HAZARD MITIGATION PLAN

Somerset County, Pennsylvania

August 2025 - Volume II

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APPENDIX A: BIBLIOGRAPHY

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Appendix B: Local Mitigation Plan Review Tool

Cover Page

The Local Mitigation Plan Review Tool (PRT) demonstrates how the local mitigation plan meets the regulation in 44 CFR § 201.6 and offers states and FEMA Mitigation Planners an opportunity to provide feedback to the local governments, including special districts.

1. The Multi-Jurisdictional Summary Sheet is a worksheet used to document how each jurisdiction met the requirements of the plan elements (Planning Process; Risk Assessment; Mitigation Strategy, Plan Maintenance; Plan Update; and Plan Adoption).
2. The Plan Review Checklist summarizes FEMA's evaluation of whether the plan has addressed all requirements.

For greater clarification of the elements in the Plan Review Checklist, please see Section 4 of this guide. Definitions of the terms and phrases used in the PRT can be found in Appendix E of this guide.

Plan Information	
Jurisdiction(s)	Somerset County, Pennsylvania
Title of Plan	Somerset County's Hazard Mitigation 2025 Plan
New Plan or Update	Update
Single- or Multi-Jurisdiction	Multi-Jurisdiction
Date of Plan	April 2025
Local Point of Contact	
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Review Information	
State Review	
State Reviewer(s) and Title	
State Review Date	
FEMA Review	
FEMA Reviewer(s) and Title	
Date Received in FEMA Region	
Plan Not Approved	
Plan Approvable Pending Adoption	
Plan Approved	

Multi-Jurisdictional Summary Sheet

	Hazard Evaluation Survey	Capability Assessment Survey	NFIP Survey	Mitigation Strategy Survey
Somerset County	X	X		X
Somerset County Conservation District	X			
Somerset County EMA	X			
Somerset County LEPC	X			
Somerset County Planning Commission	X	X		X
Addison (B)	X	X	X	X
Addison (T)	X	X	X	X
Allegheny (T)				
Benson (B)				
Berlin (B)	X	X	X	X
Berlin Brothers Valley SD	X			
Black (T)				
Boswell (B)	X	X	X	X
Brothers Valley (T)	X	X	X	X
Callimont (B)	X			
Cambria Somerset Authority	X			
Casselman (B)				
Central City (B)				
Chan Soon-Shiong Windber Medical Center				
Conemaugh (T)	X	X	X	
Conemaugh Township SD				
Conemaugh Meyersdale Medical Center	X	X	X	
Confluence (B)	X	X	X	X
Elk Lick (T)	X	X	X	X
Fairhope (T)				
Garrett (B)				
Greenville (T)	X			
Hooversville (B)				
Indian Lake (B)				
Jefferson (T)	X	X	X	X
Jenner (T)	X	X	X	X
Jennerstown (B)	X	X	X	X
Larimer (T)	X	X	X	X
Laurel Highlands Muni Auth	X	X	X	X
Lincoln (T)				
Lower Turkeyfoot (T)	X	X	X	X
Meyersdale (B)	X			

	Hazard Evaluation Survey	Capability Assessment Survey	NFIP Survey	Mitigation Strategy Survey
Meyersdale Muni Auth				
Meyersdale SD				
Middlecreek (T)	**X**	**X**	**X**	**X**
Milford (T)	**X**	**X**	**X**	**X**
New Baltimore (B)				
New Centerville (B)	**X**	**X**	**X**	**X**
North Star SD				
Northampton (T)	**X**	**X**	**X**	**X**
Ogle (T)				
Paint (B)	**X**	**X**	**X**	**X**
Paint (T)				
Quemahoning (T)	**X**	**X**	**X**	**X**
Rockwood (B)				
Rockwood SD				
Salisbury (B)	**X**	**X**	**X**	**X**
Salisbury-Elk Lick SD				
Seven Springs (B)				
Shade (T)				
Shade-Central City SD				
Shanksville (B)				
Shanksville-Stonycreek SD				
Somerset (B)	**X**			
Somerset SD				
Somerset (T)	**X**			
Southampton (T)				
Stoneycreek (T)				
Stoystown (B)	**X**			
Summit (T)	**X**			
Turkeyfoot Valley SD				
UPMC Somerset				
Upper Turkeyfoot (T)				
Ursina (B)	**X**	**X**		
Wellersburg (B)				
Windber (B)				
Windber SD				

Plan Review Checklist

The Plan Review Checklist is completed by FEMA. States and local governments are encouraged, but not required, to use the PRT as a checklist to ensure all requirements have been met prior to submitting the plan for review and approval. The purpose of the checklist is to identify the location of relevant or applicable content in the plan by element/sub-element and to determine if each requirement has been "met" or "not met." FEMA completes the "required revisions" summary at the bottom of each element to clearly explain the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is "not met." Sub-elements in each summary should be referenced using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each element and sub-element are described in detail in Section 4: Local Plan Requirements of this guide.

Plan updates must include information from the current planning process.

If some elements of the plan do not require an update, due to minimal or no changes between updates, the plan must document the reasons for that.

Multi-jurisdictional elements must cover information unique to all participating jurisdictions.

Element A: Planning Process

Element A Requirements	Location in Plan (section and/or page number)	Met / Not Met
A1. Does the plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement 44 CFR § 201.6(c)(1))		
A1-a. Does the plan document how the plan was prepared, including the schedule or time frame and activities that made up the plan's development, as well as who was involved?	Section 3: Planning Process (pg. 3-1 through 3-5); Appendix D	Met
A1-b. Does the plan list the jurisdiction(s) participating in the plan that seek approval, and describe how they participated in the planning process?	Section 3.5: Multi-Jurisdictional Planning (pg. 3-5); Appendix D	Met
A2. Does the plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development as well as businesses, academia, and other private and non-profit interests to be involved in the planning process? (Requirement 44 CFR § 201.6(b)(2))		
A2-a. Does the plan identify all stakeholders involved or given an opportunity to be involved in the planning process, and how each stakeholder was presented with this opportunity?	Section 3.2: The Planning Teams (pg. 3-2 through 3-3)	Met

Element A Requirements	Location in Plan (section and/or page number)	Met / Not Met
A3. Does the plan document how the public was involved in the planning process during the drafting stage and prior to plan approval? (Requirement 44 CFR § 201.6(b)(1))		
A3-a. Does the plan document how the public was given the opportunity to be involved in the planning process and how their feedback was included in the plan?	Section 3.1: Update Process and Participation Summary (pg. 3-1); Section 3.3: Meetings and Documentation (pg. 3-4; Section 3.4: Public and Stakeholder Participation (pg. 3-4); Appendix D	Met
A4. Does the plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement 44 CFR § 201.6(b)(3))		
A4-a. Does the plan document what existing plans, studies, reports and technical information were reviewed for the development of the plan, as well as how they were incorporated into the document?	Section 4.4.1.2 Data Source Summary (pg. 4-1); Section 5.2.1.3: County and Municipal Planning Capabilities (pg. 5-2 through 5-17); Appendix A	Met
Element A Required Revisions		
Required Revision:		

Element B: Risk Assessment

Element B Requirements	Location in Plan (section and/or page number)	Met / Not Met
B1. Does the plan include a description of the type, location, and extent of all natural hazards that can affect the jurisdiction? Does the plan also include information on previous occurrences of hazard events and on the probability of future hazard events? (Requirement 44 CFR § 201.6(c)(2)(i))		
B1-a. Does the plan describe all natural hazards that can affect the jurisdiction(s) in the planning area, and does it provide the rationale if omitting any natural hazards that are commonly recognized to affect the jurisdiction(s) in the planning area?	Section 4.2 Hazard Identification (pg. 4-2 through 4-5) Hazard Description section of each Hazard Profile: 4.3.1, 4.3.2, 4.3.3, 4.3.4.1, 4.3.5, 4.3.6, 4.3.7, 4.3.8, 4.3.9, 4.3.10,	Met

	4.3.11, 4.3.12, 4.3.13, 4.3.14, 4.3.15, 4.3.16, 4.3.17, 4.3.18, 4.3.19, 4.3.20	
B1-b. Does the plan include information on the location of each identified hazard?	Location and Extent section of each Hazard Profile: 4.3.1.1, 4.3.2.1, 4.3.3.1, 4.3.4.2, 4.3.5.1, 4.3.6.3, 4.3.7.1, 4.3.8.1, 4.3.9.1, 4.3.10.1, 4.3.10.1, 4.3.11.1, 4.3.12.1, 4.3.13.1, 4.3.14.1, 4.3.15.1, 4.3.16.1, 4.3.17.1, 4.3.18.1, 4.3.19.1, 4.3.20.1, Appendix F (Flood) Appendix G (Subsidence/Sinkholes)	Met
B1-c. Does the plan describe the extent for each identified hazard?	Range of Magnitude section of each Hazard Profile: 4.3.1.2, 4.3.2.2, 4.3.3.2, 4.3.4.3, 4.3.5.2, 4.3.6.4, 4.3.7.2, 4.3.8.2, 4.3.9.2, 4.3.10.2, 4.3.11.2, 4.3.12.2, 4.3.13.2, 4.3.14.2, 4.3.15.2, 4.3.16.2, 4.3.17.2, 4.3.18.2, 4.3.19.2, 4.3.20.2	Met
B1-d. Does the plan include the history of previous hazard events for each identified hazard?	Past Occurrence section of each Hazard Profile: 4.3.1.3, 4.3.2.3, 4.3.3.3, 4.3.4.4, 4.3.5.3, 4.3.6.5, 4.3.7.3, 4.3.8.3, 4.3.9.3, 4.3.10.3, 4.3.11.3, 4.3.12.3, 4.3.13.3, 4.3.14.3, 4.3.15.3, 4.3.16.3, 4.3.17.3, 4.3.18.3, 4.3.19.3, 4.3.20.3	Met

Element B Requirements	Location in Plan (section and/or page number)	Met / Not Met
B1-e. Does the plan include the probability of future events for each identified hazard? Does the plan describe the effects of future conditions, including climate change (e.g., long-term weather patterns, average temperature and sea levels), on the type, location and range of anticipated intensities of identified hazards?	Future Occurrence section of each Hazard Profile: 4.3.1.4, 4.3.2.4, 4.3.3.4, 4.3.4.5, 4.3.5.4, 4.3.6.6, 4.3.7.4, 4.3.8.4, 4.3.9.4, 4.3.10.4, 4.3.11.4, 4.3.12.4, 4.3.13.4, 4.3.14.4, 4.3.15.4, 4.3.16.4, 4.3.17.4, 4.3.18.4, 4.3.19.4, 4.3.20.4	Met
B1-f. For participating jurisdictions in a multi-jurisdictional plan, does the plan describe any hazards that are unique to and/or vary from those affecting the overall planning area?	Jurisdictional maps are provided in Appendices. Appendices F (Flood) and Appendix G (Subsidence/Sinkholes)	Met
B2. Does the plan include a summary of the jurisdiction's vulnerability and the impacts on the community from the identified hazards? Does this summary also address NFIP-insured structures that have been repetitively damaged by floods? (Requirement 44 CFR § 201.6(c)(2)(ii))		
B2-a. Does the plan provide an overall summary of each jurisdiction's vulnerability to the identified hazards?	Table 4.4.2 3 Risk Ranking as Indicated by Municipality (pg. 4-346 through 4-352)	Met
B2-b. For each participating jurisdiction, does the plan describe the potential impacts of each of the identified hazards on each participating jurisdiction?	Vulnerability Assessment section of each Hazard Profile: 4.3.1.5, 4.3.2.5, 4.3.3.5, 4.3.5.6, 4.3.5.5, 4.3.6.7, 4.3.7.5, 4.3.8.5, 4.3.9.5, 4.3.10.5, 4.3.11.5, 4.3.12.5, 4.3.13.5, 4.3.14.5, 4.3.15.5, 4.3.16.5, 4.3.17.5, 4.3.18.5, 4.3.19.5, 4.3.20.5,	Met
B2-c. Does the plan address NFIP-insured structures within each jurisdiction that have been repetitively damaged by floods?	Table 4.3.7. 16. Summary of Repetitive Loss Properties (pg. 4-149)	Met
Element B Required Revisions		
Required Revision:		

Element C: Mitigation Strategy

Element C Requirements	Location in Plan (section and/or page number)	Met / Not Met
C1. Does the plan document each participant's existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement 44 CFR § 201.6(c)(3))		
C1-a. Does the plan describe how the existing capabilities of each participant are available to support the mitigation strategy? Does this include a discussion of the existing building codes and land use and development ordinances or regulations?	Section 5.2.1: Planning and Regulatory Capability (pg. 5-2 thru 5-18); Section 5.2.2: Administrative and Technical Capability (pg. 5-18 thru 5-26); Section 5.2.3: Financial Capability (pg. 5-26 thru 5-34); Section 5.2.4: Education and Outreach Capability (5-35 thru 5-39); Appendix D	Met
C1-b. Does the plan describe each participant's ability to expand and improve the identified capabilities to achieve mitigation?	Section 5.2.1: Planning and Regulatory Capability (pg. 5-2 thru 5-18); Section 5.2.2: Administrative and Technical Capability (pg. 5-18 thru 5-26); Section 5.2.3: Financial Capability (pg. 5-26 thru 5-34); Section 5.2.4: Education and Outreach Capability (5-35 thru 5-39); Appendix D	Met
C2. Does the plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement 44 CFR § 201.6(c)(3)(ii))		
C2-a. Does the plan contain a narrative description or a table/list of their participation activities?	Section 5.2.1.1 National Flood Insurance Program (pg. 5-5); Section 5.2.1.1 Community Rating System (pg. 5-8); Table 5.2.1-1. Planning and Regulatory Capability (pg. 5-22 through 5-24); Appendix D	Met
C3. Does the plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement 44 CFR § 201.6(c)(3)(i))		

C3-a. Does the plan include goals to reduce the risk from the hazards identified in the plan?	Section 6.2.1 2025 Mitigation Goals and Section 6.2.2: 2025 Mitigation Objectives (pg. 6-22 through 6-60)	Met
C4. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement 44 CFR § 201.6(c)(3)(ii))		
C4-a. Does the plan include an analysis of a comprehensive range of actions/projects that each jurisdiction considered to reduce the impacts of hazards identified in the risk assessment?	Section 6.3: Identification and Analysis of Mitigation Techniques (pg. 6-24 thru 6-49)	Met
C4-b. Does the plan include one or more action(s) per jurisdiction for each of the hazards as identified within the plan's risk assessment?	Section 6.4: 2024 Mitigation Actions (pg. 6-25 through 6-49)	Met
C5. Does the plan contain an action plan that describes how the actions identified will be prioritized (including a cost-benefit review), implemented, and administered by each jurisdiction? (Requirement 44 CFR § 201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))		
C5-a. Does the plan describe the criteria used for prioritizing actions?	Section 6.6: Priority Scoring (pg. 6-49); Table 6 6. Prioritization Scoring of Mitigation Actions (pg. 6-39 through 6-49)	Met

Element C Requirements	Location in Plan (section and/or page number)	Met / Not Met
C5-b. Does the plan provide the position, office, department or agency responsible for implementing/administrating the identified mitigation actions, as well as potential funding sources and expected time frame?	Section 6.4: Mitigation Actions	Met
Element C Required Revisions		
Required Revision:		

Element D: Plan Maintenance

Element D Requirements	Location in Plan (section and/or page number)	Met / Not Met
D1. Is there discussion of how each community will continue public participation in the plan maintenance process? (Requirement 44 CFR § 201.6(c)(4)(iii))		
D1-a. Does the plan describe how communities will continue to seek future public participation after the plan has been approved?	Section 7.3: Continued Public Involvement (pg. 7-4 through 7-5)	Met
D2. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a five-year cycle)? (Requirement 44 CFR § 201.6(c)(4)(i))		
D2-a. Does the plan describe the process that will be followed to track the progress/status of the mitigation actions identified within the Mitigation Strategy, along with when this process will occur and who will be responsible for the process?	Section 7.2: Monitoring (pg. 7-1 through 7-2)	Met
D2-b. Does the plan describe the process that will be followed to evaluate the plan for effectiveness? This process must identify the criteria that will be used to evaluate the information in the plan, along with when this process will occur and who will be responsible.	Section 7.3: Evaluating (pg. 7-2 through 7-3)	Met
D2-c. Does the plan describe the process that will be followed to update the plan, along with when this process will occur and who will be responsible for the process?	Section 7.4: Updating (pg. 7-4)	Met

Element D Requirements	Location in Plan (section and/or page number)	Met / Not Met
D3. Does the plan describe a process by which each community will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement 44 CFR § 201.6(c)(4)(ii))		
D3-a. Does the plan describe the process the community will follow to integrate the ideas, information and strategy of the mitigation plan into other planning mechanisms?	Section 5.2.6: Plan Integration (pg. 5-41 thru 5-46)	Met
D3-b. Does the plan identify the planning mechanisms for each plan participant into which the ideas, information and strategy from the mitigation plan may be integrated?	Section 5.2.5: Plan Integration (pg. 5-39)	Met
D3-c. For multi-jurisdictional plans, does the plan describe each participant's individual process for integrating information from the mitigation strategy into their identified planning mechanisms?	Section 5.2.5: Plan Integration (pg. 5-39)	Met
Element D Required Revisions		
Required Revision:		

Element E: Plan Update

Element E Requirements	Location in Plan (section and/or page number)	Met / Not Met
E1. Was the plan revised to reflect changes in development? (Requirement 44 CFR § 201.6(d)(3))		
E1-a. Does the plan describe the changes in development that have occurred in hazard-prone areas that have increased or decreased each community's vulnerability since the previous plan was approved?	Section 2.4.4: Recent and Future Trends Development (pg. 2-29)	Met
E2. Was the plan revised to reflect changes in priorities and progress in local mitigation efforts? (Requirement 44 CFR § 201.6(d)(3))		
E2-a. Does the plan describe how it was revised due to changes in community priorities?	Section 6.1.1: Review of Past Mitigation Goals (pg. 6-3)	Met
E2-b. Does the plan include a status update for all mitigation actions identified in the previous mitigation plan?	Section 6.1.2: 6.1.2 Past Mitigation Action Status and Update of Mitigation Strategies (pg. 6-3 through 6-22)	Met

Element E Requirements	Location in Plan (section and/or page number)	Met / Not Met
E2-c. Does the plan describe how jurisdictions integrated the mitigation plan, when appropriate, into other planning mechanisms?	Section 5.2.5: Plan Integration (pg. 5-39)	Met
Element E Required Revisions		
Required Revision:		

Element F: Plan Adoption

Element F Requirements	Location in Plan (section and/or page number)	Met / Not Met
F1. For single-jurisdictional plans, has the governing body of the jurisdiction formally adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5))		
F1-a. Does the participant include documentation of adoption?	Section 8: Plan Adoption Will be met after the plan is approved	
F2. For multi-jurisdictional plans, has the governing body of each jurisdiction officially adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5))		
F2-a. Did each participant adopt the plan and provide documentation of that adoption?	Appendix H Will be met after the plan is approved	
Element F Required Revisions		
Required Revision:		

Element G: High Hazard Potential Dams (Optional)

HHPD Requirements	Location in Plan (section and/or page number)	Met / Not Met
HHPD1. Did the plan describe the incorporation of existing plans, studies, reports and technical information for HHPDs?		
HHPD1-a. Does the plan describe how the local government worked with local dam owners and/or the state dam safety agency?	Section: 4.3.2.1 Location and Extent	
HHPD1-b. Does the plan incorporate information shared by the state and/or local dam owners?	Section: 4.3.2.2 Range and Magnitude specifically Somerset County EAPs pg. 4-22	
HHPD2. Did the plan address HHPDs in the risk assessment?		
HHPD2-a. Does the plan describe the risks and vulnerabilities to and from HHPDs?	Section 4.3.2.5 Vulnerability Assessment (pg. 4-24 through 4-38)	
HHPD2-b. Does the plan document the limitations and describe how to address deficiencies?	Section 4.3.2.7 Additional Data and Next Steps (pg. 4-39)	
HHPD3. Did the plan include mitigation goals to reduce long-term vulnerabilities from HHPDs?		
HHPD3-a. Does the plan address how to reduce vulnerabilities to and from HHPDs as part of its own goals or with other long-term strategies?	Section 6.2.2: Review and Update of Goals for the 2024 HMP	
HHPD3-b. Does the plan link proposed actions to reducing long-term vulnerabilities that are consistent with its goals?	Section 6.4: 2024 Mitigation Actions	
HHPD4-a. Did the plan include actions that address HHPDs and prioritize mitigation actions to reduce vulnerabilities from HHPDs?		
HHPD4-a. Does the plan describe specific actions to address HHPDs?	Section 6.4: 2024 Mitigation Actions	
HHPD4-b. Does the plan describe the criteria used to prioritize actions related to HHPDs?	Section 6.6: Priority Scoring; Table 6 6. Prioritization Scoring of Mitigation Actions	
HHPD4-c. Does the plan identify the position, office, department or agency responsible for implementing and administering the action to mitigate hazards to or from HHPDs?	Section 6.4: 2024 Mitigation Actions	
HHPD Required Revisions		

Required Revision:

Element H: Additional State Requirements (Optional)

Element H Requirements	Location in Plan (section and/or page number)	Met / Not Met
This space is for the State to include additional requirements		

Plan Assessment

These comments can be used to help guide your annual/regularly scheduled updates and the next plan update.

Element A. Planning Process

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element B. Risk Assessment

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element C. Mitigation Strategy

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element D. Plan Maintenance

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element E. Plan Update

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element G. HHPD Requirements (Optional)

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

Element H. Additional State Requirements (Optional)

Strengths

- [insert comments]

Opportunities for Improvement

- [insert comments]

APPENDIX C: MEETING DOCUMENTATION

AGENDA

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE

Steering Committee Kickoff Meeting

Wednesday, August 30, 2023 | 10:30 a.m. – 12:00 p.m.

1. **Welcome and Introductions**

2. **Project Scope**
   a. Risk Assessment
   b. Capability Assessment
   c. Mitigation Strategy
   d. Draft Development

3. **Hazards of Concern**
   - Dam Failure
   - Drought
   - Earthquake
   - Environmental Hazards – Gas and Liquid Pipelines
   - Environmental Hazards – Hazardous Materials Releases
   - Flood, Flash Flood, and Ice Jam
   - Hailstorm
   - Hurricane, Tropical Storms, Nor'easter
   - Invasive Species
   - Landslide
   - Levee Failure
   - Opioid Addiction Response
   - Pandemic and Infectious Disease
   - Radon Exposure
   - Subsidence, Sinkholes
   - Terrorism
   - Tornado, Windstorm
   - Transportation Accidents
   - Utility Interruption
   - Wildfire
   - Winter Storm

4. **Planning Team Members**
   - County Departments
   - Municipalities
   - Sewer and Water Authorities
   - Schools and School Districts
   - Social service providers
   - Watershed Associations
   - Dam owners and operators
   - Higher Ed
   - Healthcare
   - Prisons
   - Media
   - American Red Cross
   - Utilities
   - Major Businesses
   - Railroad
   - Region 13
   - PA Turnpike Commission
   - SAPDC
   - Commonwealth Agencies
   - Federal Agencies
   - Neighboring Counties

AGENDA

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE

Steering Committee Kickoff Meeting

Wednesday, August 30, 2023 | 10:30 a.m. – 12:00 p.m.

5. **Public and Stakeholder Outreach**
    a. Project Website
    b. Problem Identification Form
    c. Stakeholder Surveys
    d. Social Media
    e. Other

6. **Project Schedule**

7. **Next Steps**
    a. Identify points of contact
    b. Collect GIS data
    c. Request NFIP data
    d. Develop the project website
    e. Develop the Problem Identification Form
    f. Develop Stakeholder Surveys
    g. Conduct the Planning Team Kickoff Meeting
    h. Profile hazards of concern

8. **Questions**

Project Schedule

Phase	Timeframe
Project Management	• Project Kickoff Meeting conducted on August 15, 2023 • Monthly status reports • Quarterly progress reports submitted to PEMA • Project Closeout Meeting upon FEMA approval of the HMP
Task 1: Organize Resources	• Steering Committee Kickoff Meeting conducted on August 30, 2023 • Initial Planning Team Meeting conducted in late September 2023 • Website maintained throughout the planning process • Problem identification form developed and deployed within three weeks of the Steering Committee Kickoff Meeting • Outreach to jurisdictions and other stakeholders throughout the planning process • Plans and other documents reviewed throughout the planning process
Task 2: Conduct Capability Assessment	• Capabilities assessed through February 2024
Task 3: Update the Risk Assessment	• Collect data and assess the risk from identified hazards of concern from August 2023 – February 2024 • Public meeting to present risk assessment to Planning Team conducted in mid-February 2024
Task 4: Develop Mitigation Strategy	• Goals and objectives updated by the beginning of April 2024 • Mitigation Strategy Workshop conducted in mid-March 2024 • Mitigation actions developed by the middle of May 2024 • Steering Committee Meeting to review the mitigation strategy conducted at the end of May 2024
Task 5: Define Plan Maintenance	• Plan Maintenance section updated by mid-May 2024
Task 6: Prepare the Updated HMP Draft	• Draft developed by mid-June 2024
Task 7: Review and Finalize the Updated HMP Draft	• Draft reviewed with the Steering Committee in early July 2024 • Draft updated based on Steering Committee comments by mid-July 2024 • Public comment period from mid-July to mid-August 2024 • Public Draft Review Meeting conducted in the middle of August 2024 • Draft finalized by early September 2024
Task 8: Submit the Updated HMP Draft for Formal Review	• Draft submitted to PEMA in early September 2024 • PEMA Review Period from early to late September 2024 • Draft HMP updated and submitted to FEMA Region III by the beginning of October 2024 • FEMA Review Period from early October to mid-November 2024 • APA granted by mid-December 2024
Task 9: Facilitate Adoption of the Updated HMP	• Final HMP provided to the County for adoption by late December 2024 • Facilitate adoption by the County and participating jurisdictions in January 2025

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE
Steering Committee Kickoff Meeting

SIGN-IN

Wednesday, August 30, 2023 | 10:30 a.m. – 12:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
BRAD ZEARFOSS, PLANNING DIRECTOR	SOMERSET CO. PLANNING	BZEARFOSS@CO.SOMERSET.PA.US	814-445-1544
Joel Ladis, Director	Somerset County EMA	Ladisj@co.somerset.pa.us	814-483-0189
Kevin Broadwater	Somerset County EMA	broadwaterK@co.somerset.pa.us	(814)483-6509
Angela Emerick	Somerset County EMA	emericka@co.somerset.pa.us	814 483 4313
Craig Hollis-Nicholson	Somerset County 911	nicholsonc@co.somerset.pa.us	814 442 2789
Tony Subbio / PM	Tetra Tech, Inc.	tony.subbio@tetratech.com	717-839-5654

MEETING NOTES

Meeting	Somerset County, Pennsylvania Hazard Mitigation Plan (HMP) Update Steering Committee Kickoff Meeting		
Date	August 30, 2023	**Time**	10:30 a.m. – 12:10 p.m.
Location	Somerset County Department of Emergency Services, 100 East Union Street, Somerset, PA		
Attendees	Joel D. Landis, Emergency Management Agency (EMA) Director, Somerset County Department of Emergency Services (DES)		
	Kevin Broadwater, EMA Specialist, Somerset County DES		
	Angela Emerick, Administrative Assistant, Somerset County DES		
	Craig Hollis-Nicholson, Somerset County 911		
	Bradley A. Zearfoss, Planning Director, Somerset County Planning Commission		
	Tony Subbio, Project Manager, Tetra Tech		

Discussion Points

This section summarizes each discussion point addressed during the Steering Committee Kickoff Meeting.

Project Scope

Mr. Subbio briefly reviewed the planning process that will be used to update the HMP, as it was described in Tetra Tech's proposal and contract. Mr. Subbio described that the mitigation strategy will be developed based on the results of the risk assessment and capabilities assessment.

Hazards of Concern

The committee discussed hazards that have impacted the County. Attendees identified the following impacts and issues related to hazards:

- Dam Failure and Levee Failure will be profiled separately.
- A tornado recently impacted the County.
- Hurricanes, Tropical Storms, and Nor'easters will not have their own hazard profile. The impacts of these storms will be captured in the hazard profiles related to flood and wind.
- Radon Exposure will not be profiled. There have been no recorded impacts of radon in Somerset County.
- Cyber Attack will be addressed in the Terrorism hazard profile.
- An Environmental Hazard - Coal Mining hazard profile will be added.

The hazards of concern are as follows:

- Dam Failure
- Drought
- Earthquake
- Environmental Hazards – Coal Mining
- Environmental Hazards – Gas and Liquid Pipelines
- Environmental Hazards – Hazardous Materials Releases
- Flood, Flash Flood, and Ice Jam
- Hailstorm
- Invasive Species
- Landslide
- Levee Failure
- Opioid Addiction Response
- Pandemic and Infectious Disease
- Subsidence, Sinkholes
- Terrorism
- Tornado, Windstorm
- Transportation Accidents
- Utility Interruption
- Wildfire
- Winter Storm

Planning Team Members

Mr. Subbio described the role of the Planning Team and the organizations to be represented.

Mr. Subbio stated that the Pennsylvania Emergency Management Agency (PEMA) and Federal Emergency Management Agency (FEMA) Region III have recently begun to require that municipal authorities and special districts (including school districts) be treated as their own jurisdictions similar to municipalities. These include the Cambria Somerset Authority and the Meyersdale Municipal Authority. Authorities and districts will have to meet participation requirements to be eligible to adopt the HMP and potentially receive mitigation funding.

Ms. Emerick manages the Somerset County Community Organizations Active in Disaster (COAD) and will reach out to member organizations.

Attendees discussed additional stakeholders to involve in the planning process, including the conservation district, chambers of commerce, Norfolk-Southern and CSX, the Meyersdale Area Merchants' Association, PEMA Western Area, the Pennsylvania State Police, the Pennsylvania Department of Transportation, the National Park Service, the US Army Corps of Engineers, the US Department of Agriculture, the cooperative extension office, the Pennsylvania Department of Health, the Pennsylvania Department of Corrections, and neighboring counties in Pennsylvania and Maryland.

Public and Stakeholder Outreach

Mr. Subbio described methods of outreach that will be used in the planning process. Tetra Tech will develop a project website to which the County website will link. Somerset County DES maintains a Facebook page. Tetra Tech will develop an online mapping tool (Problem Identification Form) through which stakeholders can identify where and how hazards impact their communities. Tetra Tech will develop a set of information-gathering surveys for stakeholders to complete.

MEETING NOTES

Project Schedule

Mr. Subbio reviewed the project schedule and key milestones. The risk assessment and capabilities assessment will be complete by February 2024. The mitigation strategy will be developed by May 2024. The draft HMP will be complete in June 2024.

Attendees scheduled the Planning Team Kickoff Meeting for 3:00–5:00 p.m. on October 25, 2023.

Next Steps

- Mr. Zearfoss will discuss the planning effort at the Municipal Summit.
- Ms. Emerick will compile records of emergency incidents.
- Ms. Emerick will compile points of contact for stakeholder organizations.
- Tetra Tech will work with the County to identify and collect GIS data.
- Tetra Tech will provide a request letter for the County to send to FEMA to request National Flood Insurance Program (NFIP) data.
- Tetra Tech will develop the project website.
- Tetra Tech will develop the Problem Identification Form.
- Tetra Tech will develop the stakeholder surveys.
- Tetra Tech and the County will facilitate the Planning Team Kickoff Meeting on October 25, 2023.
- Tetra Tech will continue to profile the hazards of concern.

MEETING NOTES

Meeting	Somerset County, Pennsylvania Hazard Mitigation Plan (HMP) Update Planning Team Kickoff Meeting		
Date	October 25, 2023	**Time**	3:00 – 4:50 p.m.
Location	Somerset County/Region 13 Hazmat Building, 113 Runway Road, Friedens, PA		
Attendees	Pam Tokar-Ickes, Somerset County Commissioner		
	Joel D. Landis, Emergency Management Agency (EMA) Director, Somerset County Department of Emergency Services (DES)		
	Kevin Broadwater, EMA Specialist, Somerset County DES		
	Craig Hollis-Nicholson, 911 Operations Manager, Somerset County 911		
	Bradley A. Zearfoss, Planning Director, Somerset County Planning Commission		
	Lenny Lichvar, District Manager, Somerset Conservation District		
	Melissa Wass, Township Supervisor, Addison Township		
	Gerald Parry, Emergency Management Coordinator, Berlin Borough, Brothersvalley Township, Northampton Township		
	David F. Reeder, Superintendent, Berlin Brothersvalley School District		
	Richard Ames, Operations Manager, Cambria Somerset Authority		
	Susan Levy, EMC, Middlecreek Township		
	Craig B. Waltermire, Supervisor, Milford Township		
	Barry Thomas, Council President, New Centerville Borough; Laurel Highlands Municipal Authority		
	Don Miller, Supervisor, Somerset Township		
	Rodney A. Zerfoss, Sr., Council Member, Stoystown Borough		
	Harvey Wetzler, EMC, Addison Township; Addison Volunteer Fire Department		
	Jonathan Hoover, Environmental Services Manager, Duke LifePoint (DLP) Conemaugh Meyersdale		
	George Earley, Rockwell Forest Products		
	Jim Leer, Somerset County Hazmat Team, Somerset Volunteer Fire Department		
	Danielle Smorto-Dukery, Administrator, Windber Woods Senior Living and Rehabilitation Center (online)		
	Christine Spinos, Director of Nursing, Windber Woods Senior Living and Rehabilitation Center (online)		
	Jarod Allison, Ranger, Pennsylvania Department of Conservation and Natural Resources/Laurel Hill State Park		
	Charlie Hughes, Emergency Management Specialist, Pennsylvania Emergency Management Agency Western Area		
	Ally Link, Legislative Assistant, Office of Pennsylvania Senator Pat Stefano		
	Tracey Zimmerman, Lieutenant, State Correctional Institution (SCI) Somerset		
	Nicholas Paul, Highway Foreman, Pennsylvania Department of Transportation (PennDOT)		
	Adam Pritts, Assistant Maintenance Manager, PennDOT Somerset County		
	Tony Subbio, Project Manager, Tetra Tech		

MEETING NOTES

Discussion Points

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

Welcome and Introductions

Mr. Landis welcomed the group. Attendees introduced themselves and identified the following areas of focus for the planning effort:

- Several attendees were concerned about the increase in flooding in the county, particularly as it relates to stormwater management.
- Mr. Lichvar reported that he is concerned by the amount of oil spilling into waterways after accidents.

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.

Planning Process

Mr. Subbio provided an overview of the HMP planning process, 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 Somerset County. The hazards of concern that will be analyzed in the HMP are as follows:

- Dam Failure
- Drought
- Earthquake
- Environmental Hazards – Coal Mining
- Environmental Hazards – Gas and Liquid Pipelines
- Environmental Hazards – Hazardous Materials Releases
- Flood, Flash Flood, and Ice Jam
- Hailstorm
- Invasive Species
- Landslide
- Levee Failure
- Opioid Addiction Response
- Pandemic and Infectious Disease
- Subsidence, Sinkholes
- Terrorism
- Tornado, Windstorm
- Transportation Accidents
- Utility Interruption
- Wildfire
- Winter Storm

Attendees provided the following input and insight regarding the hazards of concern:

- The Cambria Somerset Municipal Authority maintains Emergency Action Plans (EAP) for its dams. The United States Army Corps of Engineers (USACE) dam on the Youghiogheny River and the Pennsylvania Fish and Boat Commission's dam at High Point Lake are two dams of concern.
- Some of the Berlin Brothersvalley School District's schools are built over abandoned mines.
- Attendees reported that they do not have access to detailed maps of where pipelines are located.

- The Somerset Conservation District is not notified of incidents that contaminate waterways and waterbodies. This notification should be built into emergency plans. Mr. Hollis-Nicholson stated that the 911 system can be updated to require these notifications.
- Stormwater pipes back up on PA-281 where the road goes under the railroad tracks near Confluence.
- Representatives of PennDOT Somerset County reported that distracted drivers causing accidents is a major issue.
- Trains stop and block intersections in Meyersdale. Officials have tried working on the issue with CSX but have had no success.
- A derailment of an Amtrak train would cause a mass casualty incident that the healthcare system in the county does not have the capacity to handle.

Hazards of concern are examined in the risk assessment process. After the risk assessment is complete, Tetra Tech and Somerset County will conduct a Risk Assessment Review Meeting to collect feedback on the results.

Tetra Tech and Somerset 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. School districts maintain mass notification and messaging systems. Somerset County uses Code Red for emergency notifications and may expand its use to non-emergency messages.

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 updated HMP. Tetra Tech's planners will work with Somerset 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 Somerset 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 asks for substantial changes based on best practices from other jurisdictions in FEMA Region III. Tetra Tech will update the HMP as necessary until it is granted Approvable Pending Adoption (APA) status by FEMA.

Mr. Subbio then described recent changes to FEMA guidance and the template adoption resolutions. The new template from FEMA includes language that the jurisdictions can adopt the plan while it is undergoing FEMA's review and that required revisions will not result in the plan needing to be re-adopted. The goal for the plan to be adopted is January 2025.

Following the approval of the updated plan, Somerset 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, Somerset 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 mid-June 2024 if information is provided to Tetra Tech in a timely manner. That will allow time for the public, PEMA, and FEMA reviews to occur and APA status to be achieved by mid-December 2024.

Introduce Worksheets

Mr. Subbio reviewed the following set of information-gathering worksheets that municipalities 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

Mr. Subbio explained that FEMA Region III 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. 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 2020 HMP on which to report progress in the Mitigation Strategy 5-Year Mitigation Plan Review.

Attendees completed the Hazard Identification and Risk Evaluation Worksheet.

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. A project website is being developed to provide information on the planning process. Tetra Tech is also developing 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. Tetra Tech will create a simple online mapping tool in which a person can identify a location where hazards can or have affected a community. Stakeholder organizations will be invited to attend Planning Team meetings held throughout the planning process. Finally, there will be two public meetings during the planning process: one to review the risk assessment results and one to review the final draft.

Next Steps

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

- Organizations will send any relevant documents, reports, plans, etc., to Somerset County or Mr. Subbio for review and incorporation into the HMP.
- Tetra Tech and Somerset County will distribute the set of standard worksheets to jurisdictional officials.
- Tetra Tech will continue to update the hazard profiles.

The meeting adjourned at 4:50 p.m.

TETRA TECH

Somerset County Hazard Mitigation Plan

2024 Update

Planning Team Kickoff Meeting

October 25, 2023
3:00 – 5:00 p.m.

1

Agenda

- Welcome and Introductions
- Overview of Hazard Mitigation
- Planning Process
- Review Schedule
- Introduce Worksheets
- Public and Stakeholder Outreach
- Next Steps
- Questions

2

Welcome and Introductions

- Name, Title, Organization
- What are your areas of focus for the HMP?

3

What is hazard mitigation?

Any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

"…provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and local ability…" (CFR).

4

4

Mitigation Works!

- The nation saves **$6** for every **$1** spent through mitigation grants, funded through select federal agencies.

National Benefit-Cost Ratio (BCR) Per Peril	Beyond Code Requirements	Federally Funded
Overall Hazard Benefit-Cost Ratio	$4:1	$6:1
Riverine Flood	$5:1	$7:1
Hurricane Surge	$7:1	
Wind	$5:1	$5:1
Earthquake	$4:1	$3:1
Wildland-Urban Interface Fire	$4:1	$3:1

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Overview of Hazard Mitigation (Cont.)

Questions?

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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

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Planning Process: Step 1
Update the Risk Assessment

- Hazards of Concern
  - Dam Failure
  - Drought
  - Earthquake
  - Environmental Hazards – Coal Mining
  - Environmental Hazards – Gas and Liquid Pipelines
  - Environmental Hazards – Hazardous Materials Releases
  - Flood, Flash Flood, and Ice Jam
  - Hailstorm
  - Invasive Species
  - Landslide
  - Levee Failure
  - Opioid Addiction Response
  - Pandemic and Infectious Disease
  - Subsidence, Sinkholes
  - Terrorism
  - Tornado, Windstorm
  - Transportation Accidents
  - Utility Interruption
  - Wildfire
  - Winter Storm

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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

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Planning Process: Step 4
Update Other Sections of 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

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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

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Planning Process: Step 6
Adopt the HMP

- County and at least one participating municipality
- FEMA Approval
- Adoption Goal – January 2025

13

Planning Process: Step 7
Implement the HMP

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

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Review Schedule

- Risk Assessment
  - August 2023 – February 2024
- Capabilities Assessment
  - August 2023 – February 2024
- Mitigation Strategy
  - February – May 2024
- Draft Plan by the middle of June 2024
- Submit to PEMA by the beginning of September 2024
- Submit to FEMA by the beginning of October 2024
- "Approvable Pending Adoption" by the middle of December 2024

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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

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Public and Stakeholder Outreach

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Next Steps

- Document Request
- Complete Municipal Worksheets
- Update the Risk Assessment

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Questions?

Thank you for your time!

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Contacts

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Tony Subbio
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(717) 839-5654

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AGENDA

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE

Planning Team Kickoff Meeting

Wednesday, October 25, 2023 | 3:00 – 5:00 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**

Hazard Identification and Risk Evaluation Worksheet

Name: _____ **Title:** _____

Jurisdiction: _____ **Email:** _____

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought		
Earthquake		
Flood, Flash Flooding, and Ice Jam		
Hailstorms		
Hurricane, Tropical Storms, Nor'easter		
Invasive Species		
Landslide		
Pandemic and Infectious Disease		
Radon Exposure		
Subsidence, Sinkhole		
Tornadoes and Windstorms		
Wildfire		
Winter Storms		
Human-Caused Hazards		
Emergency Services		
Environmental Hazards (Hazmat)		
Levees and Dam Failure		
Opioid Epidemic		
Terrorism		
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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: _____ **Title:** _____

Jurisdiction: _____ **Email:** _____

Phone Number: _____

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan					
Emergency Operations Plan					
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)				
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				
Emergency Manager				
Floodplain Manager				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)				
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees				
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability			
Education and Outreach			

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: _____ **Title:** _____

Jurisdiction: _____ **Email:** _____

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: _____ Title: _____

Jurisdiction: _____ Email: _____

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						
1.4.2	Elevate structures to above the base flood elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.						
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.						
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.						
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.						
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.						
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.						
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.						
5.2.2	Evaluate means to enhance response capability for functional needs residents.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.						
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.						
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						
5.3.4	Conduct post-disaster community recovery planning.						
5.3.5	Maintain debris management plan.						
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Project Schedule

Phase	Timeframe
Project Management	• Project Kickoff Meeting conducted on August 15, 2023 • Monthly status reports • Quarterly progress reports submitted to PEMA • Project Closeout Meeting upon FEMA approval of the HMP
Task 1: Organize Resources	• Steering Committee Kickoff Meeting conducted on August 30, 2023 • Planning Team Kickoff Meeting conducted on October 25, 2023 • Website maintained throughout the planning process • Problem identification form developed and deployed within three weeks of the Planning Team Kickoff Meeting • Outreach to jurisdictions and other stakeholders throughout the planning process • Plans and other documents reviewed throughout the planning process
Task 2: Conduct Capability Assessment	• Capabilities assessed through February 2024
Task 3: Update the Risk Assessment	• Collect data and assess the risk from identified hazards of concern from August 2023 – February 2024 • Public meeting to present risk assessment to Planning Team conducted in mid-February 2024
Task 4: Develop Mitigation Strategy	• Goals and objectives updated by the beginning of April 2024 • Mitigation Strategy Workshop conducted in mid-March 2024 • Mitigation actions developed by the middle of May 2024 • Steering Committee Meeting to review the mitigation strategy conducted at the end of May 2024
Task 5: Define Plan Maintenance	• Plan Maintenance section updated by mid-May 2024
Task 6: Prepare the Updated HMP Draft	• Draft developed by mid-June 2024
Task 7: Review and Finalize the Updated HMP Draft	• Draft reviewed with the Steering Committee in early July 2024 • Draft updated based on Steering Committee comments by mid-July 2024 • Public comment period from mid-July to mid-August 2024 • Public Draft Review Meeting conducted in the middle of August 2024 • Draft finalized by early September 2024
Task 8: Submit the Updated HMP Draft for Formal Review	• Draft submitted to PEMA in early September 2024 • PEMA Review Period from early to late September 2024 • Draft HMP updated and submitted to FEMA Region III by the beginning of October 2024 • FEMA Review Period from early October to mid-November 2024 • APA granted by mid-December 2024
Task 9: Facilitate Adoption of the Updated HMP	• Final HMP provided to the County for adoption by late December 2024 • Facilitate adoption by the County and participating jurisdictions in January 2025

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE
Planning Team Kickoff Meeting

SIGN-IN

Wednesday, October 25, 2023 | 3:00 – 5:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Joel D. Landis EMA DIRECTOR	Somerset County EMA	LandisJ@co.somerset.pa.us	814-445-1515 x 4
Kevin Broadwater EMA specialist	Somerset County EMA	broadwaterK@co.somerset.pa.us	814 483-6509
Rodney A Zerfoss Sr	Stoystown Boro		814-442-5502
Harry Wetzler LEMC	ADDISON VFD	hwetzler@ADDISONVFD.ORG	410-215-2970
Gerald Parry LEMC	Berlin Brothers Valley Northampton	gparry3@verizon.net	814-442-2172
Barry Thomas Pres Boro Council	Laurel Highlands Municipal Auth. New Centerville Boro	nchlhma@zoominternet.net	814-233-1648
Jarod Allison DCNR Ranger	DCNR / Laurel Hill State Park	jaraallison@pa.gov	(814) 490-6956
Charlie Hughes PEMA	PEMA	charlchugh@pa.gov	7178866243
Adam Pitts PennDOT Somerset Co. Asst. Maint. Manager	Somerset PennDOT	apitts@pa.gov	(814) 279-8973
District Manager SCD Lenny Lichen	District Somerset Conservation	Len-scdcwpia.net	814-289-4259

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE
Planning Team Kickoff Meeting

SIGN-IN

Wednesday, October 25, 2023 | 3:00 – 5:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Nicholas Paul PennDot Highway Foreman	Somerset PennDot	NIPAUL@PA.GOV	814-289-3469
Don Miller Somerset Twp Supervisor	Somerset twp.	township.don@gmail.com	814-445-4695
Ally Link Rep for Sen. Stefano	Senator Stefano	alink@pasen.gov	814-443-2053
Pam Tolcar Icke	So Co Com	pam@co somersetpa.us	(814)442-4705
Melissa Wass, Twp Supervisor	Addison Township	addisontwp@verizon.net	814-395-3584
Tracey Zimmerman, LT	SCI SMR	trzimmerma@pa.gov	814-443-8100 ext. 8170
Craig B Walter mire Supervisor	Milford Township	milfordmunicipal@zoominternet.net	814-442-1193 cell
Richard Ames Operations Manager	CSA	csa@cambria somerset water.com	814-532-8851
Craig Mollis-Nicholson	911	nicholsonc@co.somerset.pa.us	814-443-4117-3187
Jonathan Hoover	DLP Conemaugh Meyersdale	JBHOOVER@Conemaugh.org	814-972-6923

SOMERSET COUNTY 2024 HAZARD MITIGATION PLAN UPDATE
Planning Team Kickoff Meeting

SIGN-IN

Wednesday, October 25, 2023 | 3:00 – 5:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Jim Lee	600/601	jalee@comcast.net	917-233-0745
GEORGE EARLEY	ROCKWOOD FOREST PRODUCTS	GEARLEY@ROCKWELLC.COMM	412-613-5013
David F. Reeder	Berlin Brothersvalley SD	1025 Main St. Berlin	(814) 267 4601
BRAD ZGARROSS	SOMERSET CO. PLANNING	BZGARROSS@CO.SOMERSET.PA.US	814-445-1544
Susan Levy, LEMC	Middlecreek Twp	somersetcart@gmail.com	724-953-4775
Tony Subbio, PM	Tetra Tech	tony.subbio@tetratech.com	717-839-5654

MEETING NOTES

Meeting	Somerset County, Pennsylvania Hazard Mitigation Plan (HMP) Update Professional Advisory Committee (PAC) Meeting		
Date	December 19, 2023	**Time**	9:00 – 9:40 a.m.
Location	Zoom Webinar		
Attendees	Joel D. Landis, Emergency Management Agency (EMA) Director, Somerset County Department of Emergency Services (DES)		
	Kevin Broadwater, EMA Specialist, Somerset County DES		
	Bradley A. Zearfoss, Planning Director, Somerset County Planning Commission		
	David Reeder, Superintendent, Berlin Brothersvalley School District		
	Tracey Karlie, Superintendent, Meyersdale Area School District		
	Louis Lepley, Superintendent, North Star School District		
	Mark Bower, Superintendent, Rockwood Area School District		
	Sam Romesberg, Superintendent/Curriculum Coordinator, Shanksville-Stonycreek School District		
	Karen Remick, Administrative Director, Somerset County Technology Center		
	Nicole Dice, Superintendent, Turkeyfoot Valley Area School District		
	Tony Subbio, Project Manager, Tetra Tech		

Discussion Points

This section summarizes each discussion point addressed during the PAC Meeting.

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.

Funding

Mr. Subbio described the mitigation funding available through the Federal Emergency Management Agency (FEMA). He informed the group that school districts are now treated as their own jurisdictions in multi-jurisdictional HMPs in Pennsylvania.

Planning Process

Mr. Subbio provided an overview of the mitigation planning process. The process assesses the risks that the County and its communities face and the capabilities that exist throughout the county to address those risks. From those two assessments, a mitigation strategy is developed to reduce vulnerability. The risk assessment, capabilities assessment, and mitigation strategy each have their own section of the HMP. Mr. Subbio described other sections of the HMP. After the plan is drafted, it is reviewed by the public, the Pennsylvania Emergency Management Agency (PEMA), and FEMA Region 3. Once it meets FEMA requirements, the HMP is adopted by all participating jurisdictions, and then implemented over the next five years.

MEETING NOTES

What Do We Do?

Mr. Subbio identified participation requirements of school districts that wish to be eligible for mitigation funding. Districts need to attend planning meetings and submit information via the set of standard worksheets, as the municipalities do. Overall, the planning process requires that school districts provide information to the County, and it is beneficial to the planning process for the school districts to share information provided by the County to other stakeholders.

School districts will email Mr. Landis to ensure they are added to the HMP mailing lists.

The HMP portion of the meeting adjourned at 9:40 a.m.

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Somerset County Hazard Mitigation Plan

2024 Update

PAC Meeting

December 19, 2023

1

Agenda

- Overview of Hazard Mitigation
- Funding
- Planning Process
- What Do We Do?
- Questions

2

What is hazard mitigation?

Any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

"…provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and local ability…" (CFR).

3

Mitigation Works!

- The nation saves **$6** for every **$1** spent through mitigation grants, funded through select federal agencies.

National Benefit-Cost Ratio (BCR) Per Peril	Beyond Code Requirements	Federally Funded
Overall Hazard Benefit-Cost Ratio	$4:1	$6:1
Riverine Flood	$5:1	$7:1
Hurricane Surge	$7:1	
Wind	$5:1	$5:1
Earthquake	$4:1	$3:1
Wildland-Urban Interface Fire	$4:1	$3:1

4

Funding

- $1.8 billion in annual FEMA mitigation funding (FY23)
  - Building Resilient Infrastructure and Communities (BRIC)
  - Flood Mitigation Assistance (FMA)
- Hazard Mitigation Grant Program (HMGP)
  - Up to 20% of disaster assistance
- ***School districts now apply as their own entity!***

5

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

6

What Do We Do?

- Meet the formal participation requirements
  - Attend meetings
  - Complete worksheets
- Provide information to the County
  - Vulnerabilities
  - Capabilities
  - Actions
- Share information sent by the County
- Email Joel Landis to make sure you receive emails

7

7

Questions?

Thank you for your time!

8

Contacts

Joel Landis

landisj@co.somerset.pa.us

(814) 445-1515 x4

Tony Subbio

tony.subbio@tetratech.com

(717) 839-5654

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2023 SOMERSET COUNTY MUNICIPAL SUMMIT
Sponsored by the Somerset County Commissioners

November 16, 2023 Sipesville Volunteer Fire Company

Registration & Exhibitors
8:00 a.m.

Welcome
Somerset County Commissioners
8:30 a.m.

Dealing with Blighted Structures
Steve Spochart – Somerset County Redevelopment Authority
8:50 a.m.

Grant Writing and Grant Sources
Lee Slusser and Edward Locher - *Southern Alleghenies Planning and Development Commission*
9:10 a.m.

Somerset County Hazard Mitigation Plan
Joel Landis – Somerset County Department of Emergency Services
9:30 a.m.

Break & Exhibitors
9:50 a.m.

Dirt & Gravel Road Program
Terry Tallion – Somerset County Conservation District
10:10 a.m.

Municipal Stormwater Management & PA Act 167 Regulations
Jake Bowlby - The EADS Group
10:30 a.m.

Somerset County Recycling Program
Cathie Beal – Somerset County Planning Commission
10:50 a.m.

Connect Somerset County Broadband Project
Somerset County Commissioners
Joseph Bzorek – Michael Baker International
11:10 a.m.

Questions and Answers
Panelists
11:30 a.m.

Closing Remarks
Somerset County Commissioners
11:50 a.m.

SOMERSET COUNTY
MUNICIPAL SUMMIT

November 16, 2023
8:00 a.m.

Sipesville Fire Department Social Hall
968 Schoolhouse Road, Sipesville, Pa.

ATTENDANCE SHEET
(PLEASE PRINT)

	NAME	MUNICIPALITY/ORGANIZATION
1.	TERRY TALLION	SOM. CONSERVATION DIST.
2.	Jason Snyder	Stonycreek Twp.
3.	Harry Weyandt	Ogle Twp
4.	DANA SCHUAR	Ogle Twp
5.	Dan Pyle	JEFFERSON
6.	Greg Arnold	MIDDLECREEK TWP
7.	Ray Akers	Middlecreek Twp
8.	Lee Fritz	Jefferson TWP
9.	Heidi Oberholser	Boswell Borough
10.	DENNIS TROUP	Jefferson Twp
11.	Adam Walker	Stonycreek TWP
12.	VINCENT FERRANTE	PAINT BORO
13.	John Kaufman	PAINT BORO.
14.	ROCKY OHLER	BROTHERSVALLEY
15.	Susan Hay	Lincoln Twp
16.	MIKE BARNDT	LINCOLN TWP.
17.	Miranda Rwak	Boswell Borough
18.	Randy Bensel	Somerset Twp
19.	Gerald Weller	County
20.	Chad Codispoti	Jenner Twp

SOMERSET COUNTY
MUNICIPAL SUMMIT

November 16, 2023
8:00 a.m.

Sipesville Fire Department Social Hall
968 Schoolhouse Road, Sipesville, Pa.

ATTENDANCE SHEET
(PLEASE PRINT)

	NAME	MUNICIPALITY/ORGANIZATION
1.	Brian Zaccai	Jenner Twp
2.	Don Miller	Somerset Twp.
3.	James Bubuer	Boswell Borough
4.	Paul Tannehill	Lower Turkeyfoot Twp.
5.	Tom Tucker	Boswell
6.	Megan Dabbs	Stonycreek Twp
7.	Steve Specht	Reber Authority
8.	Patricia Adamczyk	Reber Authority
9.	Karen Gnagey	Meyersdale
10.	Jenny Knerem	Meyersdale
11.	Tiffany Beal	Elk Lick Township
12.	Traci Horning	Berlin Boro.
13.	Pam Tokar-Icker	Somerset County
14.	Zach Lee	SAP+DC
15.	Joel Landis	Somerset County EMA
16.	Kevin Broadwater	Somerset County EMA.
17.		
18.		
19.		
20.		

Somerset County Hazard Mitigation Plan

2024 Update

Municipal Summit

November 16, 2023

Agenda

- Overview of Hazard Mitigation
- Planning Process
- Schedule
- What Can We Do?
- Questions

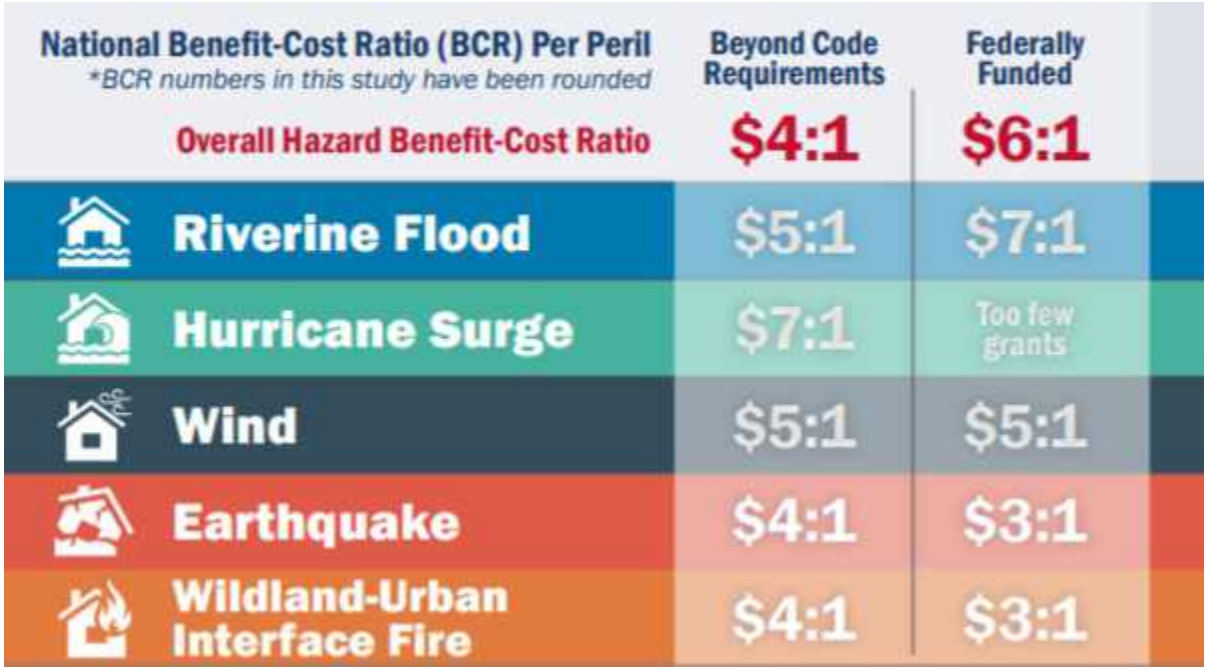
What is hazard mitigation?

Any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

"…provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and local ability…" (CFR).

Mitigation Works!

- The nation saves **$6** for every **$1** spent through mitigation grants, funded through select federal agencies.



Planning Process

- Update the Risk Assessment
- Update the Capabilities Assessment
- Update the Mitigation Strategy
- Develop the HMP Document
- Submit the HMP for Review
- Adopt the HMP
- Implement the HMP

Schedule

- Risk Assessment
  - August 2023 – February 2024
- Capabilities Assessment
  - August 2023 – February 2024
- Mitigation Strategy
  - February – May 2024
- Draft Plan by the middle of June 2024
- Submit to PEMA by the beginning of September 2024
- Submit to FEMA by the beginning of October 2024
- Approved/adopted by the middle of December 2024

What Can We Do?

- New plans/regulations?
- Better plans/regulations?
- What critical facilities are vulnerable?
- How can we inform the public?
- What funding can be used?

Questions?

Thank you for your time!

Contacts

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(814) 445-1515 x4

Brad Zearfoss

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(814) 445-1544

AGENDA

SOMERSET COUNTY HAZARD MITIGATION PLAN UPDATE
Risk Assessment/Capability Assessment Review Meeting

Wednesday, July 3, 2024 | 2:00 – 3:30 p.m.

1. **Welcome**
2. **Worksheet Completion Status**
3. **Risk Assessment Results**
   a. Hazard Profiles
   b. Risk Factor Analysis
4. **Capability Assessment Discussion**
5. **Next Steps**
6. **Questions**

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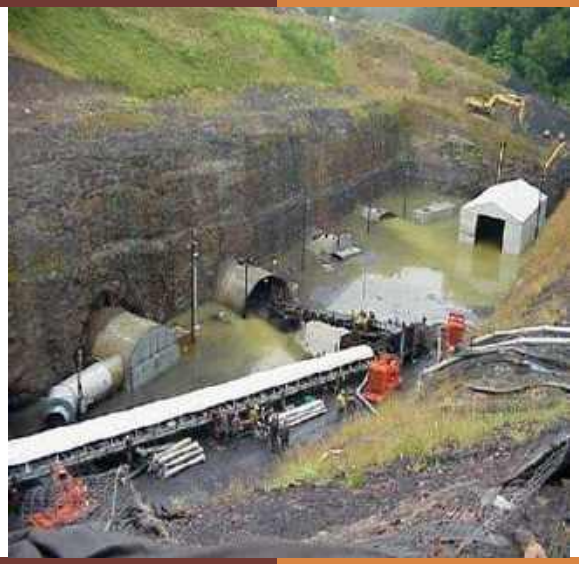
Somerset County Hazard Mitigation Plan (HMP) Update Risk Assessment/Capability Assessment Review Meeting



Agenda

- Welcome
- Worksheet Completion Status
- Risk Assessment Results
- Next Steps
- Questions

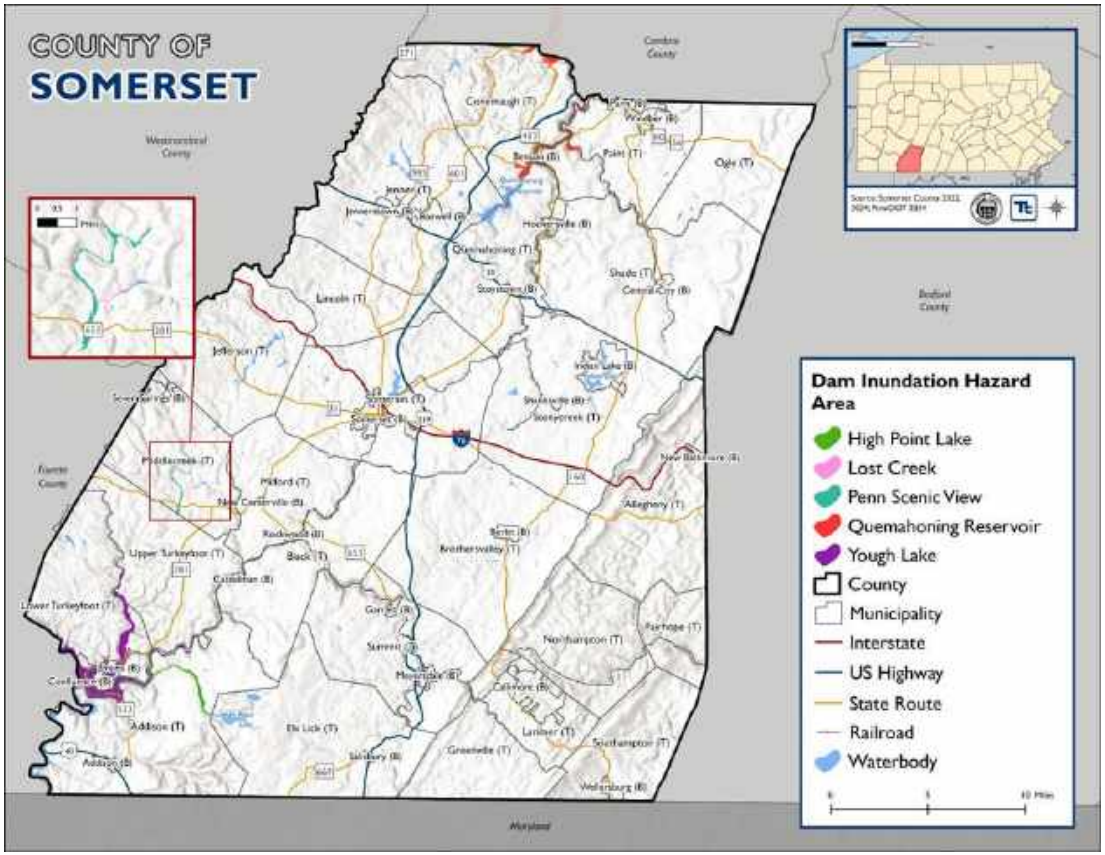
Welcome

Worksheet Completion Status

- Hazard Identification & Risk Evaluation Worksheet Status
  - 19 Municipalities/Special Districts have completed all Worksheets
  - 9 Municipalities/Special Districts have completed Risk Assessment Worksheets
  - 42 Municipalities/Special Districts have not completed any Worksheets
- Worksheet completion is a participation requirement for the HMP
  - Lack of participation in this HMP planning process can prevent funding eligibility

Risk Assessment Results
Hazard Profiles

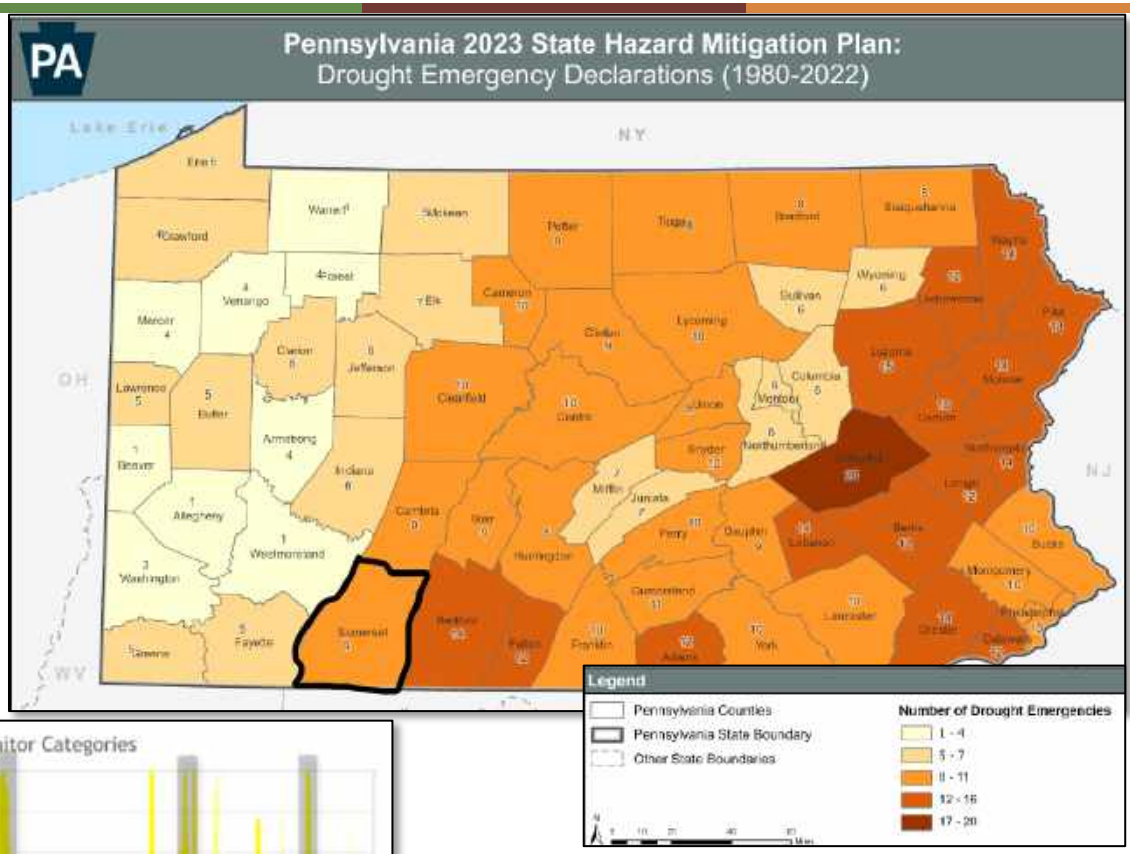
- Dam Failure
  - 32 dams; 18 high hazard
  - History of Dam Failure
    - 06/12/14- Pine Lake Dam
    - 09/03/2018- High Point Lake Dam
  - Worst case
    - North Fork Dam
      - Population in the inundation area
      - People using the lake for recreation

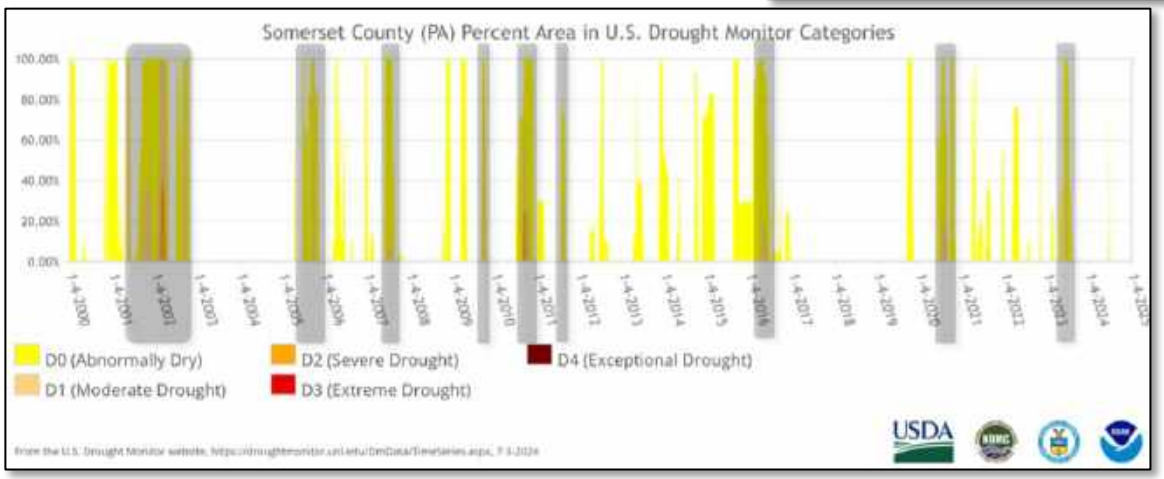


Risk Assessment Results

Hazard Profiles

- Drought
  - History (2000-2023)
    - 9 Drought Emergencies (PEMA)
  - Exposure
    - Uniform risk
    - 4,012 domestic water wells

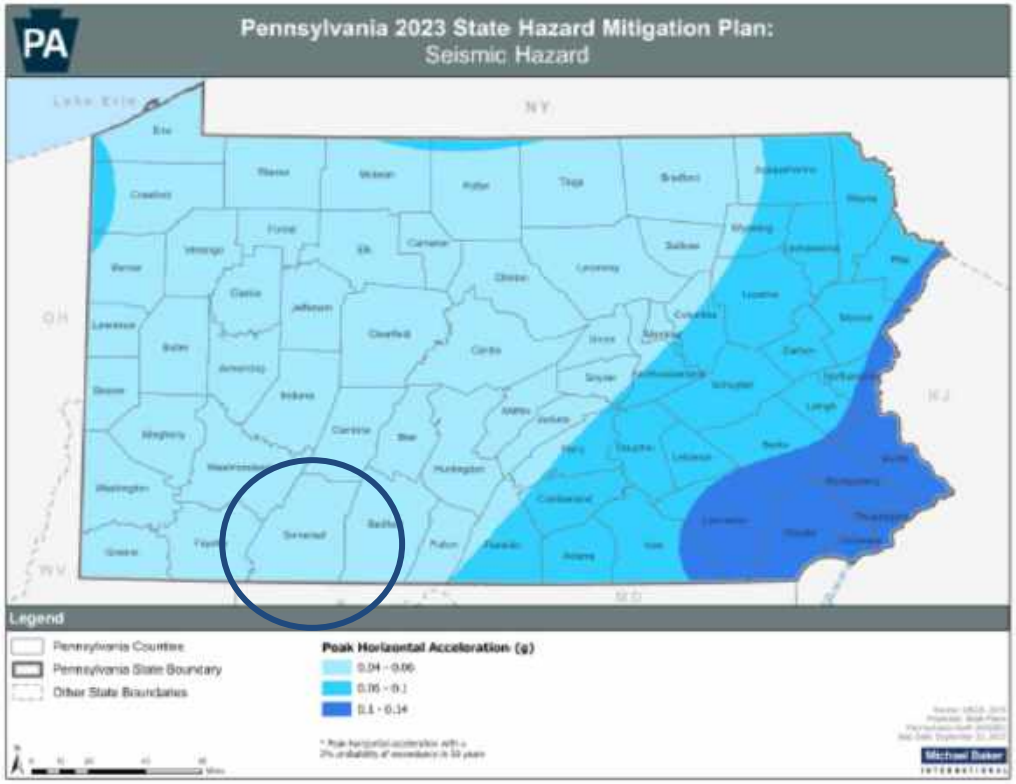




Risk Assessment Results

Hazard Profiles

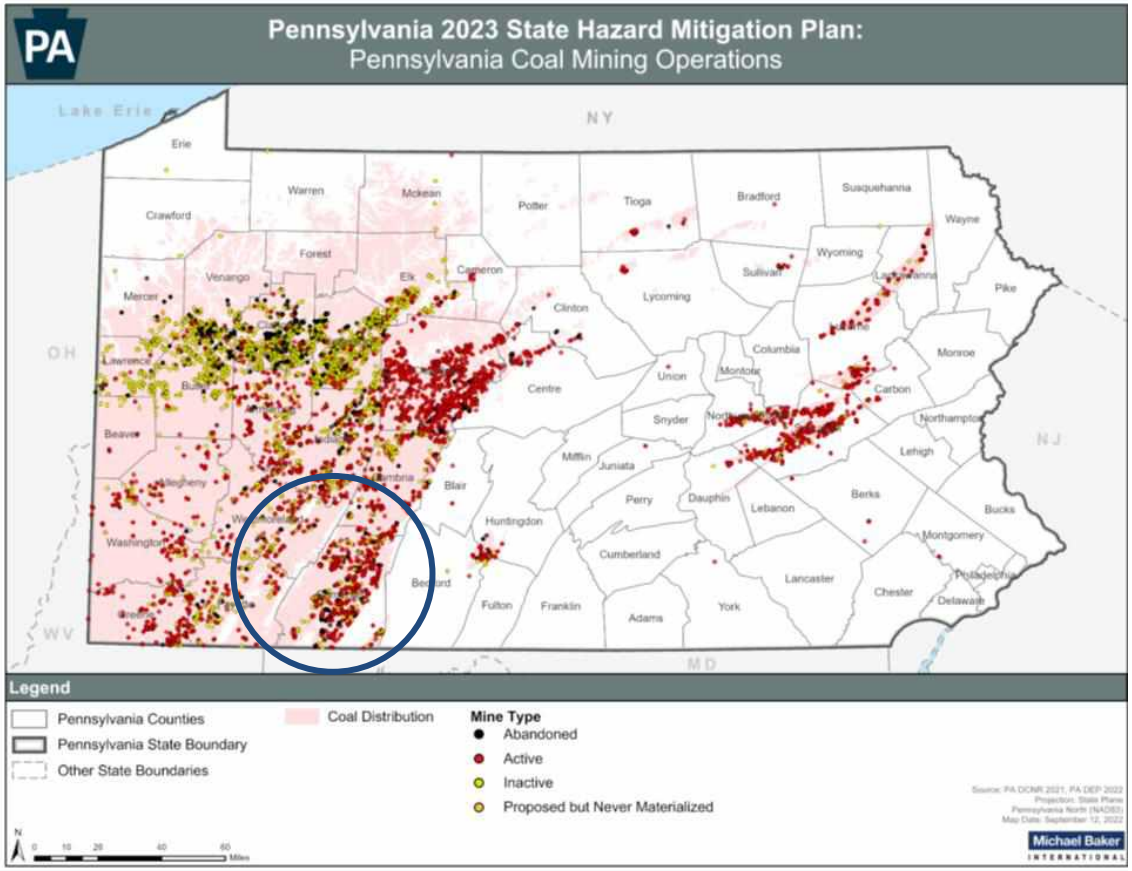
- Earthquake
  - History
    - 1 earthquake with an epicenter in the County since 1937.
    - A 2.6 magnitude earthquake took place at Jennerstown on February 3, 1982.
  - Exposure
    - Entire County



Risk Assessment Results

Hazard Profiles

- Environmental Hazards (Coal Mining)
  - History
    - Somerset County has the second-highest concentration of mines in the state, **with 1,028 active and abandoned bituminous mines throughout the county.**
    - Between 2015 and 2022, four mine fatalities and **153 injuries occurred in Somerset County** (MSHA 2022).



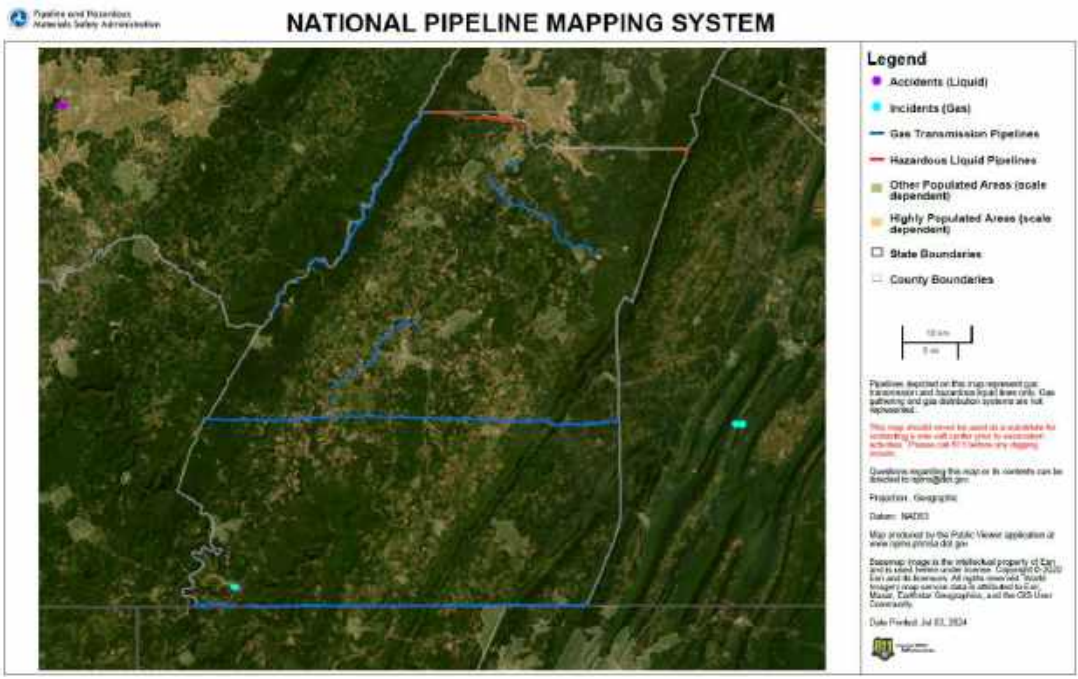
Risk Assessment Results

Hazard Profiles

- Environmental Hazards (Gas or Liquid Pipelines)
  - 158 miles of natural gas transmission pipelines
  - 8 miles of liquid petroleum lines

  – Exposure
    - 14,354 people within 1 mile of Hazardous Materials Pipelines.
    - 121 lifeline facilities within 1 mile of Hazardous Materials Pipelines.

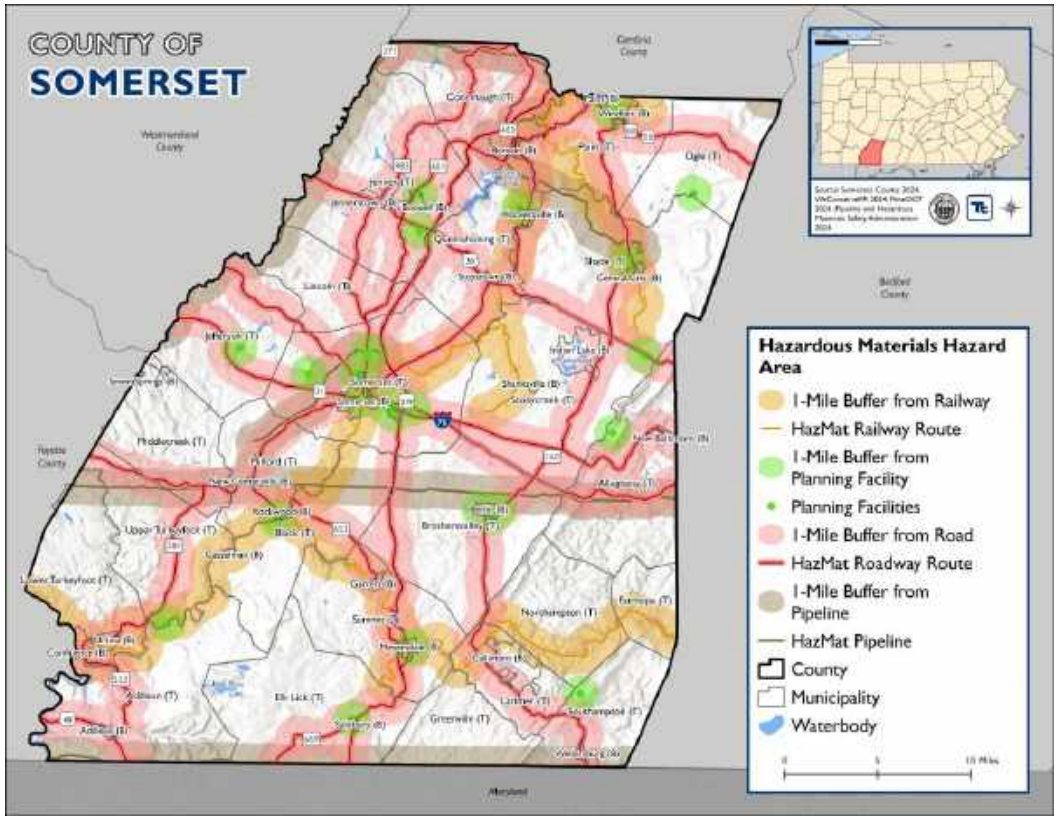
  – Expected damage depends on the incident



Risk Assessment Results

Hazard Profiles

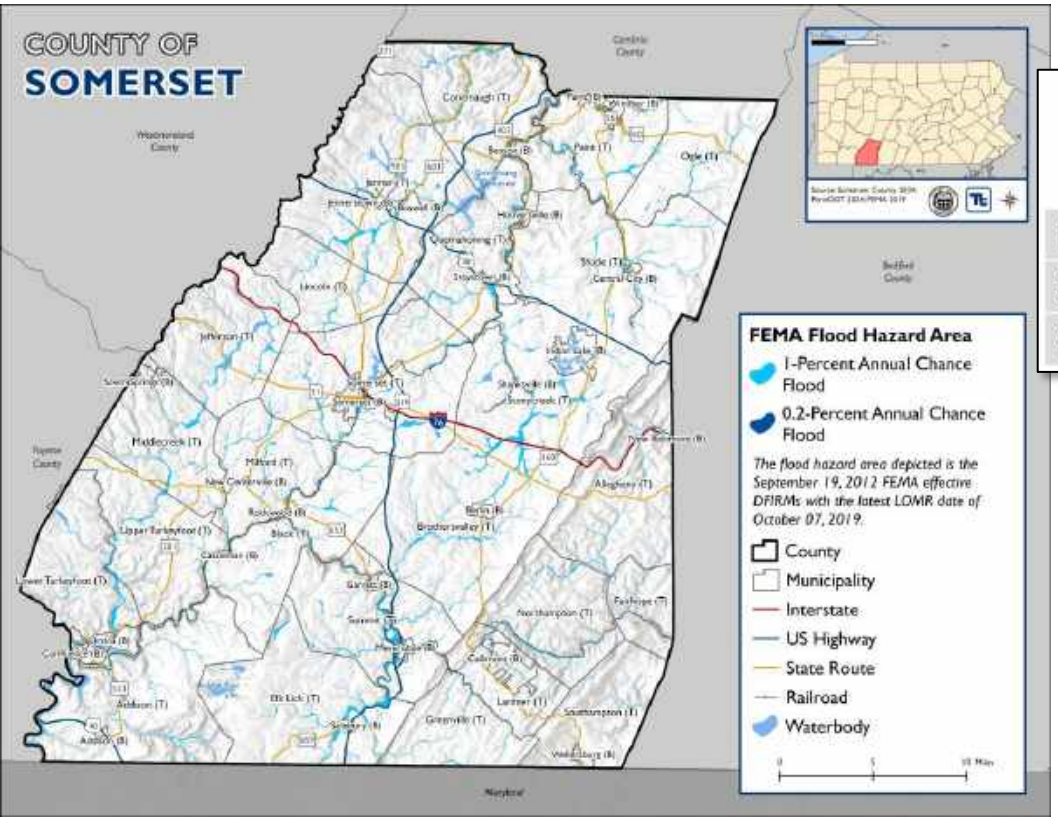
- Environmental Hazards (Hazardous Materials)
  - History (2018-2023)
    - **143** incidents countywide
  - Exposure
    - **60,546** people within 1 mile of major roadway
    - **27,034** people within vulnerability radius of a hazmat facility
  - Expected damage depends on the incident



Risk Assessment Results

Hazard Profiles

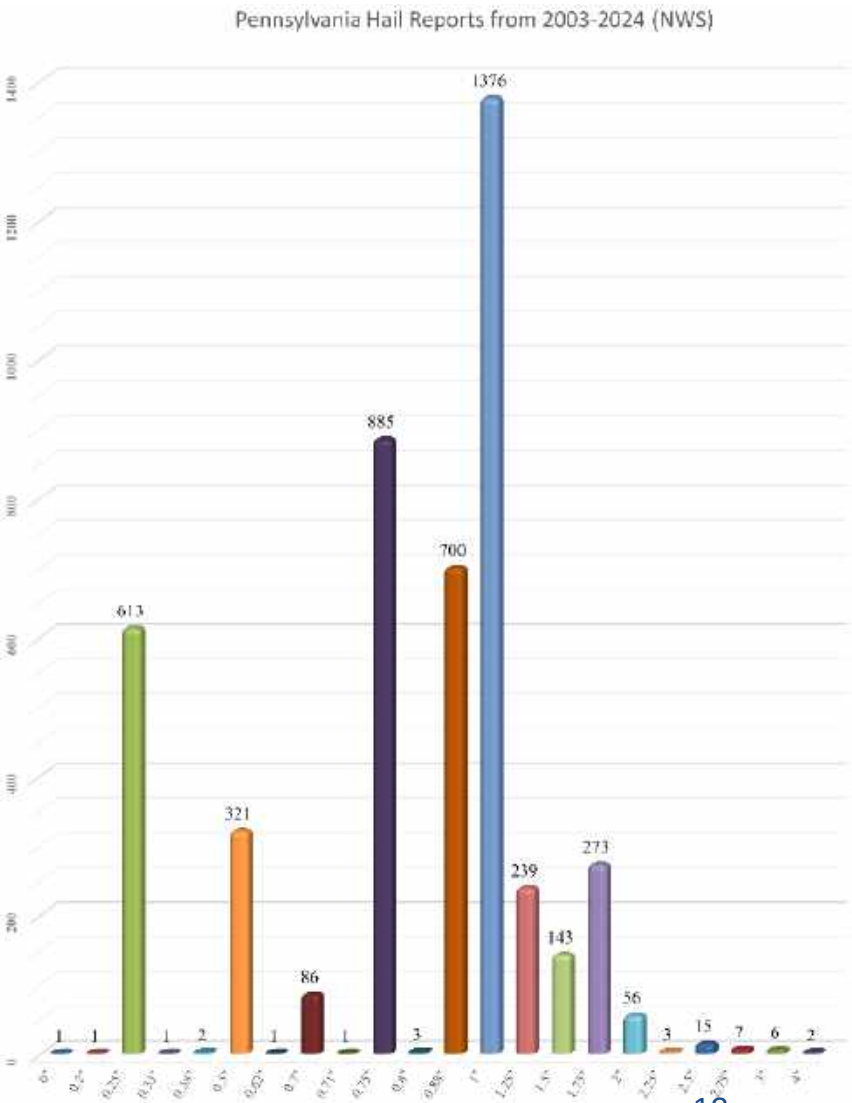
- Flood, Flash Flood, and Ice Jam
  - History
    - 12 disaster declarations since 1954 included Somerset Co.
    - 69 Flood, Flash Flood events since 1996 (NCEI)



	1% Annual Chance (100-year Flood)	0.2% Annual Chance (500-year Flood)
People	2,731	3,483
Structures	3,651	4,194
Critical Facilities	187	190

Risk Assessment Results
Hazard Profiles

- Hailstorm
  - History
    - Pennsylvania: up to **4.50”**
    - Somerset County: up to **1.75”**
    - 18 hailstorm events since 2000
    - Limited damage (NCEI) reported
  - Exposure
    - 157,175 acres of farmland



Risk Assessment Results

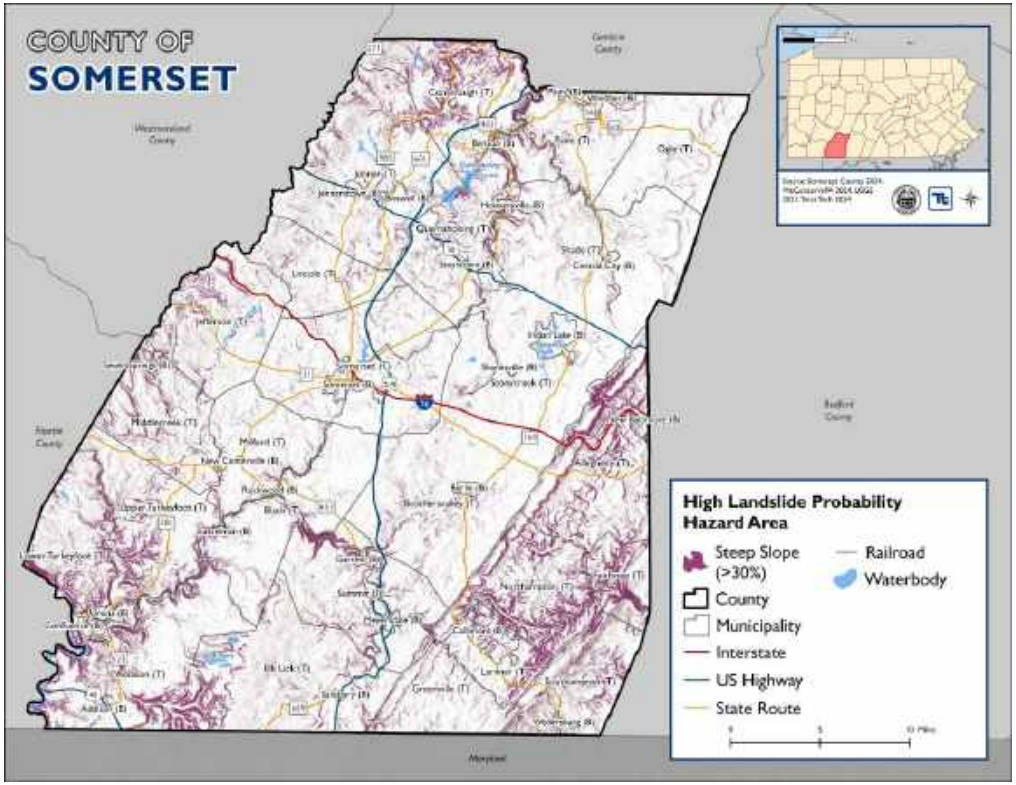
Hazard Profiles

- Invasive Species
  - Somerset County hosts a number of invasive pathogens, insects, plants, invertebrates, fish, and higher mammals
  - Invasive species contribute to a broad range of environmental impacts.
  - – Exposure
    - Economic impact has not been quantified for Somerset County,
    - County-wide agricultural losses were estimated at $115,449,000

Risk Assessment Results

Hazard Profiles

- Landslide
  - History
    - Historical landslide occurrences in Somerset County are not well known.
  - Exposure
    - Areas with greater than 25% slope
    - 800 residents in the landslide hazard area
    - Almost $600 million in property in the hazard area

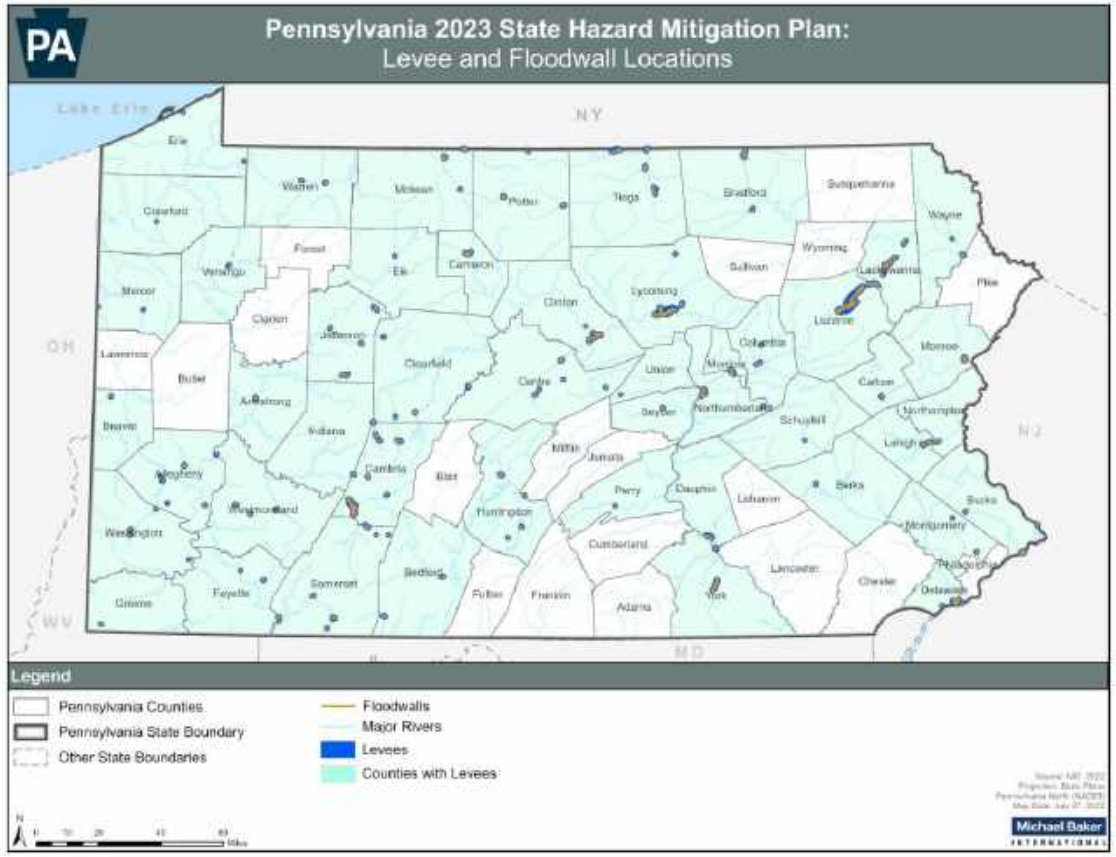


  - Expected losses depend on the nature and extent of the landslide

Risk Assessment Results

Hazard Profiles

- Levee Failure
  - 13 levee systems located in throughout the County
  - History
    - No known levee failures have been recorded in Somerset County.

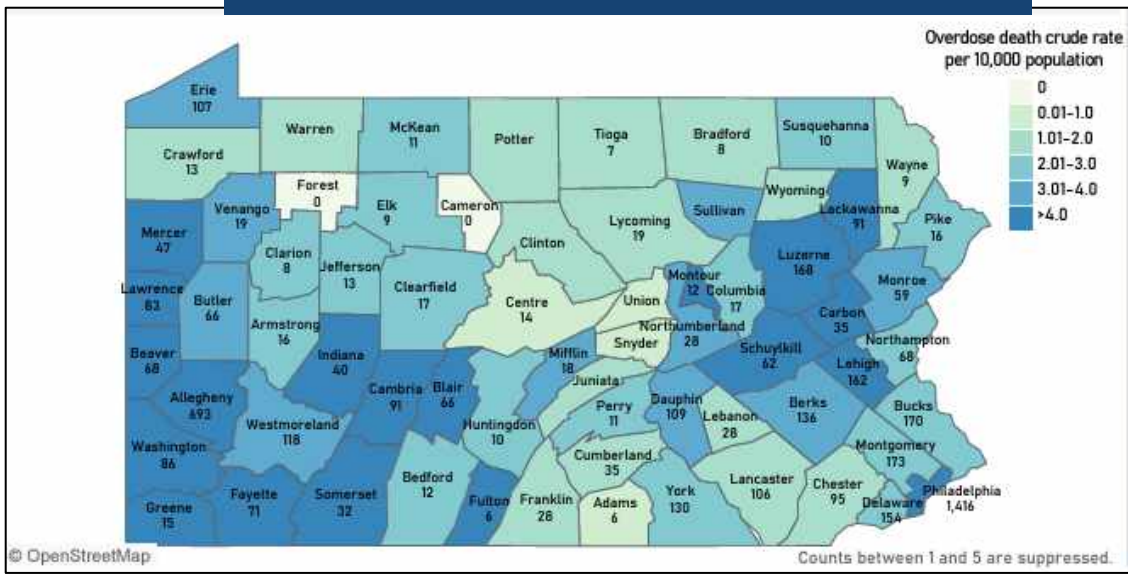


Risk Assessment Results

Hazard Profiles

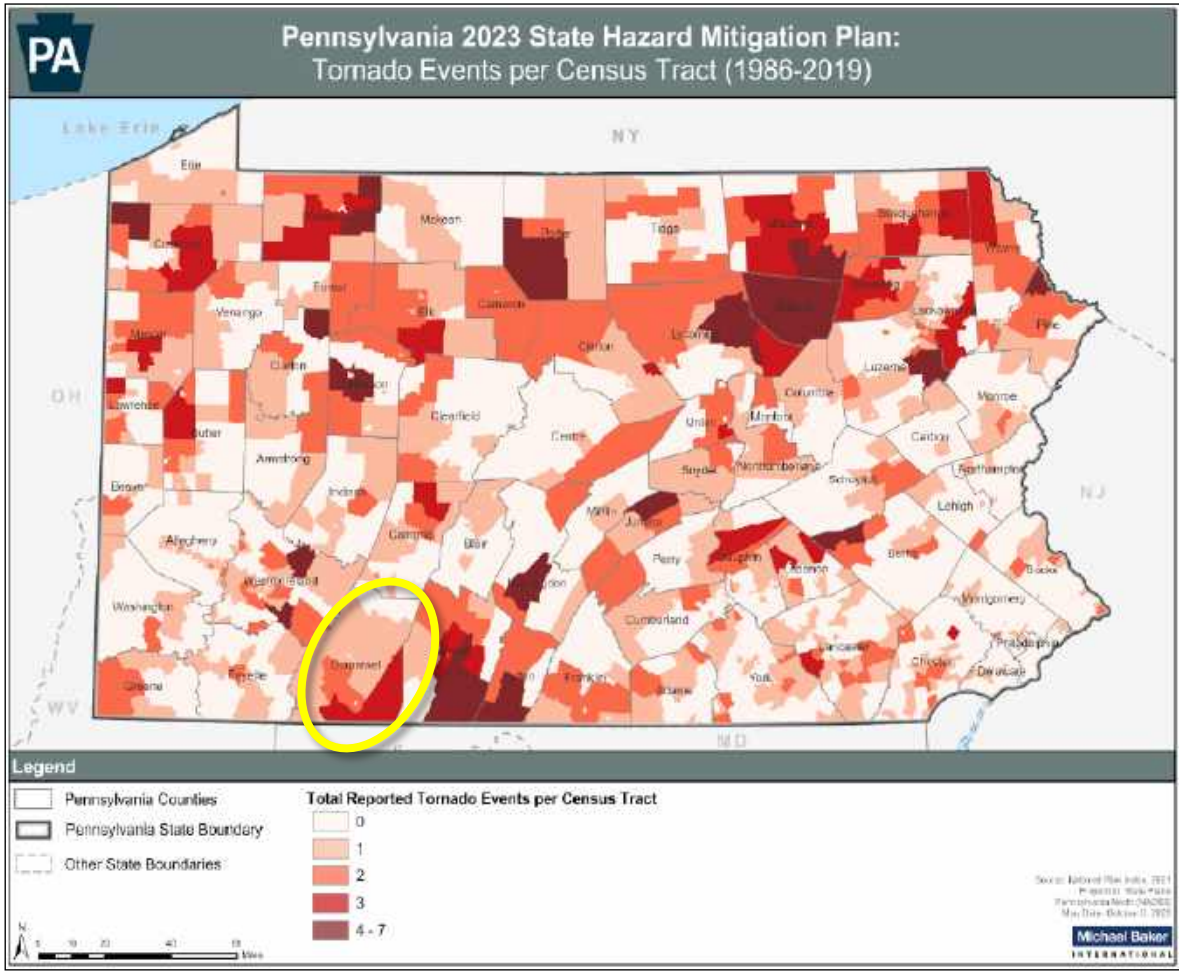
- Opioid Addiction Response
  - The number of overdoses within Somerset County has increased from 2012 to 2020 (Overdose Free PA, 2020).
  - The number of opioid overdose fatalities peaked in 2017 with 39 overdose related deaths (Overdose Free PA, 2020).
  - The number of reported opioid overdoses decreased from 2021 to 2022 by 4% (PDH, 2023).

Pennsylvania Overdose Deaths and Crude Rate by County, 2022



Risk Assessment Results
Hazard Profiles

- Tornadoes, Windstorms
  - History since 2010
    - **4** tornado events
    - **151** wind events
  - Building Exposure
    - **30,827** (residential)
    - **43,804** (commercial)
    - **228** (industrial)
    - **10,334** (other)
  - Population Exposure
    - **73,802** (2022 ACS 5-yr estimate)



Risk Assessment Results

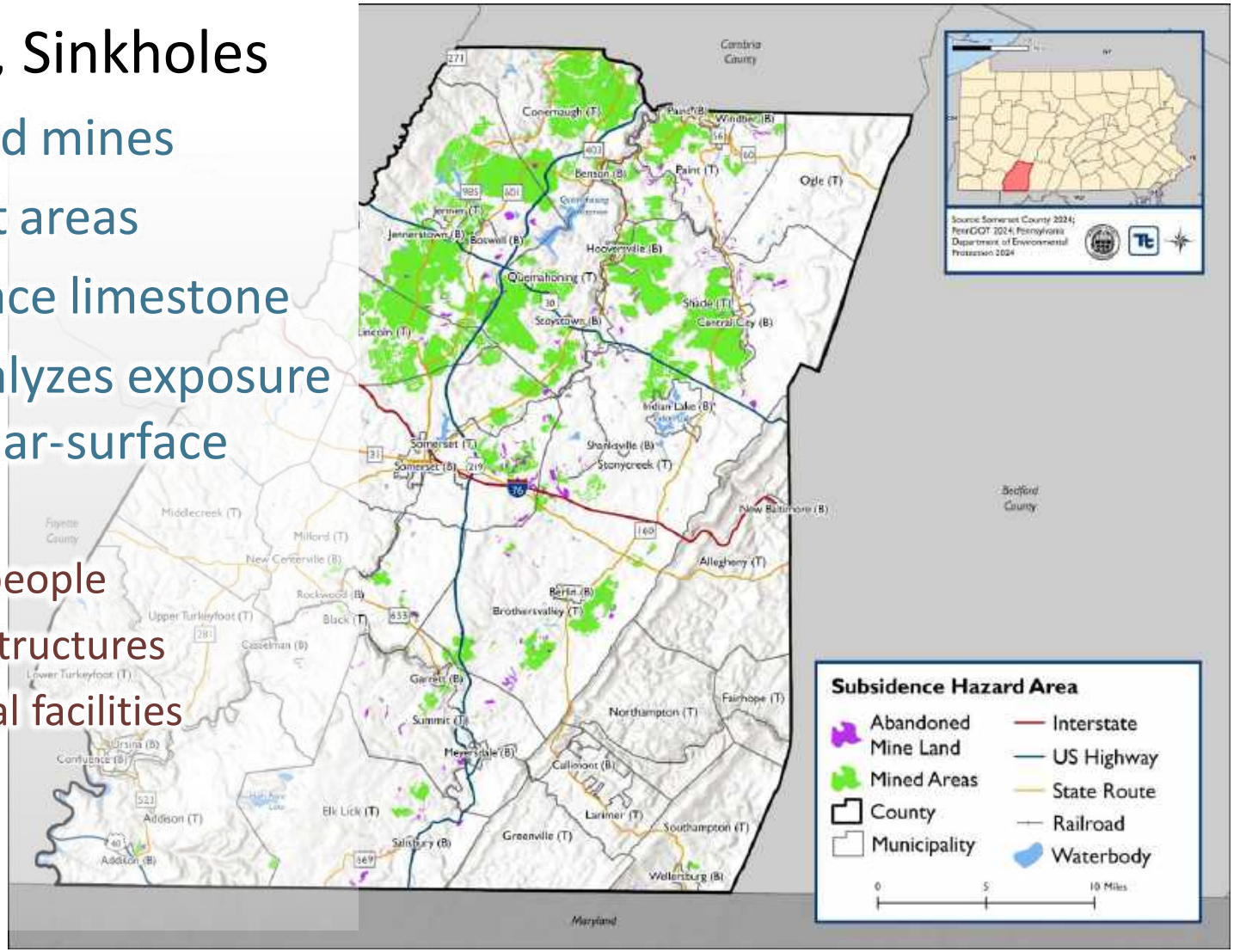
Hazard Profiles

- Pandemic and Infectious Disease
  - History
    - 1918-1920 – Spanish Flu H1N1
    - 1957-1958 – Asian Flu H2N2
    - 1968-1969 – Hong Kong Flu H3N2
    - 2009-2010 – Swine Flu H1N1
  - COVID-19 Exposure- As of June 2024
    - 22,527 confirmed cases
    - 213 deaths
    - 50% full vaccinations administered

Risk Assessment Results

Hazard Profiles

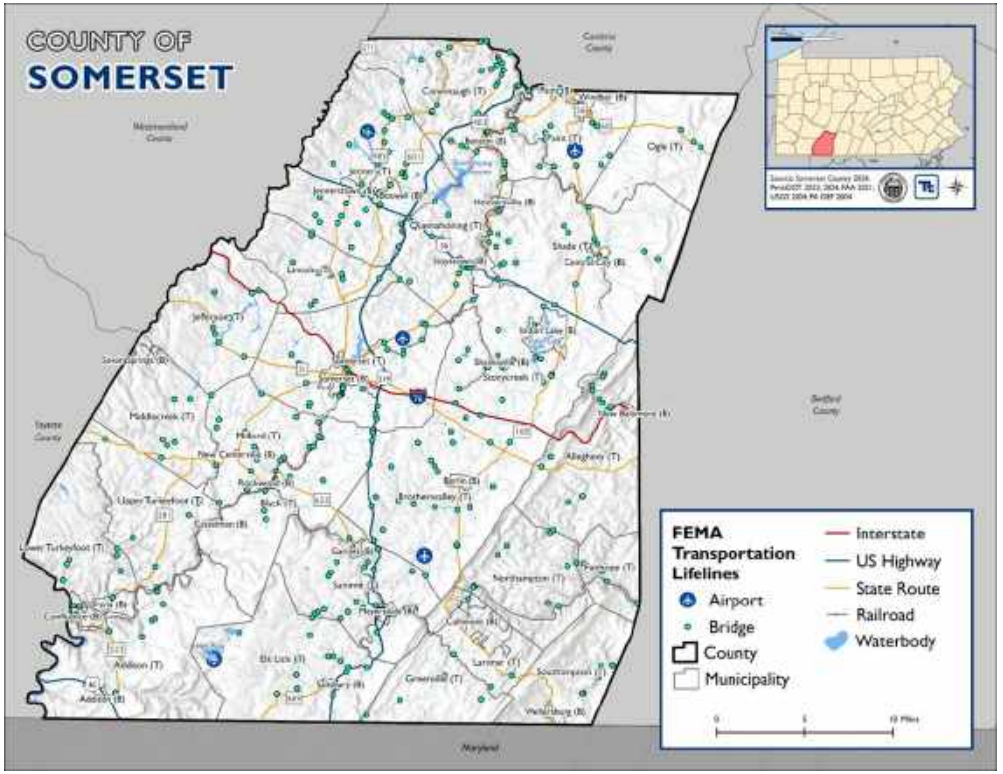
- Subsidence, Sinkholes
  - Abandoned mines
  - Mined-out areas
  - Near-surface limestone
  - Profile analyzes exposure only on near-surface limestone
    - 10,211 people
    - 11,033 structures
    - 73 critical facilities



Risk Assessment Results

Hazard Profiles

- Transportation Accidents
  - History (2018-2022)
    - 3,536 major vehicle accidents
    - 62 fatalities
  - Potential economic impacts and other damage
    - Hazardous materials releases
    - Power failure from utility poles being damaged



Risk Assessment Results

Hazard Profiles

- Terrorism

Plan update includes cyberterrorism

- Exposure
  - Terrorism can occur anywhere within Somerset County
  - First responders' safety may be at risk during on-scene operations, and there would be a higher-than-normal call volume/demand.

Risk Assessment Results

Hazard Profiles

- Utility Interruption
  - History (1996-2024)
    - 104 hazard events* detailing power outages or down wires (NCEI)
  - Exposure
    - Entire county
    - Regional events are usually the most severe
    - Impacts to vulnerable populations

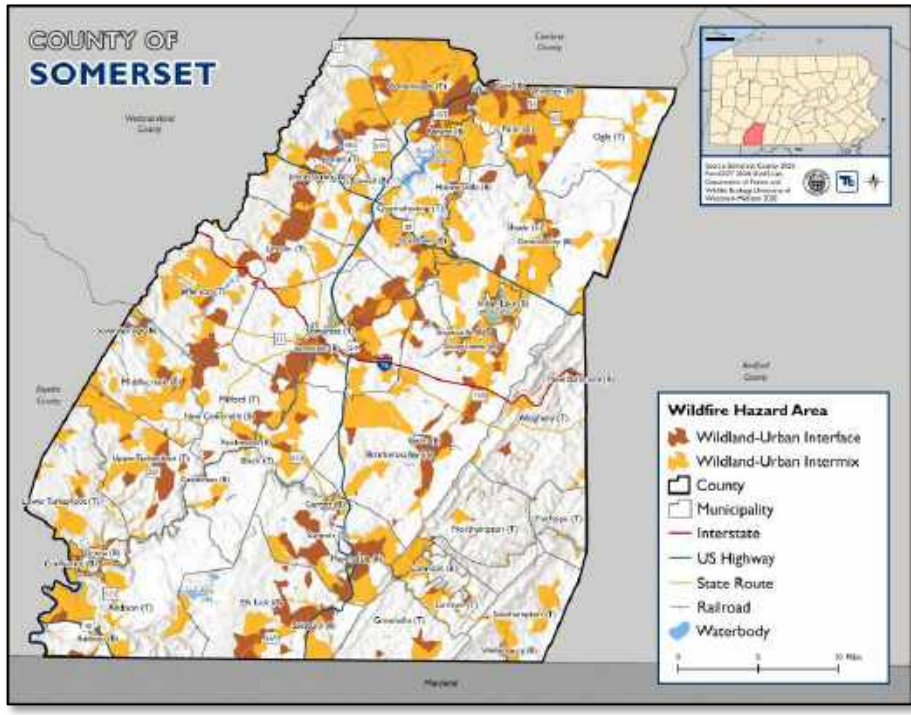
Event Types with Outages	Count
Heavy Snow	4
High Wind	13
Ice Storm	2
Lightning	1
Strong Wind	2
Thunderstorm Wind	75
Tornado	1
Tropical Storm	1
Winter Storm	5
Total	**104**

**Heavy Snow, High Wind, Ice Storm, Lightning, Strong Wind, Thunderstorm Wind, Tornado, Tropical Storm, Winter Storm*

Risk Assessment Results

Hazard Profiles

- Wildfire
  - History
    - In 2023, there were 140 wildfires burning 123.8 acres.
    - In 2022, there were 88 wildfires burning 157.8 acres.
    - In 2021, there were 140 wildfires burning 424.6 acres.
    - Does not include all events



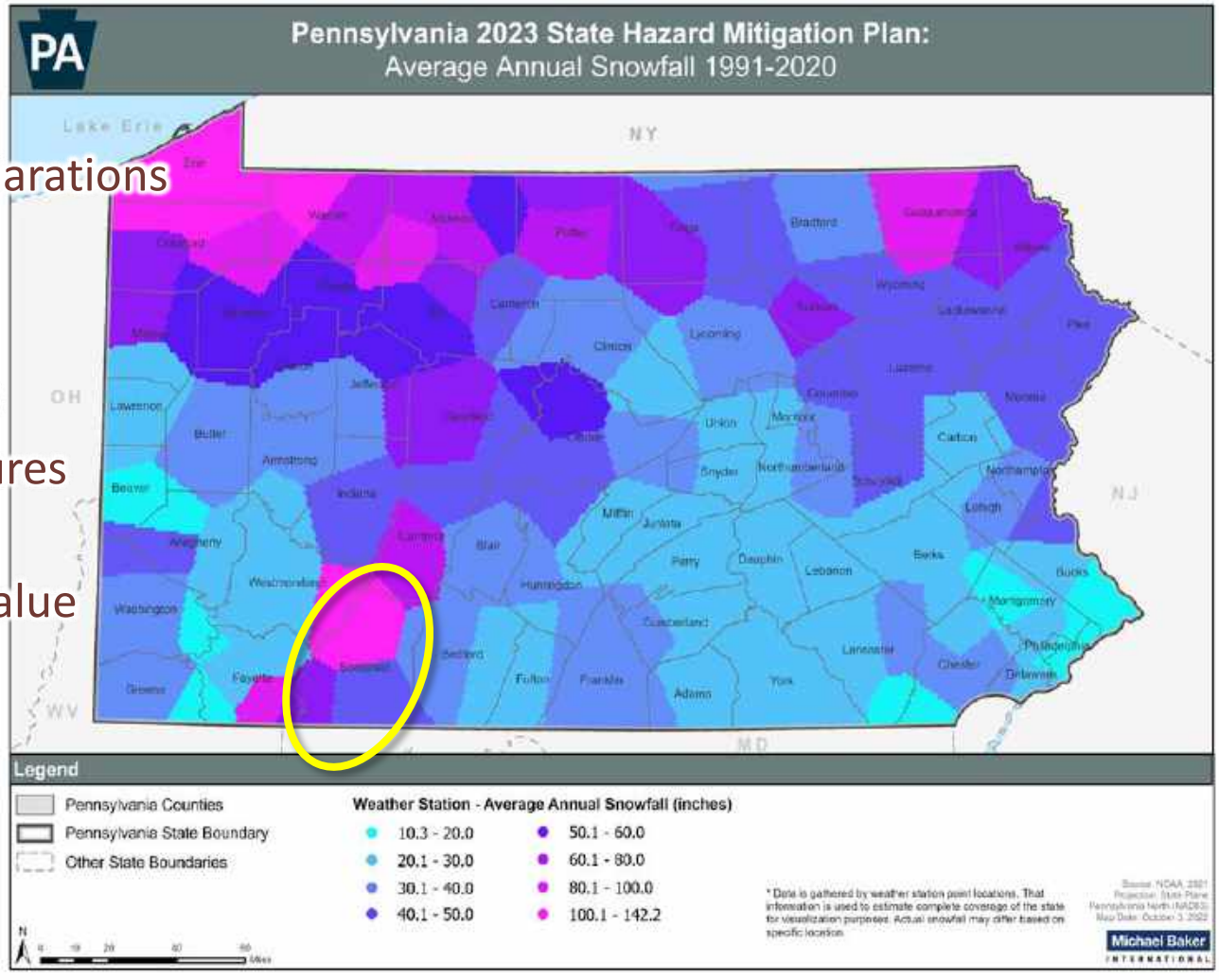
Exposure

WUI Interface	WUI Intermix	Total	
32,524 *(44.1%)*	**21,756** *(29.5%)*	**54,280** *(73.5%)*	Population
28,832 *(33.8%)*	**28,394** *(33.3%)*	**57,226** *(67.2%)*	Structures
213 *(29.9%)*	**175** *(24.5%)*	**388** *(54.4%)*	Critical Facilities

Risk Assessment Results

Hazard Profiles

- Winter Storm
  - History
    - 7 disaster declarations since 1954
  - Exposure
    - 73,802 people
    - 85,193 structures
    - $28.4 billion in structural value



Risk Assessment Results

Risk Factor Analysis

- Risk Ranking for Somerset County

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Opioid Addiction Response	4	4	4	1	4	3.7
	Flood, Flash Flood, Ice Jam	4	3	3	4	3	3.4
	Invasive Species	4	3	4	1	4	3.4
	Tornadoes and Windstorms	2	4	3	4	4	3.2
	Environmental Hazards (Hazmat Release)	3	3	3	4	3	3.1
	Dam Failure	2	4	3	2	4	3
	Levee Failure	2	4	3	2	4	3
	Utility Interruption	4	2	2	4	3	2.9
	Environmental Hazards (Oil and Natural Gas Pipelines)	3	2	3	4	3	2.8
	Pandemic and Infectious Disease	3	2	4	1	4	2.8
	Winter Storm	3	2	4	2	3	2.8
	Drought	2	2	4	1	4	2.5
	Transportation Accidents	4	1	2	4	2	2.5
	Wildfire	3	2	2	4	2	2.5
MODERATE	Environmental Hazards (Coal Mining)	3	2	1	4	3	2.4
	Subsidence and Sinkholes	2	2	2	4	4	2.4
	Hailstorm	2	2	2	4	1	2.1
LOW	Terrorism	2	2	1	4	1	1.9

Risk Assessment Results

Risk Factor Analysis

- Municipal Risk Factor Analysis

Jurisdiction Risk - _____ (Municipality)

Municipality	Opioid Addiction Response	Flood, Flash Flood, Ice Jam	Invasive Species	Tornadoes and Windstorms	Environmental Hazards (Hazmat Release)	Dam Failure	Levee Failure	Utility Interruption	Environmental Hazards (Oil and Natural Gas	Pandemic and Infectious Disease	Winter Storm	Drought	Transportation Accidents	Wildfire	Environmental Hazards (Coal Mining)	Subsidence and Sinkholes	Hailstorm	Terrorism	Landslide	Earthquake
	3.7	3.4	3.4	3.2	3.1	3	3	2.9	2.8	2.8	2.8	2.5	2.5	2.5	2.4	2.4	2.1	1.9	1.8	1.3

> Your municipality's risk from this hazard is greater than the County's risk as a whole.

< Your municipality's risk from this hazard is less than the County's risk as a whole.

= Your municipality's risk from this hazard is about the same as the County's risk as a whole

Next Steps

- Complete Municipal Worksheets
- Identify Mitigation Actions
- Conduct Mitigation Solutions Workshop

Questions?

Thank you for your time!

Contacts

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7-3-24 Meeting HMP

Risk Assessment / Capability

Lt. Tracey Zimmerman - SCI Somerset → tr.zimmerma@pa.gov

FSM Ken Sisler - SCI Somerset

Joel Landis County EMA

Kevin Broadwater County EMA Somerset.

Barry Thomas Borough of New Baltetville / Laurel Highland Municipal Authority

Shar McCoy County EMA

→ Craig Walte-mire Milford Township

MEETING NOTES

Meeting	Somerset County, Pennsylvania Hazard Mitigation Plan (HMP) Risk Assessment Meeting		
Date	July 3, 2024	Time	2:00 p.m. – 3:30 p.m.
Location	Somerset County Department of Emergency Services, 100 East Union Street, Somerset, PA		
Attendees	Joel D. Landis, Emergency Management Agency (EMA) Director, Somerset County Department of Emergency Services (DES)		
	Kevin Broadwater, EMA Specialist, Somerset County DES		
	Angela Emerick, Administrative Assistant, Somerset County DES		
	Charles Hughes, PEMA		
	Chad Sines, Planning Director, Somerset County Planning Commission		
	Harvey Wetzler, Addison Township; Addison VFD		
	Jonathon Hoover, Duke LifePoint (DLP) Conemaugh Meyersdale		
	Craig Hollis-Nicholson, Somerset County 911		
	Lisa Danner, Project Manager, Tetra Tech		
	Paige Kaspar, Lead Planner, Tetra Tech		

Discussion Points

This section summarizes each discussion point addressed during the Risk Assessment Review Meeting.

Welcome

Mrs. Danner welcomed attendees to the meeting and the planning process. Attendees introduced themselves and identified the organizations they represented.

Worksheet Completion Status

The status of the Hazard Evaluation, Capability Assessment, Mitigation Strategy, and NFIP surveys that had been provided to the municipalities to complete was reviewed. At the start of the meeting, 19 of the 50 municipalities had completed the surveys. Reminders were provided to the remaining municipalities to complete and submit their worksheets.

Risk Assessment Results

Mrs. Danner reviewed the draft risk assessment results. She described the hazards that were profiled. High-risk hazards included Opioid Addiction Response, Flood, Flash Flood, Ice Jam, Invasive Species, Tornadoes and Windstorms, Environmental Hazards (Hazmat Release), Dam Failure, Levee Failure, Utility Interruption, Environmental Hazards (Oil and Natural Gas Pipelines), Pandemic and Infectious Disease, Winter Storm, Drought, Transportation Accidents, and Wildfire. Moderate-risk hazards included

MEETING NOTES

Environmental Hazards (Coal Mining), Subsidence and Sinkholes, and Hailstorm. Terrorism, Landslide, and Earthquake were rated as low risk.

There was discussion on the Dam Failure Profile. The County asked for Tetra Tech to rereview previous occurrences data. It was mentioned that the Pine Lake Dam is not a Somerset County Dam. Tetra Tech will re-review the National Dams Inventory Database and the last plan update to determine if this occurrence should be included.

Tetra Tech had asked the County if their GIS team has an Active Coal Mine Operation Layer. The County had stated that PADEP has coal mine data layers.

Tetra Tech asked the County if their GIS team has an updated Levees layer. The County had stated to use the National Levees Database.

For the Sinkhole/ Subsidence hazard profile the County had asked for Tetra Tech's GIS team to determine and separately identify both surface and deep level mines located on the abandoned mines map that was presented. Tetra Tech will update this map with their GIS team.

In the previous plan, use of the Knowledge Center helped determine previous occurrences for hazard profiles. PEMA's Knowledge Center no longer exists, and counties are now utilizing WebEOC. Tetra Tech will work with the County to determine how WebEOC can be utilized for this plan update.

The County stated that their Board of Education has a new administration. The County and Tetra Tech will work together on a good outreach approach to include them in the planning process.

Next Steps

The following next steps were reviewed at the meeting:

1. Municipalities that had not submitted their worksheets will do so.
2. Updates will be made to the identified hazards:
    a. Dam Failure
    b. Levees
    c. Environmental Hazards- Coal Mining
    d. Sinkhole/ Subsidence

The meeting adjourned at 3:05 p.m.

Capability Assessment Survey

Name: _____ **Title:** _____

Jurisdiction: _____ **Email:** _____

Phone Number: _____

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Development		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2024		County EMA	Interim update in 2019 revised mitigation strategy; completed one action.
Hazard Mitigation Plan					
Emergency Operations Plan					
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Development		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use/land development knowledge)				
Planners or engineers (with natural and/or human-caused hazards knowledge)				
Engineers or professionals trained in building and/or infrastructure construction practices (including building inspectors)				
Emergency Manager				
Floodplain Manager				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)				
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees				
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety-related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs of populations, etc.				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on the best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability			
Education and Outreach			

Capability Assessment Tables

The criteria for the assessments for each Somerset County municipality are listed in the tables on the following pages:

- Table 1 lists the criteria for the planning and regulatory capability.
- Table 2 lists criteria for administrative and technical capability.
- Table 3 lists fiscal capability.
- Table 4 lists education and outreach capabilities.
- Table 5 presents a capability self-assessment matrix.

Table 1. Planning and Regulatory Capability

Municipality	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
Somerset County	X																					
Addison (B)	X																					
Addison (T)	X																					
Allegheny (T)	X																					
Benson (B)	X																					
Berlin (B)	X																					
Black (T)	X																					
Boswell (B)	X																					
Brothersvalley (T)	X																					
Callimont (B)	X																					
Casselman (B)	X																					
Central City (B)	X																					
Conemaugh (T)	X																					
Confluence (B)	X																					
Elk Lick (T)	X																					
Fairhope (T)	X																					
Garrett (B)	X																					
Greenville (T)	X																					
Hooversville (B)	X																					

Municipality	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
Indian Lake (B)	X																					
Jefferson (T)	X																					
Jenner (T)	X																					
Jennerstown (B)	X																					
Larimer (T)	X																					
Lincoln (T)	X																					
Lower Turkeyfoot (T)	X																					
Meyersdale (B)	X																					
Middlecreek (T)	X																					
Milford (T)	X																					
New Baltimore (B)	X																					
New Centerville (B)	X																					
Northampton (T)	X																					
Ogle (T)	X																					
Paint (B)	X																					
Paint (T)	X																					
Quemahoning (T)	X																					
Rockwood (B)	X																					
Salisbury (B)	X																					
Seven Springs (B)	X																					
Shade (T)	X																					
Shanksville (B)	X																					
Somerset (B)	X																					

Municipality	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
Somerset (T)	X																					
Southampton (T)	X																					
Stonycreek (T)	X																					
Stoystown (B)	X																					
Summit (T)	X																					
Upper Turkeyfoot (T)	X																					
Ursina (B)	X																					
Wellersburg (B)	X																					
Windber (B)	X																					

Notes:
COOP Continuity of Operations
CRS Community Rating System
EOP Emergency Operations Plan
NFIP National Flood Insurance Program

Table 2. Administrative and Technical Capability

Municipality	Planners (with land use/land development knowledge)	Planners or Engineers (with natural and/or human-caused hazards knowledge)	Engineers or Professionals trained in building and/or infrastructure construction practices	Emergency Managers	NFIP Floodplain Administrator	Land Surveyors	Scientists or Staff familiar with the hazards of the community	Personnel skilled in GIS and/or the FEMA HAZUS program	Grant Writers or Fiscal Staff to handle large/complex grants	Staff with expertise or training in Benefit-Cost Analysis	Other
Somerset County											
Addison (B)											
Addison (T)											
Allegheny (T)											
Benson (B)											
Berlin (B)											
Black (T)											
Boswell (B)											
Brothersvalley (T)											
Callimont (B)											
Casselman (B)											
Central City (B)											
Conemaugh (T)											
Confluence (B)											
Elk Lick (T)											
Fairhope (T)											
Garrett (B)											
Greenville (T)											
Hooversville (B)											
Indian Lake (B)											
Jefferson (T)											
Jenner (T)											
Jennerstown (B)											
Larimer (T)											
Lincoln (T)											
Lower Turkeyfoot (T)											
Meyersdale (B)											
Middlecreek (T)											
Milford (T)											
New Baltimore (B)											
New Centerville (B)											

Municipality	Planners (with land use/land development knowledge)	Planners or Engineers (with natural and/or human-caused hazards knowledge)	Engineers or Professionals trained in building and/or infrastructure construction practices	Emergency Managers	NFIP Floodplain Administrator	Land Surveyors	Scientists or Staff familiar with the hazards of the community	Personnel skilled in GIS and/or the FEMA HAZUS program	Grant Writers or Fiscal Staff to handle large/complex grants	Staff with expertise or training in Benefit-Cost Analysis	Other
Northampton (T)											
Ogle (T)											
Paint (B)											
Paint (T)											
Quemahoning (T)											
Rockwood (B)											
Salisbury (B)											
Seven Springs (B)											
Shade (T)											
Shanksville (B)											
Somerset (B)											
Somerset (T)											
Southampton (T)											
Stonycreek (T)											
Stoystown (B)											
Summit (T)											
Upper Turkeyfoot (T)											
Ursina (B)											
Wellersburg (B)											
Windber (B)											

Notes:

FEMA	Federal Emergency Management Agency	HAZUS	Hazards U.S. – Multi-Hazard
GIS	Geographic Information System	NFIP	National Flood Insurance Program

Table 3. Fiscal Capability

Municipality	Capital Improvements Program	Community Development Block Grants (CDBG)	Special Purpose Taxes	Gas/Electric Utility Fees	Water/Sewer Fees	Stormwater Utility Fees	Development Impact Fees	General Obligation, Revenue, and/or Special Tax Bonds	Partnering Arrangements or Intergovernmental Agreements	Other
Somerset County										
Addison (B)										
Addison (T)										
Allegheny (T)										
Benson (B)										
Berlin (B)										
Black (T)										
Boswell (B)										
Brothersvalley (T)										
Callimont (B)										
Casselman (B)										
Central City (B)										
Conemaugh (T)										
Confluence (B)										
Elk Lick (T)										
Fairhope (T)										
Garrett (B)										
Greenville (T)										
Hooversville (B)										
Indian Lake (B)										
Jefferson (T)										
Jenner (T)										
Jennerstown (B)										
Larimer (T)										
Lincoln (T)										
Lower Turkeyfoot (T)										
Meyersdale (B)										
Middlecreek (T)										
Milford (T)										
New Baltimore (B)										
New Centerville (B)										
Northampton (T)										
Ogle (T)										

Municipality	Capital Improvements Program	Community Development Block Grants (CDBG)	Special Purpose Taxes	Gas/Electric Utility Fees	Water/Sewer Fees	Stormwater Utility Fees	Development Impact Fees	General Obligation, Revenue, and/or Special Tax Bonds	Partnering Arrangements or Intergovernmental Agreements	Other
Paint (B)										
Paint (T)										
Quemahoning (T)										
Rockwood (B)										
Salisbury (B)										
Seven Springs (B)										
Shade (T)										
Shanksville (B)										
Somerset (B)										
Somerset (T)										
Southampton (T)										
Stonycreek (T)										
Stoystown (B)										
Summit (T)										
Upper Turkeyfoot (T)										
Ursina (B)										
Wellersburg (B)										
Windber (B)										

Table 4. Education and Outreach Capability

Municipality	Firewise Communities Certification	StormReady Certification	Natural Disaster or Safety-Related School Programs	Ongoing public education or information programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Public-private partnership initiatives addressing disaster-related issues	Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc.	Other
Somerset County							
Addison (B)							
Addison (T)							
Allegheny (T)							
Benson (B)							
Berlin (B)							
Black (T)							
Boswell (B)							
Brothersvalley (T)							
Callimont (B)							
Casselman (B)							
Central City (B)							
Conemaugh (T)							
Confluence (B)							
Elk Lick (T)							
Fairhope (T)							
Garrett (B)							
Greenville (T)							
Hooversville (B)							
Indian Lake (B)							
Jefferson (T)							
Jenner (T)							
Jennerstown (B)							
Larimer (T)							
Lincoln (T)							
Lower Turkeyfoot (T)							
Meyersdale (B)							
Middlecreek (T)							
Milford (T)							
New Baltimore (B)							
New Centerville (B)							
Northampton (T)							

Municipality	Firewise Communities Certification	StormReady Certification	Natural Disaster or Safety-Related School Programs	Ongoing public education or information programs (e.g., responsible water use, fire safety, household preparedness, environmental education)	Public-private partnership initiatives addressing disaster-related issues	Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc.	Other
Ogle (T)							
Paint (B)							
Paint (T)							
Quemahoning (T)							
Rockwood (B)							
Salisbury (B)							
Seven Springs (B)							
Shade (T)							
Shanksville (B)							
Somerset (B)							
Somerset (T)							
Southampton (T)							
Stonycreek (T)							
Stoystown (B)							
Summit (T)							
Upper Turkeyfoot (T)							
Ursina (B)							
Wellersburg (B)							
Windber (B)							

Table 5. Capability Self-Assessment Matrix

Municipality	Capability Category			
	Planning and Regulatory Capability	Administrative and Technical Capability	Financial Capability	Education and Outreach Capability
Somerset County				
Addison (B)				
Addison (T)	M	M	M	M
Allegheny (T)	L	L	L	L
Benson (B)				
Berlin (B)	M	L	M	L
Black (T)	L	L	L	L
Boswell (B)	L	L	L	L
Brothersvalley (T)	L	L	L	L
Callimont (B)	M	M	M	M
Casselman (B)				
Central City (B)				
Conemaugh (T)	H	H	H	H
Confluence (B)	L	L	L	L
Elk Lick (T)	M	M	M	M
Fairhope (T)	L	L	L	L
Garrett (B)	M	M	M	M
Greenville (T)	M	M	M	M
Hooversville (B)	M	M	M	M
Indian Lake (B)	M	M	L	M
Jefferson (T)	M	M	M	L
Jenner (T)	M	M	M	M
Jennerstown (B)	L	L	L	L
Larimer (T)	M	M	M	M
Lincoln (T)	M	L	L	M
Lower Turkeyfoot (T)	M	M	L	M
Meyersdale (B)	M	M	M	M
Middlecreek (T)	L	L	L	L
Milford (T)				
New Baltimore (B)	L	L	L	L
New Centerville (B)	L	L	L	L
Northampton (T)	M	L	M	L
Ogle (T)	L	L	L	L
Paint (B)	M	L	L	L
Paint (T)	M	M	L	M
Quemahoning (T)	M	M	L	M
Rockwood (B)	M	M	M	M

Municipality	Capability Category			
	Planning and Regulatory Capability	Administrative and Technical Capability	Financial Capability	Education and Outreach Capability
Salisbury (B)	L	L	L	L
Seven Springs (B)				
Shade (T)	L	L	L	L
Shanksville (B)				
Somerset (B)	L	L	L	L
Somerset (T)	M	L	M	M
Southampton (T)	M	M	M	M
Stonycreek (T)	L	L	L	L
Stoystown (B)	L	L	L	L
Summit (T)	M	M	M	M
Upper Turkeyfoot (T)				
Ursina (B)	L	L	L	L
Wellersburg (B)	M	M	M	M
Windber (B)	M	H	M	H

Notes:

The values shown are from the 2020 HMP.

Blank space indicates no response received from the municipality for the 2019 HMP update or the current effort.

L = Limited

M = Moderate

H = High

Please provide the following information for the update of actions and initiatives for your mitigation strategy. Suggested actions have been developed based on an analysis of Fulton County's needs and capabilities or were carried over from the previous hazard mitigation plan (HMP) update. If questions do not apply to your municipality, please indicate with N/A.

Please provide as much detail as possible so that mitigation actions can be expanded and customized for your municipality to accurately reflect your capabilities and methods of operation.

1. Which properties in your jurisdiction are most at-risk to flood events and would have the greatest need for retrofitting or other flood hazard mitigation measures? All repetitive loss and severe repetitive loss properties should be included. Specific property addresses do not need to be listed, (to ensure residential privacy) but names of streets or neighborhoods can be included.

2. What public outreach and education actions would you be most interested in implementing?
   A. Provide general natural hazard risk preparedness and mitigation and related National Flood Insurance Program (NFIP) information in regular newsletters and mailings.
   B. Provide natural hazard risk and risk reduction information through social media channels and e-mail blast systems.
   C. Post flyers and other readily available NFIP informational materials at municipal hall or distribute at regular civic meetings.
   D. Develop/maintain a natural hazard risk management webpage on the municipal website where information and mapping can be posted.
   E. Encourage regular offerings of the American Red Cross Citizen's Disaster Course and other relevant classes.
   F. Encourage private business owners and managers of infrastructure that provide critical services in post-disaster situations to develop Continuity of Operations Plans or Business Continuity Plans.
   G. Enhance public outreach to residents in NFIP floodplain areas to inform them of annual grant opportunities, which may include distributing periodic articles and including handouts in the annual newsletter.
   H. Other:

3. Which critical facilities still need or would benefit from a backup generator or redundant power supply?

4. Which roads would benefit from mitigation or structural projects to reduce vulnerability to hazardous materials (HazMat) incidents? Also, please specify the types of projects that would most help a high-risk road (for example, lower speed limits), if this information is available.

5. Which roads would benefit from mitigation or structural projects to reduce vulnerability to flood or stormwater incidents? Also, please specify the types of projects that would most help a high-risk road (for example, new/expanded culvert, road elevation, repaving, etc.), if this information is available.

6. What areas in the municipality are still in need of stormwater rehabilitation and upgrades?

7. What other roads in the municipality are considered high-risk and would benefit from improved design, routing, and traffic control functions? Which hazards (if any) are these roads most vulnerable to?

   Hazards being profiled in the HMP are dam failure, drought, earthquake, environmental hazards (hazardous materials releases), flood, hailstorm, landslide, radon exposure, subsidence and sinkholes, tornadoes and windstorms, transportation accidents, wildfire, and winter storms.

8. What other mitigation projects are you interested in or targeting for completion during the next 5 years? Please provide as much detail as possible.

Risk Ranking for Somerset County

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Opioid Addiction Response	4	4	4	1	4	3.7
	Flood, Flash Flood, Ice Jam	4	3	3	4	3	3.4
	Invasive Species	4	3	4	1	4	3.4
	Tornadoes and Windstorms	2	4	3	4	4	3.2
	Environmental Hazards (Hazmat Release)	3	3	3	4	3	3.1
	Dam Failure	2	4	3	2	4	3
	Levee Failure	2	4	3	2	4	3
	Utility Interruption	4	2	2	4	3	2.9
	Environmental Hazards (Oil and Natural Gas Pipelines)	3	2	3	4	3	2.8
	Pandemic and Infectious Disease	3	2	4	1	4	2.8
	Winter Storm	3	2	4	2	3	2.8
	Drought	2	2	4	1	4	2.5
	Transportation Accidents	4	1	2	4	2	2.5
	Wildfire	3	2	2	4	2	2.5
MODERATE	Environmental Hazards (Coal Mining)	3	2	1	4	3	2.4
	Subsidence and Sinkholes	2	2	2	4	4	2.4

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
	Hailstorm	2	2	2	4	1	2.1
LOW	Terrorism	2	2	1	4	1	1.9
	Landslide	2	1	1	4	3	1.8
	Earthquake	1	1	1	4	1	1.3

Jurisdiction Risk - _____ (Municipality)

Municipality	Opioid Addiction Response	Flood, Flash Flood, Ice Jam	Invasive Species	Tornadoes and Windstorms	Environmental Hazards (Hazmat Release)	Dam Failure	Levee Failure	Utility Interruption	Environmental Hazards (Oil and Natural Gas	Pandemic and Infectious Disease	Winter Storm	Drought	Transportation Accidents	Wildfire	Environmental Hazards (Coal Mining)	Subsidence and Sinkholes	Hailstorm	Terrorism	Landslide	Earthquake
	3.7	3.4	3.4	3.2	3.1	3	3	2.9	2.8	2.8	2.8	2.5	2.5	2.5	2.4	2.4	2.1	1.9	1.8	1.3

> Your municipality's risk from this hazard is greater than the County's risk as a whole.

< Your municipality's risk from this hazard is less than the County's risk as a whole.

= Your municipality's risk from this hazard is about the same as the County's risk as a whole

Summary of Risk Factor (RF) Methodology				
Risk Assessment Category	**Degree of Risk**			**Weight Value**
	Level	**Criteria**	**Index**	
PROBABILITY *What is the likelihood of a hazard event occurring in a given year?*	UNLIKELY	LESS THAN 1% ANNUAL PROBABILITY	1	30%
	POSSIBLE	BETWEEN 1% & 49.9% ANNUAL PROBABILITY	2	
	LIKELY	BETWEEN 50% & 90% ANNUAL PROBABILITY	3	
	HIGHLY LIKELY	GREATER THAN 90% ANNUAL PROBABILITY	4	
IMPACT *In terms of injuries, damage, or death, would you anticipate impacts to be minor, limited, critical, or catastrophic when a significant hazard event occurs?*	MINOR	VERY FEW INJURIES, IF ANY. ONLY MINOR PROPERTY DAMAGE & MINIMAL DISRUPTION ON QUALITY OF LIFE. TEMPORARY SHUTDOWN OF CRITICAL FACILITIES.	1	30%
	LIMITED	MINOR INJURIES ONLY. MORE THAN 10% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR MORE THAN ONE DAY.	2	
	CRITICAL	MULTIPLE DEATHS/INJURIES POSSIBLE. MORE THAN 25% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR MORE THAN ONE WEEK.	3	
	CATASTROPHIC	HIGH NUMBER OF DEATHS/INJURIES POSSIBLE. MORE THAN 50% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR 30 DAYS OR MORE.	4	
SPATIAL EXTENT *How large of an area could be impacted by a hazard event? Are impacts localized or regional?*	NEGLIGIBLE	LESS THAN 1% OF AREA AFFECTED	1	20%
	SMALL	BETWEEN 1 & 10.9% OF AREA AFFECTED	2	
	MODERATE	BETWEEN 11 & 25% OF AREA AFFECTED	3	
	LARGE	GREATER THAN 25% OF AREA AFFECTED	4	
WARNING TIME *Is there usually some lead time associated with the hazard event? Have warning measures been implemented?*	MORE THAN 24 HRS	SELF-DEFINED	1	10%
	12 TO 24 HRS	SELF-DEFINED	2	
	6 TO 12 HRS	SELF-DEFINED	3	
	LESS THAN 6 HRS	SELF-DEFINED	4	
DURATION *How long does the hazard event usually last?*	LESS THAN 6 HRS	SELF-DEFINED	1	10%
	LESS THAN 24 HRS	SELF-DEFINED	2	
	LESS THAN 1 WEEK	SELF-DEFINED	3	
	MORE THAN 1 WEEK	SELF-DEFINED	4	

(NOTE: Levels of warning time and criteria that define them may be adjusted based on hazard addressed.)

(NOTE: Levels of warning time and criteria that define them may be adjusted based on hazard addressed.)

Risk Factor Methodology Equation

RF Value = [(Probability x .30) + (Impact x .30) + (Spatial Extent x .20) + (Warning Time x .10) + (Duration x .10)]

SOMERSET COUNTY HAZARD MITIGATION PLAN UPDATE
Mitigation Action Workshop – AGENDA
September 26, 2024 – 1:00 pm – 3:00 pm

Mitigation Strategy Workshop Meeting
Somerset County Department of Emergency Services
100 E Union St., Somerset, PA 15501

1. Opening Remarks
2. Project Status
3. County Hazard Ranking
4. Identifying and Developing Mitigation Strategies
5. Review Previous Actions
6. Developing New Potential Actions
7. Next Steps
8. Questions

TETRA TECH

Somerset County Multi-Jurisdictional Hazard Mitigation Plan 2025 Update

Mitigation Strategy Workshop

September 26, 2024

While waiting for the meeting to start, please sign in through the chat function on Teams.

Today's Agenda

1. Opening Remarks
2. Project Status
3. County Hazard Ranking
4. Identifying and Developing Mitigation Strategies
5. Review Previous Actions
6. Developing New Potential Actions
7. Next Steps
8. Questions

Project Status

Municipal Participation Status

- To date, we have not received your previous mitigation actions municipal worksheets. The below jurisdictions still have outstanding worksheets to submit.

Jurisdiction			
Somerset County	Garrett (B)	Rockwood (B)	Summit (T)
Allegheny (T)	Greenville (T)	Seven Springs (B)	Upper Turkeyfoot (T)
Benson (B)	Hooversville (B)	Shade (T)	Ursina (B)
Black (T)	Indian Lake (B)	Shanksville (B)	Wellersburg (B)
Callimont (B)	Lincoln (T)	Somerset (B)	Windber (B)
Casselman (B)	Meyersdale (B)	Somerset (T)	
Central City (B)	New Baltimore (B)	Southampton (T)	
Conemaugh (T)	Ogle (T)	Stoneycreek (T)	
Fairhope (T)	Paint (T)	Stoystown (B)	

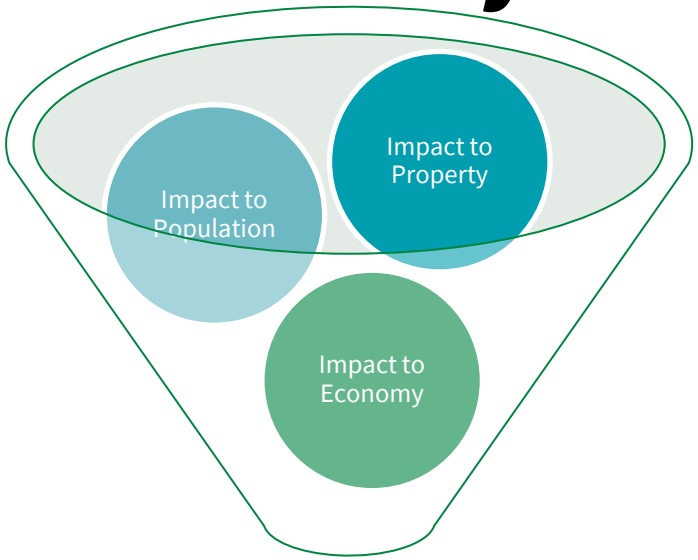
Municipal Participation Status

- To date, we have received ALL municipal worksheets from 21 municipalities.

County Hazard Ranking

Review the calculated hazard rankings and provide your feedback.

Preliminary Hazard Ranking Formula



Local community input to adjust preliminary rankings

Probability of Occurrence (30%) + **Impacts (30%)** + **Spatial Extent (10%)** + **Warning Time (10%)** + **Duration (10%)** → **Preliminary Hazard Ranking**

Preliminary Risk Ranking (County)

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Opioid Addiction Response	4	4	4	1	4	3.7
	Flood, Flash Flood, Ice Jam	4	3	3	4	3	3.4
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	Dam Failure	2	4	3	2	4	3
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	Winter Storm	3	2	4	2	3	2.8
	Drought	2	2	4	1	4	2.5
	Transportation Accidents	4	1	2	4	2	2.5
	Wildfire	3	2	2	4	2	2.5

Preliminary Risk Ranking (County)

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
MODERATE	Environmental Hazards (Coal Mining)	3	2	1	4	3	2.4
	Subsidence and Sinkholes	2	2	2	4	4	2.4
	Hailstorm	2	2	2	4	1	2.1
LOW	Terrorism	2	2	1	4	1	1.9
	Landslide	2	1	1	4	3	1.8
	Earthquake	1	1	1	4	1	1.3

Identifying and Developing Mitigation Strategies

Purpose of Mitigation Strategy

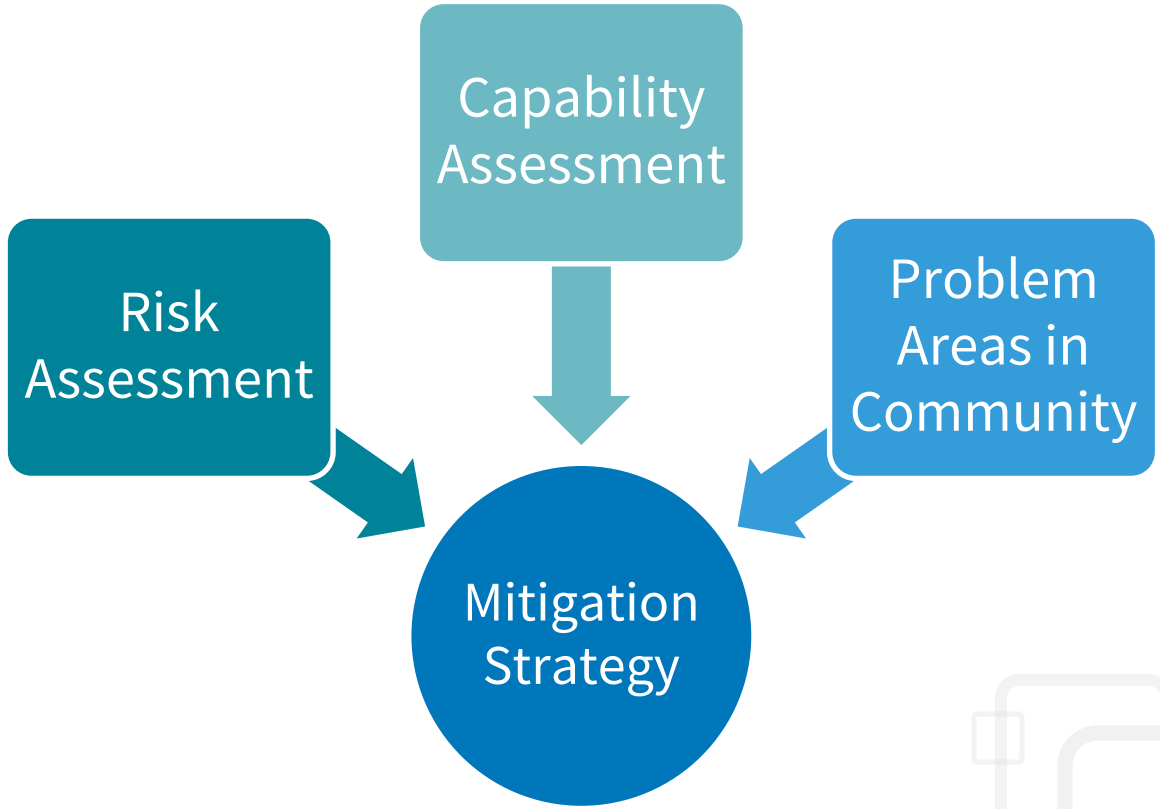
- The **Mitigation Strategy** is the County's roadmap to reduce the risk of hazards identified in the HMP. The strategy is based on hazard impacts, asset vulnerability, and the County's capabilities.
- **Mitigation Actions** are specific activities, such as policies, projects, and studies, that stakeholders identify to reduce risk.
  - Forward-looking and incorporate changing conditions for the life of the County's assets
  - Consider changing demographics, development patterns, impacts of climate change.
  - Examples of actions may include elevating electrical and HVAC equipment to reduce the likelihood of damage from floodwaters or planting trees to lower temperatures exacerbated by pavement.
  - ***Actions included in the plan are eligible for certain types of FEMA funding.***

Using Your Mitigation Strategy to Reduce Risk

- What is a ***Mitigation Strategy***?
  - A group of projects or actions to reduce the impacts of the hazards of concern on your community
    - Plans and Regulations
    - Structure and Infrastructure Studies and Projects
    - Natural Systems Protection Studies and Projects
    - Education and Awareness Programs
- Terms to describe the *Mitigation Strategy* include:
  - **Mitigation Action Plan** or **Action Plan**
  - **Mitigation Projects** or **Initiatives** or **Actions**

Connecting to the Mitigation Strategy

- Need a clear connection between vulnerabilities identified in the risk assessment and proposed mitigation actions.
- The capability assessment can provide insight into challenges and opportunities for the mitigation strategy.

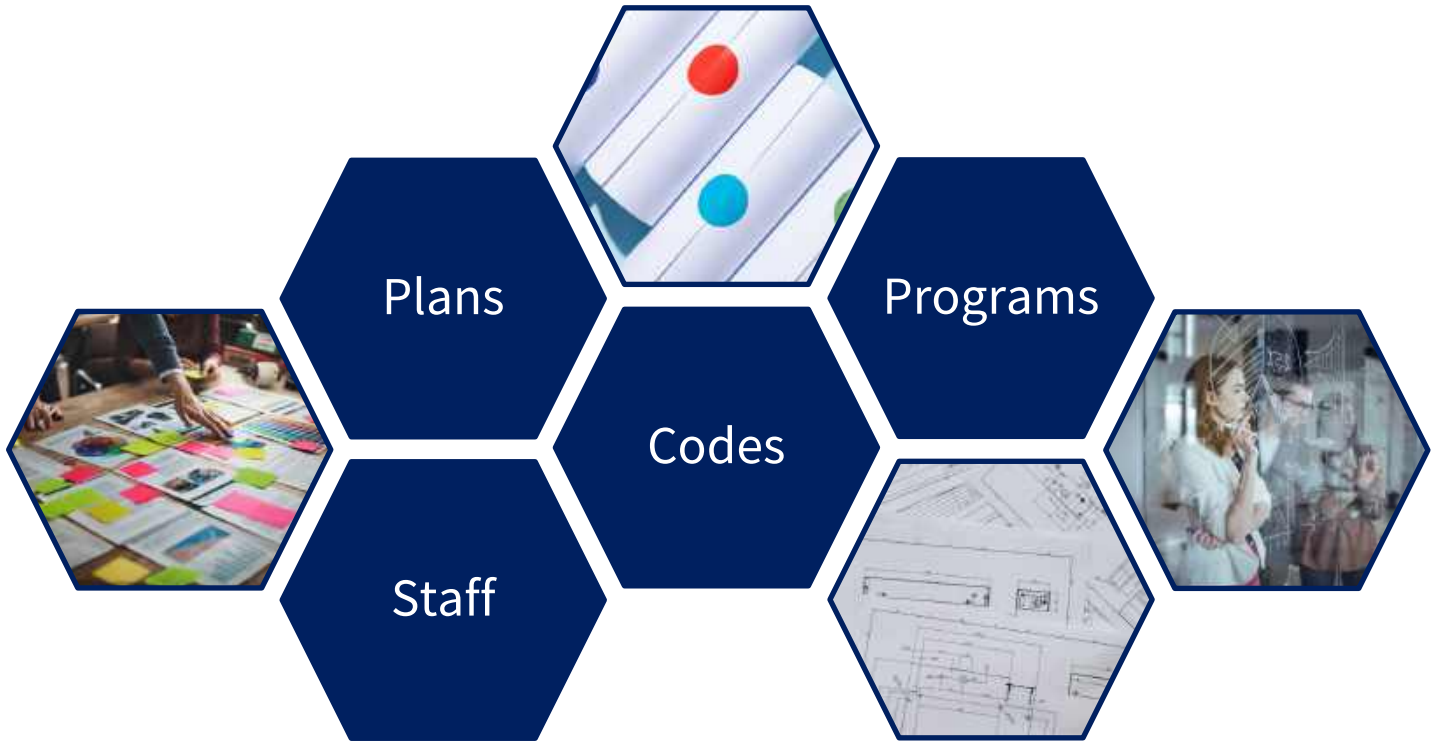


Hazards of Concern

- Dam Failure
- Drought
- Earthquake
- Environmental Hazard- Coal Mining
- Environmental Hazard- Gas and Liquid Pipelines
- Environmental Hazard- Hazardous Materials Release
- Flood, Flash Flood, Ice Jam
- Hailstorm
- Invasive Species
- Landslides
- Levee Failure
- Opioid Addiction Response
- Pandemic and Infectious Disease
- Subsidence & Sinkholes
- Terrorism (Cyberattacks)
- Tornado & Windstorms
- Transportation Accidents
- Utility Interruptions
- Wildfire
- Winter Storm

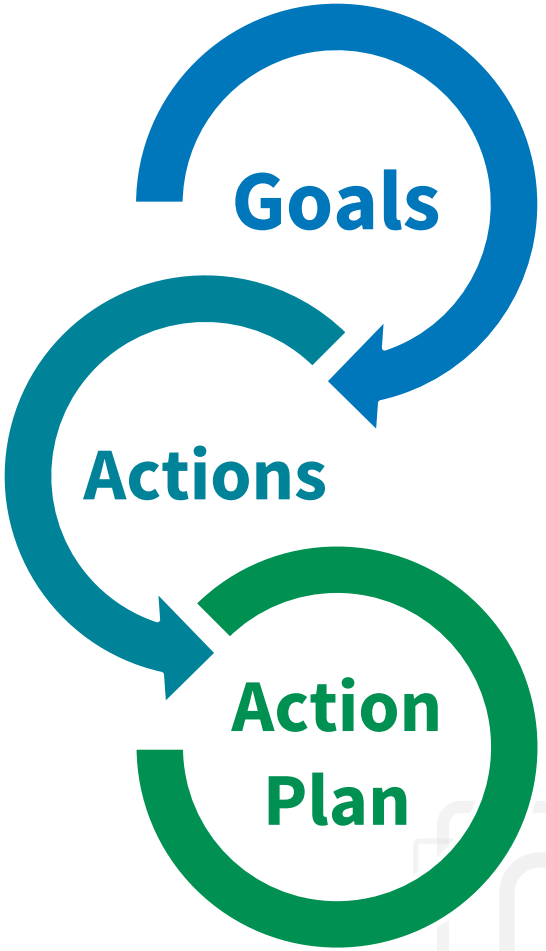
Capability Assessment

- Capabilities
  - What does your jurisdiction use to reduce risk to hazards?



Mitigation Strategy

- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce hazard risk?
- Action Plan
  - How will the actions be prioritized and implemented?

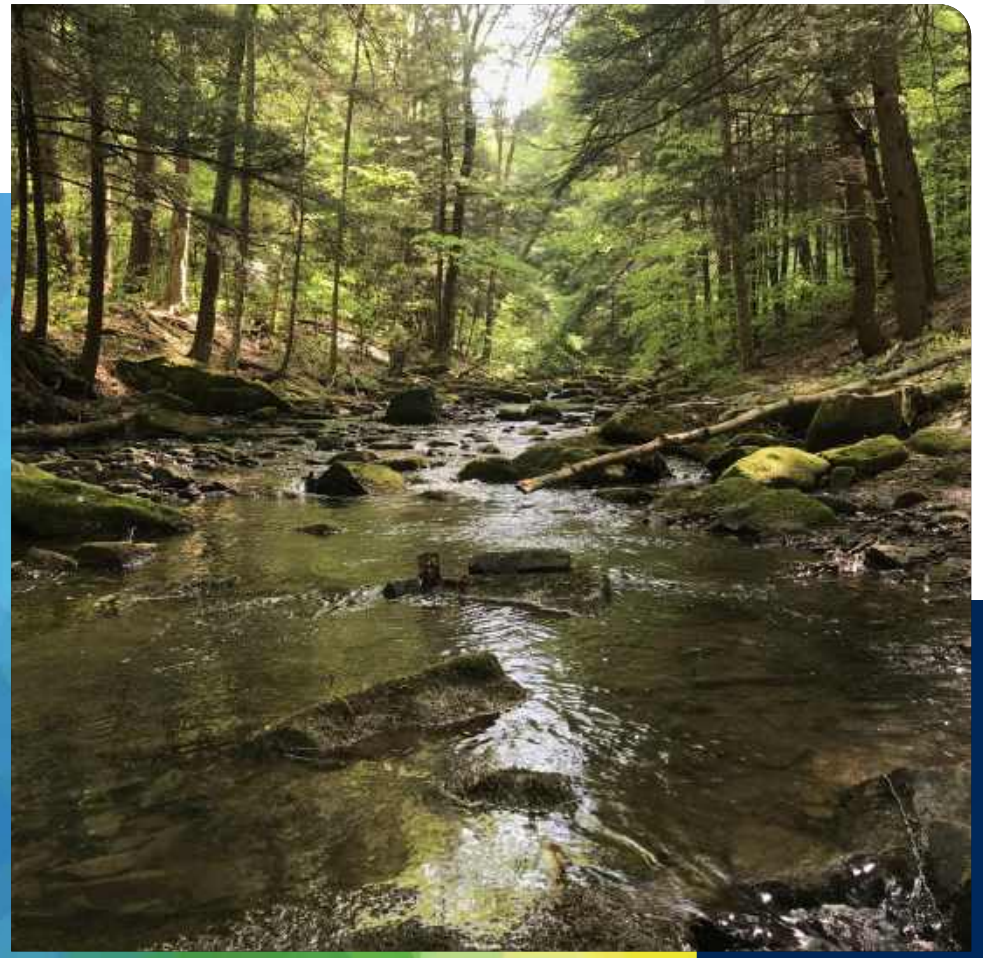


2020 HMP Goals

	Goal
1	Reduce potential injury/death and damage to existing community as- sets due to floods, flash floods, and ice jams.
2	Reduce potential injury/death and damage to existing community as- sets due all hazards.
3	Promote disaster-resistant future development.
4	Promote hazard mitigation as a public value in recognition of its im- portance to the health, safety, and welfare of the population.
5	Improve response and recovery capabilities.
6	Protect critical infrastructure in hazard areas.

2025 HMP Proposed Goals

	Goal
1	Protect life, property, the environment, and critical infrastructure from hazard impacts.
2	Promote disaster-resistant future development.
3	Educate the public, officials, and other stakeholders about the hazards they face and what can be done to mitigate hazard impacts.
4	Improve response and recovery capabilities.
5	Protect critical infrastructure in hazard areas.
6	Reduce the risk of natural hazards for socially vulnerable populations and underserved communities.
7	Address long-term vulnerabilities from High Hazard Dams.



Developing New Potential Actions

Requirements for the Mitigation Strategy Update

- Quality not quantity
  - Each action needs detailed information on the why, who, what, and when of the action.
- Previous projects
  - If a project is not finished and still a priority, include in 2025 HMP
  - Remove general projects or make more specific
  - Remove ongoing capabilities like maintenance or annual outreach
- **A minimum of one mitigation action must be identified for each hazard.**
- **Each participating jurisdiction in the planning process must identify at least one specific mitigation action for which it will be responsible.**

Where do you need to focus?

- **Stronger connection** between the risk assessment and mitigation strategy
- **More specific, achievable actions**
  - Specific projects, in specific locations, in a specific timeframe
  - Focus on socially vulnerable populations and underserved communities
- **Diverse actions**
  - You need at least **one action per hazard of concern**. Think about actions that can cover multiple hazards.
  - Include a variety of action types (e.g., plans, floodproof critical facilities, outreach programs, etc.)

Other Mitigation Actions to Consider

- Local Disaster Debris Management Plans
- Substantial Damage Management Plan
- Actions to address **high-hazard or significant-hazard dams**
- Public education and outreach programs
- Generators at critical facilities and community lifelines
- Floodproofing critical facilities and community lifelines
- Addressing repetitive and severe repetitive loss properties

Mitigation Action Types

Plans and regulations include government authorities, policies, or codes that encourage risk reduction, such as building codes and state planning regulations. This may also include planning studies.

Structure and infrastructure projects involve modifying existing structures and infrastructure or constructing new structures to reduce the impact of hazards.

Natural systems protection projects minimize losses while also preserving or restoring the function of natural systems.

Education and awareness programs include long-term, sustained programs to inform and educate citizens and stakeholders about hazards and mitigation options. This category could also include training.

Mitigation Action Types

Mitigation Technique	Description	Examples
Local plans and regulations	These actions include government authorities, policies, or codes that influence the way land and buildings are developed and built.	• Comprehensive plans • Land use ordinances • Subdivision regulations • Development review • Building codes and enforcement • NFIP and CRS • Capital improvement programs • Open space preservation • Stormwater management regulations and master plans
Structure and infrastructure	These actions involve modifying existing structures and infrastructure or constructing new structures to reduce hazard vulnerability.	• Acquisitions and elevations of flood prone structures • Utility undergrounding • Structural retrofits • Floodwalls and retaining walls • Detention and retention structures • Bridges and culverts • Safe rooms
Natural systems protection	These actions minimize damage and losses and also preserve or restore the functions of natural systems.	• Sediment and erosion control • Stream corridor restoration • Forest management • Conservation easements • Wetland restoration and preservation
Education and awareness	These actions inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them and may also include participation in national programs.	• Radio or television spots • Websites with maps and information • Real estate disclosure • Training • NFIP outreach • StormReady • Firewise Communities

Workshop

Review previous mitigation actions and identify new actions

Previous Actions Review

- <u>If you have not done so:</u>
- Review the mitigation actions your jurisdiction identified in the previous HMP by providing a brief status narrative. Begin by providing the status:
- IN PROGRESS: Started but not complete
- ONGOING CAPABILITY: An action you now complete on a regular basis (maintenance, annual outreach, etc.). These actions will be included in your capabilities moving forward.
- NO PROGRESS: Not started
- COMPLETE: Finished!
- Actions that are COMPLETE or ONGOING will not be carried forward.

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Identify New Actions

- What plans or regulations does your municipality need?
- What information must you provide to your residents and visitors?
- What property and products can be insured?
- What can be done about invasive species?
- What additional staff do you need?
- Where are your problem areas? What can be done about them?
- What critical facilities need backup power generators? What about traffic lights?

Identify New Actions

- Problems and Problem Areas
  - Dam Failure – High Hazard Dams
  - Floods, Flash Floods, and Ice Jams
    - Small stream flooding
    - Roads that always flood
    - Stormwater flooding
    - What culverts/bridges give you problems?
  - Environmental Hazards
    - Releases from pipeline and well site accidents
    - Naturally radioactive material brought to the surface

Identify New Actions

- Problems and Problem Areas
  - Landslides
    - Steep slopes
    - Caused by heavy rains saturating soil
  - Transportation Accidents
    - Intersections
    - Corridors

Next Steps

Next Steps

- NOW: Complete your worksheets, ask questions, and provide to Tetra Tech staff via email.
- NOW: Provide update to Tetra Tech staff on any missing worksheets, when you will submit them, and how Tetra Tech can assist you.
- AFTER WORKSHOP: Continue to share information about the HMP Update via social media, community groups, and networks. Let us know who you share information with!
- NEXT MONTH: Work with Tetra Tech planners to complete finalize actions and complete drafted plan.

County Project Contacts

Joel Landis, EMA Director
(814-445-1515) x4| landisj@co.somerset.pa.us

Sharlene McCoy, EMA Administrative Assistant
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Kevin Broadwater, Somerset County DES
broadwaterK@co.somerset.pa.us

Tetra Tech Project Contacts

Lisa Danner, Project Manager
(828)-773-4724 | Lisa.Danner@tetratech.com

Paige Kaspar, Lead Planner
(717) 545-3580| paige.kaspar@tetratech.com

Thank You!

MEETING NOTES

Meeting	Somerset County, Pennsylvania Hazard Mitigation Plan (HMP) Planning Team Risk Assessment and Mitigation Strategy Workshop Meeting		
Date	September 26, 2024	**Time**	1:00 p.m. – 3:00 p.m.
Location	MS Teams		
Attendees	Joel D. Landis, Emergency Management Agency (EMA) Director, Somerset County Department of Emergency Services (DES)		
	Kevin Broadwater, EMA Specialist, Somerset County DES		
	Sharlene McCoy, Administrative Assistant, Somerset County DES		
	Chad Sines, Somerset County Planning Department		
	Louis Lepley, North Star School District Superintendent		
	Nicole Dice, Turkeyfoot Valley Area School District		
	Jennifer Hay, Summit Township		
	Tiffany Beal, Elk Lick Township		
	John Pudliner, Windber Hospital		
	Amanda Berkebile, Quemahoning Township		
	Cherly Klink, Larmier Township		
	Traci Horning, Berlin Borough		
	Mike Thomas, Windber Hospital		
	Amanda Bowers, CSS Medical Center at Windber		
	Melissa Kelly Chan Soon Shiong Medical Center at Windber		
	Paige Kaspar, Lead Planner, Tetra Tech		
	Lisa Danner, Project Manager, Tetra Tech		

Discussion Points

This section summarizes each discussion point addressed during the Mitigation Strategy Workshop Meeting.

Welcome

Mrs. Danner welcomed attendees to the meeting and described the purpose of the meeting. Attendees introduced themselves and identified the organizations they represented.

Worksheet Completion Status

Mrs. Danner reviewed the submittals of the municipal worksheets provided to Planning Team representatives and identified the number of municipalities remaining. Reminders were provided to the remaining municipalities to complete and submit their worksheets.

MEETING NOTES

Risk Assessment Results

Mrs. Danner then led a discussion of each of the 20 hazards profiled as part of the HMP update. She provided attendees with an understanding of the information researched and the process behind the final risk analysis from our last meeting.

After summarizing the individual hazard profiles, Mrs. Danner shared the current draft risk analysis results. The attendees reviewed the risk analysis and had the opportunity to ask questions about specific rankings and numbers. No major concerns with the analysis results were noted during the meeting. Attendees will be sent a worksheet to complete following the meeting to compare the risk from each hazard in their respective municipalities to the risk from each hazard to the County as a whole.

Review of Previous Mitigation Strategies

Mrs. Danner reviewed the goals and objectives from the 2020 HMP. She explained that the goals and objectives will be updated to consider (1) the Pennsylvania HMP goals and objectives, (2) Somerset County capabilities and vulnerabilities based on the risk analysis and capabilities assessment, and (3) feedback received via worksheets and e-mails from representatives of municipalities within Armstrong County. She also noted that suggested updates to the goals and objectives have already been developed and would be discussed later in the presentation.

After discussing the existing goals and objectives, Mrs. Danner explained that previous mitigation actions marked as "Completed" or "Discontinued" will be removed from the plan, and that actions marked as "In Progress/Not Yet Complete," or "No Progress/Unknown" will likely be included in the updated HMP. Actions marked as "Continuous"—and thus reflecting that these actions should be considered ongoing capabilities—will likely be removed from the list of actions in the HMP.

Develop the Updated Mitigation Strategy

Mrs. Danner asked attendees to review the new suggested goals and objectives on the PPT slide. Mrs. Danner asked the attendees for their feedback on the goals and objectives. Attendees agreed that the suggested set was appropriate.

Mrs. Danner then reviewed the categories of mitigation actions: Local Plans and Regulations; Structure and Infrastructure; Natural Systems Protection; and Education and Awareness Programs. She provided several examples of mitigation actions that fall under each category to give attendees an idea of the types of mitigation actions they could select. Mrs. Danner also went over a series of question prompts to help participants generate project ideas.

Mrs. Danner discussed the Mitigation Action Worksheet handout and informed the group that each action in the updated HMP would have a worksheet.

Next Steps

Mrs. Danner reviewed the following next steps in the HMP update process with attendees:

- The process of identifying mitigation actions, gathering additional participation, and finalizing and reviewing the updated mitigation strategy will continue through November 2024.
- The updated mitigation strategy will be reviewed at a meeting in or around December 2024.

MEETING NOTES

- The complete draft of the updated HMP should be complete in January 2025.
- The plan will be available for public review for 30 days following completion.
- A public meeting to review the complete draft will be held after the public comment period.
- The updated HMP will be submitted to the Pennsylvania Emergency Management Agency (PEMA) for review in February 2025.
- The updated HMP will be submitted to the Federal Emergency Management Agency (FEMA) for review in March 2025.

With no further questions, Mrs. Danner thanked the attendees for their time and participation. The meeting concluded at 2:30 p.m.

SOMERSET COUNTY 2025 HAZARD MITIGATION PLAN UPDATE

Hazard Mitigation Strategies Workshop Meeting

SIGN-IN

Thursday, September 26, 2024 | 1:00 pm – 3:00 pm

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Joel LANDIS EMA Director	Somerset County Department of Emergency Services	Landisj@co.somerset.pa.us	814-445-1515
Sharlene McCoy Admin Assistant	Somerset County Department of Emerg. Services	mccoys@co.somerset.pa.us	11
Kevin Broadwaters EMA Specialist	Somerset County Dept. of emegency svs	broadwaterk@co.somerset.pa.us	814 483 6509
Craig Waltermire Milford Township	Milford Township	Craigwaltermire@gmail.com milfordmunicipal@zoominternet.net	814 442-1153

Mitigation Action Worksheet

Municipality(ies):	**Action**
Action Number:	
Location (address, lat/long)	
Mitigation Technique Category	
Hazard(s) Addressed	
Priority (High, Medium, Low)	
Estimated Cost	
Potential Funding Streams	
Timeline	
Lead Agency/Department	
Support Agency(ies)/ Department(s)	
Project Point of Contact	
Name	
Title	
Agency/Department	
Phone	
E-mail	

Mitigation Technique Category

- Local Plans and Regulations (LPR) – These actions include government authorities, policies, or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) – These actions involve (1) modifying existing structures and infrastructure to protect them from a hazard, or (2) removing them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also includes projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

Costs:

If an estimated cost is known, please provide or use the following ranges:

Low = < $10,000 *Medium* = $10,000 to $100,000 *High* = > $100,000

If costs have not been estimated, please use the following categories:

Low	Possible to fund under existing budget. Project is part of, or can be part of, an existing on-going program.
Medium	Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
High	Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Timeline: Short = 1 to 5 years Long-Term = 5 years or greater

OG = On-going program DOF = Depending on funding

Mitigation Strategy 5-Year Mitigation Plan Review

Name: _____ Title: _____

Jurisdiction: _____ Email: _____

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						
1.4.2	Elevate structures to above the base flood elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.						
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.						
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.						
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.						
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.						
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.						
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.						
5.2.2	Evaluate means to enhance response capability for functional needs residents.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.						
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.						
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						
5.3.4	Conduct post-disaster community recovery planning.						
5.3.5	Maintain debris management plan.						
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

2020 Somerset County Hazard Mitigation Plan - Municipal Project Opportunities						
Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Addison Borough/Addision Township	1	Chlorinator Site Emergency Backup Generator	Currently there is no backup power supply at the chlorination site for the Addison Area Water Authority (AAWA) water supply. Whenever power goes out at the Chlorination site the AAWA water system losses the ability to disinfect water being produced at the well site. Due to the distance between the well site and the chlorinator site, these sites receive power from two different companies. This untreated water creates a serious health and safety risk to all residents and businesses connected to the water main between the chlorinator and reservoir. If the power outage lasts long enough, even the reservoir becomes deluded enough to cause a serious health and safety risk to the entire Borough.	The engineering has already been completed. It includes complete installation of 30 kW Generac generator and 500 gal. propane tank including all required wiring, switches and cement anchor pads.	Utility	$30,000.00
Addison Borough	2	Repair/Replace Culvert from under Old Tannery Lane to Route 40	During heavy rainfall the adjoining land east of Old Tannery Lane floods due to the culvert, in the attached photo, being too small and partially obstructed to let the water flow unobstructed. This flooding directly affects the property in the southeast corner of the intersection of rout 40 and Old Tannery Lane. During heavy rains this section of Old Tannery Lane also floods over between the culvert and route 40. If an emergency situation occurs during such a flooding event it could hamper the response of emergency services.	No action has been taken to develop a solution to correct this problem. The Borough would need to seek grant funding and loans to cover the cost of this project.	Flooding	$150,000.00
Addison Borough	3	Renovate Addison Borough building at 704 Main Street	The property at 704 Main Street, Addison, PA, and the two story building located on that property were donated to the Addison Borough. The Borough had planned on using this building as the base of operation was originally a store in town that closed back in the 1970's. For the Addison Borough and Addison Area Water Authority to start using this building they would have to have the building completely rewired and a new heating system installed in the building. The building would also need to be fitted for disability access at the entrance and restroom facilities. All these updates and improvements need to have approved for the Borough and Addison Area Water Authority. Unfortunately the heating and electric systems within the building are considerably out of date. The building has not been used for decades. The building engineering plans completed before permits can be obtained to complete these updates and improvements. This building has great potential because it provides plenty of room for emergency supply storage and potential for being a viable command post during significant disaster and emergency events affecting the southwestern part of Somerset County.	No action has been taken to develop a solution to correct these issues due to the costs involved. The Borough would need to seek grant funding and loans to cover the cost of this project.	All-Hazards	$250,000.00
Addison Borough/Addision Township	N/A	Well Site Emergency Backup Generator	Currently there is no backup power supply at the well site for the Addison Area Water Authority (AAWA) water supply. Whenever power goes out at the well site the AAWA water main losses water pressure allowing untreated infiltrated water to enter the line between the chlorination treatment building and reservoir. This untreated infiltrated water creates a serious health and safety risk to residents and businesses who are tapped into that section of water main. After only a couple of hours the residents and businesses on this section of line also run out of potable water. If the power outage lasts long enough, even the Borough runs out of potable water after several days.	The engineering has already been completed. It includes complete installation of 80 kW Generac generator and 1000 gal. propane tank including all required wiring, switches and cement anchor pads.	Utility	$45,000.00
Berlin Borough	N/A	Electric System Precautionary Plan	Severe Weather affects multiple area of Berlin Electric system. Electric poles have aged, and replacement is being conducted as needed Generators are vulnerable to if power lines supporting the system are compromised. Components from supply area and switch are exposed.	Increase replacement of poles – based on physical inspection.	Utility/All-Hazards	N/A

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Berlin Borough	N/A	Subsurface mines may exist	Possible void in areas in the subsurface. Cause may be from prior mining.	Detect and eliminate possible subsurface voids.	Subsidence and Sinkholes	N/A
Berlin Borough	N/A	Water system supply replacement Plan	Replace water line from supply to town of Berlin.	Increase water supply to Berlin. Project has been submitted for permitting.	Utility	N/A
Brothersvalley Township	N/A	Emergency Generator	Provide emergency power during disasters.	Purchase and install generators to provide power to township buildings	All-Hazards	$66,000.00
Brothersvalley Township	N/A	Snow Equipment	Removal of snow in major snow storm.	Purchase large V plow for grader.	Winter Storms/Environmental Hazards - Transportation	$24,000.00
Central City Borough	1	Lambert Street Storm Drain	Stop water from filling up on roadway.	N/A	Flooding	N/A
Central City Borough	2	Dredging Dark Shade Creek	Dredge the creek. This will solve flooding.	N/A	Flooding	N/A
Conemaugh Township	1	Blackner Road Slope Stabilization	The slope below this township maintained roadway (Blackner Road) has become unstable and has begun to compromise the shoulder and cartpath As a safety measure this area has been reduced to one lane. An additional concern is that further movement of this embankment will cause earth and debris to fall onto Soap Hollow Road. This highway is maintained by Pennsylvania Department of Transportation..	Conemaugh Township has contracted an engineering firm to evaluate this situation and provide recommendations to stabilize the embankment to prevent additional slides and risk to the public.	Flooding	N/A
Conemaugh Township	2	Bens Creek Cobble Removal	This area has an excessive accumulation of cobble risking a threat to a bridge structure maintained by Pennsylvania Department of Transportation. In addition it inhibits proper flow of the creek, and during heavy flows overtopping of the bridge has occurred. This condition not only causes the closure of the direct route to a local trauma center and hospital, flood damage has occurred at nearby businesses and homes.	Have an engineering study preformed to determine the best option for the removal of this build up.	Flooding/Environmental Hazards - Transportation	N/A
Conemaugh Township	3	Smith Street/South Main Street Stream Clearing	This area has an excessive accumulation of debris that may lead to potential flooding of many homes situated along the stream channel. In addition the streambanks have become unstable and previous materials placed to help mitigate the situation have fallen into the channel.	Perform an engineering study to determine the best method to remove the debris and restore the streambanks.	Flooding	N/A
Elk Lick Township	N/A	Replacement of Township Signs - Piney Run Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on Piney Run Road.	Transportation Accidents	$130.00
Elk Lick Township	N/A	Replacement of Township Signs - School Street/Maxon Dixon Hwy	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on School Street at the intersection of Maxon Dixon Highway.	Transportation Accidents	$75.00
Elk Lick Township	N/A	Replacement of Township Signs - River Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a stop sign on River Road at the intersection of Old 219 Road	Transportation Accidents	$80.00
Elk Lick Township	N/A	Replacement of Township Signs - Sunnyvale Road/Mount Davis Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on Sunnyvale Road at the intersection of Mount Davis Road	Transportation Accidents	$130.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Hooversville Borough	N/A	Cell Phone Coverage - Tower	No cellular reception. Need to rely on WiFi. Most of the borough is a "dead zone". The municipal office and the fire department are in the dead zone. This creates communication problems for 1st responders, unless they are on two way, we need to go through county to reach them. Police equipment doesn't work properly in the field.	Need on the ground study (not a drone study) or a ride along study. Then need a tower to cover our area. It is a major concern/problem.	Utility Interruption	N/A
Jefferson Township	N/A	Emergency Shelter Generator Bakersville Volunteer Fire Department	The Bakersville Volunteer Fire Department is currently waiting to have the facility reviewed by the American Red Cross in an effort to be designated as an emergency shelter. The facility does not have a backup generator.	New or used generator adequate to run the facility as an emergency shelter.	Utility Interruption	$80,000.00
Jefferson Township	N/A	Moore School Rd Pipe Upgrade	Flooding and erosion of Moores School Road and Shaffer Run Road.	Replace existing pipe with 71" x 47" x 30' arch pipe.	Flooding	$83,000.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace two 48" black corrugated pipes with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace one 16" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace two 52" concrete pipes with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace one 60" corrugated metal pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace two 48" black corrugated pipes with aluminum plate arch culvert 11' x 5'9" x 31'6".	Flooding	$152,000.00
Lincoln Township	2	Lincoln Township Municipal Building Relocation	The Lincoln Township municipal shed is located at the intersection of Somerset Pike and E Bakersville Edie Rd, a centralized location with access to major adjacent roadways. These adjacent roadways (to the south and east) form a natural basin in which the municipal shed is situated. A natural swale crosses the township property from the north to south and is often fed by water runoff from nearby fields and the town of Sipesville, (are all higher in elevation) as it drains towards the south into the Quemahoning Creek. During recent storm events stormwater runoff has become trapped within the basin of the township property, as drainage systems underneath E Bakersville Edie Rd have become overwhelmed. The result has been flooding that has submerged the municipal shed and its contents (including dump trucks and heavy equipment) in 4-6' of water on multiple occasions. Larger drainage pipes have been installed from the swale under the parking lot and building to the culvert system for E Bakersville Edie Rd, but have only minimally reduced the amount of water accumulation during flooding events.	While the culvert under the state roadway appears to be the causative factor in drainage backlog, the local area has also observed an increase in flash flooding and stormwater runoff within the past few years. One option to reduce the repetitive damages to the municipal shed and equipment that is within the control of Lincoln Township would be to relocate the building to an area less prone to flooding. This project would require the acquisition of approximately 2 acres of land with good access to major roadways and the construction or purchase of a pole building at least 20'x80' in dimension (equivalent to current municipal shed).	Flooding	$350,000.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Lincoln Township	1	Quecreek Stormwater Conveyance System Upgrade	The Village of Quecreek is a small community located in Lincoln Township, Somerset County, Pennsylvania just east of Sipesville along Quehamoning Creek. Stormwater collects in a drainage swale along Schoolhouse Road and flows toward Quecreek where it enters a stormwater conveyance system on the north side of town and traverses the Village of Quecreek. The conveyance system is privately owned and is not known to be maintained. The system traverses between houses and in certain locations has private residences constructed on top of the pipe. During recent storm events, the village of Quecreek has experienced severe flooding that caused damage to approximately 10-20 homes. A study was conducted by The EADS Group to evaluate the existing conveyance system for capacity and provide alternative solutions to Lincoln Township.	The stormwater conveyance system consists of approximately 600 ft. of 36" diameter or similar pipe and is conveyed to the discharge location along Quehamoning Creek. The existing stormwater conveyance system was privately installed a long time ago likely when the houses of in the area were built. The system traverses between houses and in certain locations has private residences constructed on top of the pipe. One proposed solution is to replace the existing pipe with a larger pipe for increased capacity of the system. The existing 36" pipe would likely be replaced with either a 42" or 54" diameter pipe depending on conveyance system classification. Construction of this alternative will require large equipment that will be difficult to maneuver within the proximately to the nearby houses. This alternative will require significant design, permitting, land acquisition and construction effort to complete.	Flooding	$911,250.00
Lower Turkeyfoot Township	1	Angler Rd Bridge Replacement	Wooden bridge to be upgraded.	Replace bridge.	Transportation Accidents	$1,000,000.00
Lower Turkeyfoot Township	3	Back Road Culvert	Old, small culvert to be replaced.	Replace culvert.	Flooding	$10,000.00
Lower Turkeyfoot Township	2	Cranberry Glade Lake	Remove invasive vegetation choking lake	Introduce approximately 70 sterile grass eating carp.	Environmental Hazard	$10,000.00
New Baltimore Borough	1	Stream Rehab	According to DEP, rip rap needs to be repaired. Stream is eroding throughout Borough. Flooding is very likely.	Eroding issues.	Environmental Hazard	$400,000.00
New Centerville Borough	1	Reese Street Project	The past couple of years because of the heavy rains the storm pipe that runs under Reese Street has not been able to carry the waiver causing flooding across Reese Street.	The project would entail replacing the current storm drain pipe under Reese Street with a larger pipe to carry the water from the heavy rains. This will help in preventing the destruction of the road surface from the flood waters running over the road because the current pipe is unable to handle the flow of water.	Flooding	$15,200.00
Northampton Township	N/A	Emergency Generator	Lack of power during emergencies.	Install generator to provide power to township buildings during disasters.	Utility Interruption	$49,000.00
Paint Borough	1	Poplar Street Storm Sewer Improvement Project	Eliminate excess water runoff causing flooding to residents at bottom of Poplar Street.	Replacement of approximate 600 lineal feet of storm sewer replacement of existing catch basins and addition of new catch basins on Poplar Street, re-grading and pairing of Poplar Street and earthwork along the existing vegetated channel to direct flow into the existing inlet near the intersection of Poplar Street and Hoffman Avenue.	Flooding	$200,000.00
Paint Township	N/A	Drainage	Drainage	Various private property problems with under ground surface water causing flooding during heavy rains.	Flooding	N/A
Paint Township	N/A	Emergency Generator	Emergency electric service to the Paint Township municipal building and maintenance garage.	Purchase of an emergency generator	Utility Interruption	$45,000.00
Salisbury Borough	1	Storm Sewer Replacement	Storm drains are old and during heavy rains water surfaces.	Replace with new pipe.	Flooding	$10,000.00
Shade Township	N/A	Middletown Sanitary Sewer	Provide sanitary sewer system to approximately 33 households.	Expand Central City Sewer Authority system to provide sewerage system to residents.	Flooding	$1,000,000.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Shade Township	N/A	Statler Street Storm Sewers	Flooded residents during heavy rain events.	Grading, curbing, sidewalks, to direct flows to existing catch basins.	Flooding	$500,000.00
Somerset Borough	1	Coxes Creek Flood Protection Enhancement Project	This project is designed to stabilize infrastructure to reduce the potential of erosion and ensure full flow capacity of the floodway. Removing obstructions to minimize potential flood damage.	Install approximately 1,085 LF of stream bank stabilization. Remove obstructions within the waterway such as sediment bars, woody and grassy vegetation, install rip-rap to provide stabilization. This protect addresses the annual DEP inspection report and comments for the borough's flood protection project number C56:D8. The Borough of Somerset owns and maintains this project.	Flooding	$354,758.75
Somerset Township	N/A	Emergency Generators	Purchase generators for emergency situations within the township for operating the traffic lights and could also be used for power supply at municipal building for fuel pump.	N/A	Utility Interruption	$2,000.00
Somerset Township	N/A	Wells Creek Rd	The I beams on the Wells Creek RD bridge restricts water flow during flooding events which causes the water to dam up.	Raise the I beams and bridge deck and rebuild the abutments.	Flooding	$25,000.00
Stonycreek Township	N/A	Stonycreek Dredge	Prevent flooding	Dredge Sontycreek River	Flooding	$3,500,00.00
Stoystown Borough	N/A	Stoystown-Quemahoning Playground Project	Repair stone wall at the playground. Wall is unsafe because it is deteriorating.	The stone wall at the playground is deteriorating. A new stone wall will be built in front of the original stonewall. Fencing will be placed at the top of the wall for safety	N/A	$12,000.00
Wellersburg Borough	N/A	Emergency Generator	Disruption of electrical services due to storm or other incident.	Purchase of emergency generator to support emergency services of the Wellersburg District Volunteer Fire Department	Utility	$10,000.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		

Somerset County HMP
Plan Update Discussion
1/24/2025
Participants:

Lisa Danner- Tetra Tech
Paige Kaspar- Tetra Tech
Joel Landis- Somerset County
Kevin Broadwater- Somerset County
Sharlene McCoy- Somerset County

Mr. Broadwater began the meeting with updates he received from PEMA and FEMA. Due to recent disaster relief funding becoming available there is a need to get the plan updated by July 2025.

Mrs. Danner confirmed that the plan update draft is underway and will be completed by the middle of next month.

Mr. Chad Sinnes is currently working with municipalities to collect worksheets and strengthen participation. Mr. Broadwater emphasized that him and his team will make sure to complete any tasks needed to keep the plan on track.

Mrs. Danner reviewed the timeline and reiterated that the draft will be completed by mid-February. Once the plan is drafted, Tetra Tech will set up a Draft Review Meeting with the steering committee and planning team and allow the public to review the draft over the next 30 days (March). Any comments from the public will be addressed before sending the draft plan to PEMA in April for another 30 day review. Once the plan is reviewed by PEMA and comments are addressed, Tetra Tech will send it out for its final review with FEMA in May for an additional 30 day review before being approved in June and adopted by the County and municipalities by July.

Ms. Mc Coy stated that municipality participation is important and that Mr. Siness will be the person to reach out to any municipalities who have not yet returned their worksheets. Mr. Broadwater explained that some municipalities are struggling to understand the benefits of the hazard mitigation plan and the need to come up with mitigation actions. Mrs. Danner stated that Tetra Tech can be available virtually to provide any assistance needed with the remaining municipalities.

2025 Somerset County Hazard Mitigation Plan

VIRTUAL PUBLIC MEETING

March 12, 2025 • 10:00 AM

Somerset County is in the process of updating its hazard mitigation plan which aims to reduce the risk of natural disasters and improve our community's resilience.

During this meeting, project consultants will provide an overview of the draft plan, present draft mitigation strategies and recommendations, and discuss next steps for the hazard mitigation planning process.

To view the draft plan visit:
https://www.gobroomecounty.com/planning/hazardmitigation/

Join Teams Meeting:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDM3OGNmOGEtZGZiZi00YzcxLWI1NDUtMzJlMzJlNjU4ZGNj%40thread.v2/0?context=%7b%22Tid%22%3a%22a40fe4ba-abc7-48fe-8792-b43889936400%22%2c%22Oid%22%3a%22d157ef37-b8f8-4fdb-97bf-ee6dd3d3b79a%22%7d
Meeting ID: 210 567 256 799
Passcode: Qn2sy3Xd

TETRA TECH

Somerset County Multi-Jurisdictional Hazard Mitigation Plan 2025 Update

Draft Plan Public Review Meeting

February 28, 2025| 10:00 am – 11:00 am

While waiting for the meeting to start, please sign in through the chat function on Teams.

Introduction

- Opening remarks
  - Somerset County

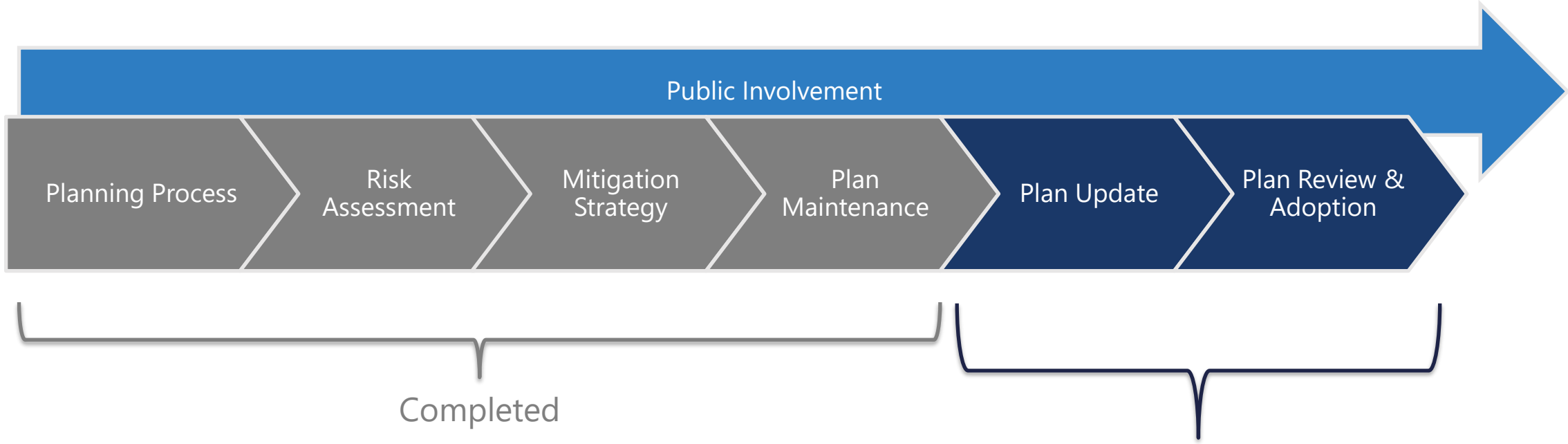
Thank you to the Steering Committee, Planning Team, and stakeholders for their support and participation throughout this process!

Please write **your name and agency** in the chat for attendance!

Today's Agenda

1. Introduction
2. Planning Process
3. Review the Document
4. Next Steps/Questions

Project Schedule



- Draft HMP for Public Review – March 2025
- Public comment period open from March 1 – April 1, 2025
- Draft to PEMA by mid-April 2025
- Draft to FEMA by mid-May 2025

Hazard Mitigation Overview

A hazard mitigation plan assesses the vulnerabilities A hazard mitigation plan assesses the vulnerabilities of communities to natural hazards

Jurisdictions must have a FEMA-approved HMP to be eligible for pre-disaster mitigation funding

The mitigation plan update incorporates new PEMA and FEMA requirements of communities for natural hazards

The mitigation plan update incorporates new FEMA requirements

Planning Area

- Addison (B)
- Addison (T)
- Allegheny (T)
- Benson (B)
- Berlin (B)
- Black (T)
- Boswell (B)
- Callimont (B)
- Casselman (B)
- Central City (B)
- Conemaugh (T)
- Confluence (B)
- Elk Lick (T)
- Fairhope (T)
- Garrett (B)
- Greenville (T)
- Hooversville (B)
- Indian Lake (B)
- Jefferson (T)
- Jenner (T)
- Jennerstown (B)
- Larimer (T)
- Lincoln (T)
- Lower Turkeyfoot (T)
- Meyersdale (B)
- Middlecreek (T)
- Milford (T)
- New Baltimore (B)
- New Centerville (B)
- Northampton (T)
- Ogle (T)
- Paint (B)
- Paint (T)
- Quemahoning (T)
- Rockwood (B)
- Salisbury (B)
- Seven Springs (B)
- Shade (T)
- Shanksville (B)
- Somerset (B)
- Somerset (T)
- Southampton (T)
- Stoneycreek (T)
- Stoystown (B)
- Summit (T)
- Upper Turkeyfoot (T)
- Ursina(B)
- Wellersburg (B)
- Windber (B)

Review of the Planning Process

- During the plan update process, Somerset County and its participating municipalities and stakeholders engaged in the following planning process steps:
  1. Identified and prioritized hazards that may affect the county and its municipalities.
  2. Assessed the County's and each municipality's vulnerabilities to these hazards.
  3. Identified mitigation actions that can reduce those vulnerabilities.
  4. Developed a strategy for implementing those actions, including identifying the agency (or agencies) responsible for each implementation.

2025 Hazards

- Dam Failure
- Drought
- Earthquake
- Environmental Hazards – Coal Mining
- Environmental Hazards – Hazardous Materials Release
- Flood, Flash Flood, Ice Jam
- Hailstorm
- Invasive Species
- Landslide
- Levee Failure
- Opioid Addiction Response
- Pandemic and Infectious Diseases
- Subsidence and Sinkholes
- Terrorism
- Tornado and Windstorm
- Transportation Accidents
- Utility Interruption
- Wildfire
- Winter Storm

HMP Review

- Section 1: Introduction
  - Background
  - Purpose
  - Scope
  - Authority and Reference

HMP Review cont.

- Section 2: County Profile
  - Geography and Environment
  - Community Facts
  - Population and Demographics
  - Land Use and Development
  - Data Sources and Limitations

HMP Review cont.

- Section 3: Planning Process
  - Update Process and Participation Summary
  - The Planning Team
  - Meetings and Documentation
  - Public and Stakeholder Participation
  - Multi-Jurisdictional Planning

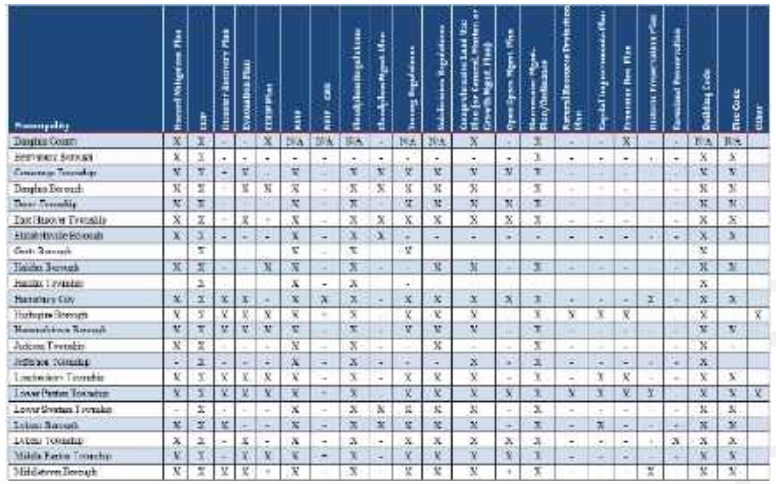
HMP Review cont.

- Section 4: Risk Assessment
  - Update Process and Participation Summary
  - Hazard Identification
  - Hazard Profiles
  - Hazard Vulnerability Summary

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Opioid Addiction Response	4	4	4	1	4	3.7
	Flood, Flash Flood, Ice Jam	4	3	3	4	3	3.4
	Invasive Species	4	3	4	1	4	3.4
	Tornadoes and Windstorms	2	4	3	4	4	3.2
	Environmental Hazards (Hazmat Release)	3	3	3	4	3	3.1
	Dam Failure	2	4	3	2	4	3
	Levee Failure	2	4	3	2	4	3
	Utility Interruption	4	2	2	4	3	2.9
	Environmental Hazards (Oil and Natural Gas Pipelines)	3	2	3	4	3	2.8
	Pandemic and Infectious Disease	3	2	4	1	4	2.8
	Winter Storm	3	2	4	2	3	2.8
	Drought	2	2	4	1	4	2.5
	Transportation Accidents	4	1	2	4	2	2.5
	Wildfire	3	2	2	4	2	2.5

HMP Review cont.

- Section 5: Capability Assessment
  - Update Process Summary
  - Capability Assessment Findings
    - —Planning and Regulatory Capability
    - —Administrative and Technical Capability
    - —Financial Capability
    - —Plan Integration



HMP Review cont.

- Section 6: Mitigation Strategy
  - Update Process Summary
  - Mitigation Goals and Objectives
  - Identification and Analysis of Mitigation Techniques
  - Mitigation Action Plan

HMP Review cont.

- Section 7: Plan Maintenance Procedures
  - Update Process Summary
  - Monitoring, Evaluating, and Updating the Plan
  - Continued Public Involvement

HMP Review cont.

- Section 8: Plan Adoption

HMP Review – Volume II Appendices

- Appendices – Volume II
  - Acronyms and Abbreviations
  - Authorities and References
  - Local Plan Review Tool
  - Meeting Documentation
  - Municipal Participation Documentation
  - Public and Stakeholder Documentation
  - Adoption Resolutions
  - Blank Mitigation Action Worksheet
  - Mitigation Action Worksheets
  - Critical Facilities (Confidential)

Review the Draft Plan

- The plan has been uploaded to the Somerset County HMP website.
- Input requested on additional/specific information and corrections/omissions.
- Draft plan available for comment until **April 1, 2025**.
- Public feedback will be incorporated as appropriate prior to submittal to PEMA/FEMA for their review.

Draft HMP Review Links

- Explore the Plan - Somerset County Hazard Mitigation Plan Update

Questions?

The public comment period ends April 1, 2025!

https://www.goSomersetcounty.com/planning/hazardmitigation/

Thank You!

Somerset County Project Contacts

Joel Landis, Somerset County Emergency Management Agency, Director
(814) 445-1515 x4 | landisj@co.somerset.pa.us

Tetra Tech Project Contacts

Lisa Danner, Project Manager
(828) 773-4724 | lisa.danner@tetratech.com

MEETING NOTES

Meeting	Somerset County Hazard Mitigation Plan (HMP) Draft Review Meeting		
Date	February 28, 2025	**Time**	10:00 a.m. – 12:00 p.m.
Location	MS Teams		
Attendees	Joel Landis, Somerset County EMA		
	Chadd Sines, Somerset County Planning Commission		
	Kevin Broadwater, Somerset County Deputy EMA		
	Harve Wetzler, Addison VFD		
	Jonathan Hoover, DLP Conemaugh Meyersdale Medical Center		
	Charles Hughes, PEMA		
	Craig Hollis-Nicholson, Somerset County 911		
	Sharlene McCoy, Somerset EMA		
	Lisa Danner, Project Manager, Tetra Tech		
	Paige Kaspar, Lead Planner, Tetra Tech		

Discussion Points

This section summarizes each discussion point addressed during the meeting.

Welcome

Mrs. Danner welcomed attendees and described the purpose of the meeting.

Review the Planning Process

Mrs. Danner reviewed the project timeline from the beginning to the conclusion. She then provided a summary of the continuing efforts pertaining to the HMP update project and also discussed which stakeholders participated in the planning process.

Review the Document

Mrs. Danner gave a brief summary of each section of the updated HMP, as described below:

- Section 1: Introduction provides the background, purpose, and scope of the HMP.
- Section 2: County Profile discusses the nature of Armstrong County, its communities, and its environment. It also discusses the limitations of data used in developing the HMP.
- Section 3: Planning Process summarizes the process by which the HMP was updated. It identifies the municipalities and stakeholders that participated in the planning process.
- Section 4: Risk Assessment includes the hazard profiles and vulnerability summary.
- Section 5: Capability Assessment describes the plans, regulations, staff, and resources available to implement hazard mitigation throughout the County. Mrs. Danner described the mitigation grants that are available for municipalities to fund mitigation projects.

- Section 6: Mitigation Strategy includes the goals, objectives, mitigation actions identified in the planning process.
- Section 7: Plan Maintenance describes how the HMP will be maintained over 5 years after adoption, including the annual review process.
- Section 8: Plan Adoption includes template resolutions for each participating jurisdiction to adopt the HMP.
- The appendices include documentation of the planning process. Appendix C lists the critical facilities analyzed in the risk assessment; this appendix is not available to the public for security reasons.

Next Steps

Mrs. Danner reviewed the following next steps in the HMP update process with attendees:

- Mr. Landis will accept comments on the draft and provide those comments to Tetra Tech by April 1,2025.
- Tetra Tech will incorporate any comments on the draft HMP by May 1, 2025.
- Tetra Tech will submit the HMP to PEMA for review by end of May 2025.
- After PEMA completes its review, Tetra Tech will make any required changes and submit the plan to the Federal Emergency Management Agency (FEMA) for formal review, probably in late May 2025.

With no further questions, Mr.Landis and Mrs. Danner thanked attendees for their time and participation.

APPENDIX D: MUNICIPAL PARTICIPATION DOCUMENTATION

Capability Assessment Survey

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: ADDISON BOROUGH **Email:** hwetzler@addisonvfd.org

Phone Number: 410-215-2970

Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan			**As of March 2024**		
Emergency Operations Plan			**Draft Completed March 2024**		

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Disaster Recovery Plan			X		
Evacuation Plan			X		
Continuity of Operations Plan			X		
NFIP			X		
NFIP – Community Rating System			X		
Floodplain Regulations			X		
Floodplain Management Plan			X		
Zoning Regulations			See county		
Subdivision Regulations			See county		
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)			See county		
Open Space Management Plan (or Parks/Rec or Greenways Plan)			See county		
Stormwater Management Plan / Ordinance			See county		

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Natural Resource Protection Plan			**See county**		
Capital Improvement Plan			**See county**		
Economic Development Plan			**See county**		
Historic Preservation Plan					
Farmland Preservation			**See county**		
Building Code			**See county**		
Fire Code			**See county**		
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		Harvey Wetzler/Don Carlton LEMC	
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees	X		Addison Water Authority	
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	X		County COAD/Local VFD	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate

degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: Addison Borough **Email:** hwetzler@addisonvfd.org

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING

Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	

Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	
Is a CAV or CAC scheduled or needed?		

Staff Resources		
Topic	**Source of Information**	**Comments**
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Harvey Wetzler | Title: LEMC

Jurisdiction: Addison Borough | Email: hwetzler@addisonvfd.org

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	

Goals and Objectives		
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	

Goals and Objectives		
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	

Goals and Objectives		
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						*NA*
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						*NA*
1.1.3	Protect natural wetlands that may absorb floodwaters.						*NA*
1.2.1	Work with township/borough officials to increase						NA

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement						NA

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	• Market and/or replacement value						
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						*NA*
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the						*NA*

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						*NA*
1.4.2	Elevate structures to above the base flood elevation.						*NA*
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.		X	X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						*NA*
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).		X				

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County		X				
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).		X				
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.		X				
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.		X				
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.		X				*Local FUSION Rep*
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X					
3.1.2	Distribute and promote the inclusion of vulnerability			X			*Local*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	analysis information as part of the periodic plan review to all at the public/private levels.						*FUSION Rep*
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.		X				
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.		X				
3.2.3	Enhance building codes at the municipal level.		X				
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.		X				
5.2.2	Evaluate means to enhance response capability for functional needs residents.		X				
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.		X				
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.		X				
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					
6.3.1	Review, update, and exercise high hazard dam plans.			X			
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: Melissa Wass Title: Supervisor/Secretary/Treasurer

Jurisdiction: Addison Township Email: addisontwp@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	Stormwater
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	I	areas that are currently impacted
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	I	more heavy winds
Wildfire	NC	
Winter Storms	NC	snow less; ice more
Human-Caused Hazards		
Emergency Services	D	closer ambulance service
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	I	High Point Lake/Dam
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	D	Companies doing more preventative

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☑ Environmental Hazards – Conventional Oil/Gas Wells
- ☑ Environmental Hazards – Gas and Liquid Pipelines
- ☑ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

12 Gas wells within our municipality
3 pipelines/2 feeders each flow through municipality

Capability Assessment Survey

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: ADDISON TOWNSHIP **Email:** hwetzler@addisonvfd.org

Phone Number: 410-215-2970

Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan			**As of March 2024**		
Emergency Operations Plan			**Draft Completed March 2024**		
Disaster Recovery Plan			**X**		

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment	
Evacuation Plan			X	
Continuity of Operations Plan			X	
NFIP			X	
NFIP – Community Rating System			X	
Floodplain Regulations			X	
Floodplain Management Plan			X	
Zoning Regulations			See county	
Subdivision Regulations			See county	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)			See county	
Open Space Management Plan (or Parks/Rec or Greenways Plan)			See county	
Stormwater Management Plan / Ordinance			See county	
Natural Resource Protection Plan			See county	
Capital Improvement Plan			See county	

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment	
Economic Development Plan			**See county**	
Historic Preservation Plan				
Farmland Preservation			**See county**	
Building Code			**See county**	
Fire Code			**See county**	
Other				

Administrative and Technical Capability: Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		Harvey Wetzler/Don Carlton LEMC	
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

- **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees	X		Addison Water Authority	
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

- **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	X		County COAD/Local VFD	
Other				

- **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate

degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: Addison Township **Email:** hwetzler@addisonvfd.org

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING

Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	

Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	
Is a CAV or CAC scheduled or needed?		

Staff Resources		
Topic	**Source of Information**	**Comments**
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Harvey Wetzler | Title: LEMC

Jurisdiction: Addison Township | Email: hwetzler@addisonvfd.org

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	

Goals and Objectives		
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	

Goals and Objectives		
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						*NA*
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						*NA*
1.1.3	Protect natural wetlands that may absorb floodwaters.						*NA*
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs						NA

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						NA

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						*NA*
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						*NA*
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						*NA*
1.4.2	Elevate structures to above the base flood						*NA*

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.		X	X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						*NA*
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).		X				
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County		X				
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).		X				
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.		X				
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.		X				
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.		X				*Local FUSION Rep*
3.1.1	Ensure that land use, zoning, and related	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	regulations require an ade-quate setback of structures from the edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.			X			*Local FUSION Rep*
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.		X				
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.		X				
3.2.3	Enhance building codes at the municipal level.		X				
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.		X				
5.2.2	Evaluate means to enhance response capability for		X				

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	functional needs residents.						
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.		X				
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical		X				

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					
6.3.1	Review, update, and exercise high hazard dam plans.			X			
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Capability Assessment Survey

Name: Gerald Parry **Title:** _____

Jurisdiction: Berlin Boro **Email:** _____

Phone Number: 814-442-2172

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy, completed one action.
Hazard Mitigation Plan	X	2-4-21			
Emergency Operations Plan	X	12-15-22			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		✓		
Planners or engineers (with natural and/or human caused hazards knowledge)		✓		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		✓		
Emergency Manager	✓			
Floodplain Manager		✓		
Land Surveyors		✓		
Scientists or staff familiar with the hazards of the community		✓		
Personnel skilled in GIS and/or FEMA's HAZUS program		✓		
Grant writers or fiscal staff to handle large or complex grants		✓		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)	✓		Somerset Redevelopment	
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees				
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		✓		
StormReady certification		✓		
Natural disaster or safety related school programs		✓		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		✓		
Public-private partnership initiatives addressing disaster-related issues		✓		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		✓		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	✓		
Administrative and Technical Capability	✓		
Financial Capability	✓		
Education and Outreach	✓		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Gerald Parry Title:

Jurisdiction: Berlin Boro Email:

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	✓					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	✓					
1.1.3	Protect natural wetlands that may absorb floodwaters.	✓					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	✓					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	✓					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	✓					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	✓					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	✓					
1.4.2	Elevate structures to above the base flood elevation.	✓					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	✓					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	✓					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	✓					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	✓					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	✓					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	✓					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	✓					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	✓					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	✓					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	✓					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	✓					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	✓					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	✓					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	✓					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	✓					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	✓					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	✓					
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	✓					
3.3.1	Provide updated training to municipal building inspectors.	✓					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	✓					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	✓					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	✓					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	✓					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	✓					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	✓					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	✓					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	✓					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	✓					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	✓					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	✓					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	✓					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	✓					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			✓			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	✓					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	✓					
5.3.4	Conduct post-disaster community recovery planning.	✓					
5.3.5	Maintain debris management plan.	✓					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	✓					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	✓					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	✓					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	✓					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	✓					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	✓					

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
6.3.1	Review, update, and exercise high hazard dam plans.	✓					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	✓					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Not in a flood Zone

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Gerald Pamy **Title:**

Jurisdiction: Berlin Boro **Email:**

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT *Requirement*	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Gerald Parry **Title:**

Jurisdiction: Berlin Boro **Email:** gparry3@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake		
Flood, Flash Flooding, and Ice Jam		
Hailstorms		
Hurricane, Tropical Storms, Nor'easter		
Invasive Species		
Landslide		
Pandemic and Infectious Disease		
Radon Exposure		
Subsidence, Sinkhole		
Tornadoes and Windstorms		
Wildfire		
Winter Storms		
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)		
Levees and Dam Failure		
Opioid Epidemic		
Terrorism		
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
- ☐ Extreme Temperature
- ☐ Lightning Strike

NO

Human-Caused NO

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Gerald Parry Title: EMC

Jurisdiction: Berlin, Brothersvalley, Northampton Email: gparry3@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Spotted Lantern Fly
Landslide	NC	
Pandemic and Infectious Disease	I	Covid
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	I	Straight line winds
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Limited Ambulance Service
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Traci Horning

Title: Executive Secretary

Jurisdiction: Borough of Berlin

Email: ExecSecretary@berlinborough.org

Phone Number: 814-267 3837 opt 3

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan					
Emergency Operations Plan	X	12/2022			Corry Parry
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations	N/A				
Floodplain Management Plan	N/A				
Zoning Regulations	N/A				

Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	X	4/7/2011		Borough	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X	7/1999		CCIS	Marty Steach
Fire Code					
Other					

2.

Administrative and Technical Capability: Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X		Appalachian Engineering Group	
Planners or engineers (with natural and/or human caused hazards knowledge)	X			
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Commonwealth Code Inspection Service	Also Appalachian Engineering Group
Emergency Manager	X		Borough/Gerry Parry	
Floodplain Manager		X		
Land Surveyors	X		Appalachian Engineering Group	
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants	X		Borough	
Other				

3.

Financial Capability: Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)	X		Somerset Redevelopment	
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees				
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		✓		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability	X		
Financial Capability		X	
Education and Outreach	X		

Hazard Identification and Risk Evaluation Worksheet

Name: Tracy Horning Title: Executive Secretary

Jurisdiction: Borough of Berlin Email: execsecretary@berlinborough.org

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought		
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services		
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
Extreme Temperature
Lightning Strike

Human-Caused

Building and Structure Collapse
Civil Disturbance
Cyber Terrorism
Environmental Hazards – Coal Mining
Environmental Hazards – Conventional Oil/Gas Wells
Environmental Hazards – Gas and Liquid Pipelines
Environmental Hazards – Unconventional Oil/Gas Wells
Mass Food and Animal Feed Contamination
Nuclear Incident
Urban Fire and Explosion

Additional Comments:

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Tracy Herring Title: Exec Secretary

Jurisdiction: Borough of Berlin Email: ExecSecretary@berlinborough.org

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

	Existing Mitigation Action	Status					
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	✓					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	✓					
1.1.3	Protect natural wetlands that may absorb floodwaters.	✓					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	✓					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	✓					

1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						
1.4.2	Elevate structures to above the base flood elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.						
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary						

	shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	✓					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	✓					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	✓					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	✓					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	✓					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	✓					
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	✓					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	✓					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	✓					
3.1.4	Integrate evaluation of snow removal and	✓					

	emergency access logistics with new development planning.						
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	) Code Inspector Handles all this					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	✓					
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	✓					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	✓					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	✓					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	✓					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	✓					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	✓					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	✓					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and	✓					

	evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	✓					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	✓					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	✓					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	✓					
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	✓					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.						
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	✓					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						
5.3.4	Conduct post-disaster community recovery planning.	✓					
5.3.5	Maintain debris management plan.	✓					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	✓					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	✓					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	✓					

6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	✓					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	✓					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	✓					
6.3.1	Review, update, and exercise high hazard dam plans.	✓					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	✓					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Traci Horning Title: Executive Secretary

Jurisdiction: Borough of Berlin Email: execSecretary@berlinborough.org

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		WE ARE NOT IN A flood plain.
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*

a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*

a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	
Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	

Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Jurisdiction Risk - Borough of Berlin **(Municipality)**

Municipality	Opioid Addiction Response	Flood, Flash Flood, Ice Jam	Invasive Species	Tornadoes and Windstorms	Environmental Hazards (Hazmat Release)	Dam Failure	Levee Failure	Utility Interruption	Environmental Hazards (Oil and Natural Gas	Pandemic and Infectious Disease	Winter Storm	Drought	Transportation Accidents	Wildfire	Environmental Hazards (Coal Mining)	Subsidence and Sinkholes	Hailstorm	Terrorism	Landslide	Earthquake
	3.7	3.4	3.4	3.2	3.1	3	3	2.9	2.8	2.8	2.8	2.5	2.5	2.5	2.4	2.4	2.1	1.9	1.8	1.3
	=	<	=	=	<	<	<	<	=	=	=	=	<	<	<	=	=	=	<	=

> Your municipality's risk from this hazard is greater than the County's risk as a whole.

< Your municipality's risk from this hazard is less than the County's risk as a whole.

= Your municipality's risk from this hazard is about the same as the County's risk as a whole

2020 Somerset County Hazard Mitigation Plan - Municipal Project Opportunities						
Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Addison Borough/Addision Township	1	Chlorinator Site Emergency Backup Generator	Currently there is no backup power supply at the chlorination site for the Addison Area Water Authority (AAWA) water supply. Whenever power goes out at the Chlorination site the AAWA water system losses the ability to disinfect water being produced at the well site. Due to the distance between the well site and the chlorinator site, these sites receive power from two different companies. This untreated water creates a serious health and safety risk to all residents and businesses connected to the water main between the chlorinator and reservoir. If the power outage lasts long enough, even the reservoir becomes deluded enough to cause a serious health and safety risk to the entire Borough.	The engineering has already been completed. It includes complete installation of 30 kW Generac generator and 500 gal. propane tank including all required wiring, switches and cement anchor pads.	Utility	$30,000.00
Addison Borough	2	Repair/Replace Culvert from under Old Tannery Lane to Route 40	During heavy rainfall the adjoining land east of Old Tannery Lane floods due to the culvert, in the attached photo, being too small and partially obstructed to let the water flow unobstructed. This flooding directly affects the property in the southeast corner of the intersection of rout 40 and Old Tannery Lane. During heavy rains this section of Old Tannery Lane also floods over between the culvert and route 40. If an emergency situation occurs during such a flooding event it could hamper the response of emergency services.	No action has been taken to develop a solution to correct this problem. The Borough would need to seek grant funding and loans to cover the cost of this project.	Flooding	$150,000.00
Addison Borough	3	Renovate Addison Borough building at 704 Main Street	The property at 704 Main Street, Addison, PA, and the two story building located on that property were donated to the Addison Borough. The Borough had planned on using this building as the base of operation was originally a store in town that closed back in the 1970's. For the Addison Borough and Addison Area Water Authority to start using this building they would have to have the building completely rewired and a new heating system installed in the building. The building would also need to be fitted for disability access at the entrance and restroom facilities. All these updates and improvements need to have approved for the Borough and Addison Area Water Authority. Unfortunately the heating and electric systems within the building are considerably out of date. The building has not been used for decades. The building engineering plans completed before permits can be obtained to complete these updates and improvements. This building has great potential because it provides plenty of room for emergency supply storage and potential for being a viable command post during significant disaster and emergency events affecting the southwestern part of Somerset County.	No action has been taken to develop a solution to correct these issues due to the costs involved. The Borough would need to seek grant funding and loans to cover the cost of this project.	All-Hazards	$250,000.00
Addison Borough/Addision Township	N/A	Well Site Emergency Backup Generator	Currently there is no backup power supply at the well site for the Addison Area Water Authority (AAWA) water supply. Whenever power goes out at the well site the AAWA water main losses water pressure allowing untreated infiltrated water to enter the line between the chlorination treatment building and reservoir. This untreated infiltrated water creates a serious health and safety risk to residents and businesses who are tapped into that section of water main. After only a couple of hours the residents and businesses on this section of line also run out of potable water. If the power outage lasts long enough, even the Borough runs out of potable water after several days.	The engineering has already been completed. It includes complete installation of 80 kW Generac generator and 1000 gal. propane tank including all required wiring, switches and cement anchor pads.	Utility	$45,000.00
Berlin Borough	N/A	Electric System Precautionary Plan	Severe Weather affects multiple area of Berlin Electric system. Electric poles have aged, and replacement is being conducted as needed Generators are vulnersble to if power lines supporting the system are compromised. Components from supply area and switch are exposed.	Increase replacement of poles – based on physical inspection.	Utility/All-Hazards	N/A

IN Progress Working w/Verizon to replace poles.

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Berlin Borough	N/A	Subsurface mines may exist	Possible void in areas in the subsurface. Cause may be from prior mining.	Detect and eliminate possible subsurface voids.	Subsidence and Sinkholes	N/A
DONE Berlin Borough	N/A	Water system supply replacement Plan	Replace water line from supply to town of Berlin.	Increase water supply to Berlin. Project has been submitted for permitting.	Utility	N/A
Brothersvalley Township	N/A	Emergency Generator	Provide emergency power during disasters.	Purchase and install generators to provide power to township buildings	All-Hazards	$66,000.00
Brothersvalley Township	N/A	Snow Equipment	Removal of snow in major snow storm.	Purchase large V plow for grader.	Winter Storms/Environmental Hazards - Transportation	$24,000.00
Central City Borough	1	Lambert Street Storm Drain	Stop water from filling up on roadway.	N/A	Flooding	N/A
Central City Borough	2	Dredging Dark Shade Creek	Dredge the creek. This will solve flooding.	N/A	Flooding	N/A
Conemaugh Township	1	Blackner Road Slope Stabilization	The slope below this township maintained roadway (Blackner Road) has become unstable and has begun to compromise the shoulder and cartpath As a safety measure this area has been reduced to one lane. An additional concern is that further movement of this embankment will cause earth and debris to fall onto Soap Hollow Road. This highway is maintained by Pennsylvania Department of Transportation..	Conemaugh Township has contracted an engineering firm to evaluate this situation and provide recommendations to stabilize the embankment to prevent additional slides and risk to the public.	Flooding	N/A
Conemaugh Township	2	Bens Creek Cobble Removal	This area has an excessive accumulation of cobble risking a threat to a bridge structure maintained by Pennsylvania Department of Transportation. In addition it inhibits proper flow of the creek, and during heavy flows overtopping of the bridge has occurred. This condition not only causes the closure of the direct route to a local trauma center and hospital, flood damage has occurred at nearby businesses and homes.	Have an engineering study preformed to determine the best option for the removal of this build up.	Flooding/Environmental Hazards - Transportation	N/A
Conemaugh Township	3	Smith Street/South Main Street Stream Clearing	This area has an excessive accumulation of debris that may lead to potential flooding of many homes situated along the stream channel. In addition the streambanks have become unstable and previous materials placed to help mitigate the situation have fallen into the channel.	Perform an engineering study to determine the best method to remove the debris and restore the streambanks.	Flooding	N/A
Elk Lick Township	N/A	Replacement of Township Signs - Piney Run Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on Piney Run Road.	Transportation Accidents	$130.00
Elk Lick Township	N/A	Replacement of Township Signs - School Street/Maxon Dixon Hwy	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on School Street at the intersection of Maxon Dixon Highway.	Transportation Accidents	$75.00
Elk Lick Township	N/A	Replacement of Township Signs - River Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a stop sign on River Road at the intersection of Old 219 Road	Transportation Accidents	$80.00
Elk Lick Township	N/A	Replacement of Township Signs - Sunnyvale Road/Mount Davis Road	Missing or damaged sign is being replaced to make navigating more accurate.	The road crew will replace a road sign on Sunnyvale Road at the intersection of Mount Davis Road	Transportation Accidents	$130.00

Hazard Identification and Risk Evaluation Worksheet

Name: David F. Reeder **Title:** Superintendent

Jurisdiction: Berlin Brothersvalley, SD **Email:** dreeder@bbsd.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC/NA	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

The remnants of coal mines in the school district and mine subsidence is the issue

I would suggest that school districts take the worksheet back to the leadership/management teams to discuss and complete

Capability Assessment Survey

Name: Goldie Oberholser **Title:** Secretary

Jurisdiction: Borough of Boswell **Email:** boswellborough@gmail.com

Phone Number: 814-629-6121

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**x**	**11/9/20**		**Borough of Boswell**	
Emergency Operations Plan	**x**	**7/11/22**		**Borough of Boswell**	
Disaster Recovery Plan	**x**				
Evacuation Plan	**x**				
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Zoning Regulations	x			Borough of Boswell	
Subdivision Regulations	x			PMCA	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	x			PMCA	
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	x			Aspire - Grant	Grants
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	x			PMCA	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)	x		Contract Apex	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		Contract PMCA	
Emergency Manager	x		Mayor and Maintenance	
Floodplain Manager				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants	X		Contract Aspire	
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)	x		Grant writer making request	
Special Purpose Taxes	x		Street Lights	
Gas / Electric Utility Fees				
Water / Sewer Fees				
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety related school programs	x		Police – underage drinking	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	x		Boswell Improvement Group North Star Outreach	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		x	
Administrative and Technical Capability		x	
Financial Capability	x		
Education and Outreach	x		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Goldie Oberholser

Title: Secretary

Jurisdiction: Borough of Boswell

Email: boswellborough@gmail.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective	Update our storm water infrastructure	**We received a grant to start this project. Move needs to be done.**
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						
1.4.2	Elevate structures to above the base flood elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.						
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.						
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.						
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.						
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.						
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.						
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.						
5.2.2	Evaluate means to enhance response capability for functional needs residents.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.						
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.						
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						
5.3.4	Conduct post-disaster community recovery planning.						
5.3.5	Maintain debris management plan.						
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
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EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
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PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Goldie Oberholser **Title:** Secretary

Jurisdiction: Borouogh of Boswell **Email:** boswellborough@gmail.com

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.		
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.		
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Goldie Oberholser **Title:** Secretary

Jurisdiction: Borough of Boswell **Email:** boswellborough@gmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- X Lightning Strike

Human-Caused

- X Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Nothing has changed. We are working with our attorney to demolish some buildings that are collapsing.

We have a grant to start working on the storm water issue in our town.

We not longer have an ambulance from our town, but use the Somerset ambulance co.

Capability Assessment Survey

Name: Gerald Parry **Title:** _____

Jurisdiction: Brothersvalley **Email:** _____

Phone Number: _____

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan					
Emergency Operations Plan	X				
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations	X				County

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		✓		
Planners or engineers (with natural and/or human caused hazards knowledge)		✓		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		✓		
Emergency Manager	✓			
Floodplain Manager		✓		
Land Surveyors		✓		
Scientists or staff familiar with the hazards of the community		✓		
Personnel skilled in GIS and/or FEMA's HAZUS program		✓		
Grant writers or fiscal staff to handle large or complex grants		✓		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		✓		
Community Development Block Grants (CDBG)		✓		
Special Purpose Taxes		✓		
Gas / Electric Utility Fees		✓		
Water / Sewer Fees		✓		
Stormwater Utility Fees		✓		
Development Impact Fees		✓		
General Obligation, Revenue, and/or Special Tax Bonds		✓		
Partnering Arrangements or Intergovernmental Agreements		✓		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		✓		
StormReady certification		✓		
Natural disaster or safety related school programs		✓		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		✓		
Public-private partnership initiatives addressing disaster-related issues		✓		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		✓		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	✓		
Administrative and Technical Capability	✓		
Financial Capability	✓		
Education and Outreach	✓		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	✓					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.	✓					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	✓					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	✓					

BROTHERSVALLEY

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	✓					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	✓					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	✓					
1.4.2	Elevate structures to above the base flood elevation.	✓					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	✓					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	✓					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	✓					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	✓					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	✓					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	✓					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.			✓			
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	✓					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	✓					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	✓					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	✓					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	✓					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	✓					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	✓					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.			✓		County	
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.			✓			
3.2.3	Enhance building codes at the municipal level.	✓					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	✓					
3.3.1	Provide updated training to municipal building inspectors.	✓					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	✓					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	✓					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	✓					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	✓					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	✓					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	✓					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	✓					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	✓					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	✓					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	✓					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	✓					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.	✓		✓			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	✓					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	✓					
5.3.4	Conduct post-disaster community recovery planning.	✓					
5.3.5	Maintain debris management plan.	✓					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	✓					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	✓					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	✓					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	✓					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	✓					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

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PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

No Flood Plains

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Gerald Parry **Title:** _____

Jurisdiction: Brothersvalley **Email:** _____

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	NO	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	NO	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	NO	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	NO	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	NO	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Gerald Parry Title: _____

Jurisdiction: Brothersvalley Email: _____

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought		
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms		
Hurricane, Tropical Storms, Nor'easter		
Invasive Species		
Landslide		
Pandemic and Infectious Disease		
Radon Exposure		
Subsidence, Sinkhole		
Tornadoes and Windstorms		
Wildfire		
Winter Storms		
Human-Caused Hazards		
Emergency Services		
Environmental Hazards (Hazmat)		
Levees and Dam Failure		
Opioid Epidemic		
Terrorism		
Transportation Accidents		
Utility Interruption		

Hazard Identification and Risk Evaluation Worksheet

Name: Gerald Parry Title: EMC

Jurisdiction: Berlin, Brothersvalley, Northampton Email: gparry3@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Spotted Lantern Fly
Landslide	NC	
Pandemic and Infectious Disease	I	Covid
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	I	Straight line winds
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Limited Ambulance Service
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Kevin Broadwater Title: Local EMC

Jurisdiction: Meyersdale Boro, Salisbury Boro Email: broadwaterk@co.somerset.pa.us

Summit Twp, Greenville Twp, Larimer twp **PART I**

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	D	
Flood, Flash Flooding, and Ice Jam	I	area of concern
Hailstorms	D	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	spotted lantern fly
Landslide	D	
Pandemic and Infectious Disease	I	covid influenza
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	I	more frequent
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Lack of Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Richard Ames Title: Ops Manager

Jurisdiction: Cambria / Somerset Authority Email: csa@cambriasomersetwater.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC control flood plain	to prevent fast run-off
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	run-off
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	
Landslide	NC	
Pandemic and Infectious Disease	I	COVID 19/variants
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	D	MILD winters
Human-Caused Hazards		
Emergency Services	I	Drugs
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	~~I~~ NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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

- [x] Coastal Erosion
- [ ] Extreme Temperature
- [ ] Lightning Strike

Human-Caused

- [ ] Building and Structure Collapse
- [ ] Civil Disturbance
- [ ] Cyber Terrorism
- [x] Environmental Hazards – Coal Mining
- [ ] Environmental Hazards – Conventional Oil/Gas Wells
- [ ] Environmental Hazards – Gas and Liquid Pipelines
- [ ] Environmental Hazards – Unconventional Oil/Gas Wells
- [x] Mass Food and Animal Feed Contamination
- [ ] Nuclear Incident
- [ ] Urban Fire and Explosion

Additional Comments:

Coal mining AMD, - run off into river
Landfills near River - run-off into river

Capability Assessment Survey

Name: Steven Buncich

Title: Supervisor Chairman

Jurisdiction: Conemaugh Township Somerset County

Email: smbuncich@contwpsupers.us

Phone Number: 814-288-1400

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**1/1/2022**			
Emergency Operations Plan	**x**	**1/1/2022**			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	**x**			**FEMA**	
NFIP – Community Rating System	**x**			**FEMA**	
Floodplain Regulations	**x**	**8/22/12**		**Walker Consulting Conemaugh Township**	
Floodplain Management Plan	**x**	**8/22-12**		**Walker Consulting Conemaugh Township**	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Zoning Regulations	x	1970		Conemaugh Township	
Subdivision Regulations	x	12/13/90		Conemaugh Township	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	x	6/10/10		Somerset County Conemaugh Township	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation	x	8/15/95		Conemaugh Township Agriculture Security	
Building Code	x	6/16/04		Walker Consulting Conemaugh Township	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	x		Planning Commission Conemaugh Township	
Planners or engineers (with natural and/or human caused hazards knowledge)	x		EADS Group	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		EADS Group	
Emergency Manager	x		Brian Shoff Conemaugh Township	
Floodplain Manager	x		Walker Consulting	
Land Surveyors	x		EADS Group	
Scientists or staff familiar with the hazards of the community	x		Conemaugh Township	
Personnel skilled in GIS and/or FEMA's HAZUS program	x		EADS Group	
Grant writers or fiscal staff to handle large or complex grants		x		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	x		Conemaugh Township	
Community Development Block Grants (CDBG)	x		County Redevelopment Authority	
Special Purpose Taxes	x		Conemaugh Township	
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		Conemaugh Twp. Municipal Auth Conemaugh Twp. Sewer Dept.	
Stormwater Utility Fees		x		
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds		x		
Partnering Arrangements or Intergovernmental Agreements	x		Neighboring Municipalities	
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		x		
StormReady certification		x		
Natural disaster or safety related school programs		x		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	x		Conemaugh Township	MS4
Public-private partnership initiatives addressing disaster-related issues		x		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	x		Various	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			x
Administrative and Technical Capability			x
Financial Capability		x	
Education and Outreach			x

Hazard Identification and Risk Evaluation Worksheet

Name: Steven Buncich Title: Supervisor

Jurisdiction: Conemaugh Township Somerset County Email: smbuncich@contwpsupers.us

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	I	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	D	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	D	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	D	Lack of Volunteers
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	D	

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
- ☐x Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐x Civil Disturbance
- ☐x Cyber Terrorism
- ☐x Environmental Hazards – Coal Mining
- ☐x Environmental Hazards – Conventional Oil/Gas Wells
- ☐x Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- X Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Steven Buncich **Title:** Supervisor

Jurisdiction: Conemaugh Township **Email:** smbuncich@contwpsupers.us

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	
c. Does the municipality support requests for map updates?	If yes, specify how.	Yes	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Township Office

2. FLOODPLAIN MANAGEMENT *Requirement*	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	No	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	Township Office
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	Township Office
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	Township Code Enforcement Official
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	Yes	Refer To FEMA

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Capability Assessment Survey

Name: Steven Buncich

Title: Supervisor Chairman

Jurisdiction: Conemaugh Township Somerset County

Email: smbuncich@contwpsupers.us

Phone Number: 814-288-1400

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**1/1/2022**			
Emergency Operations Plan	**x**	**1/1/2022**			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	**x**			**FEMA**	
NFIP – Community Rating System	**x**			**FEMA**	
Floodplain Regulations	**x**	**8/22/12**		**Walker Consulting Conemaugh Township**	
Floodplain Management Plan	**x**	**8/22-12**		**Walker Consulting Conemaugh Township**	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Zoning Regulations	x	1970		Conemaugh Township	
Subdivision Regulations	x	12/13/90		Conemaugh Township	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	x	6/10/10		Somerset County Conemaugh Township	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation	x	8/15/95		Conemaugh Township Agriculture Security	
Building Code	x	6/16/04		Walker Consulting Conemaugh Township	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	x		Planning Commission Conemaugh Township	
Planners or engineers (with natural and/or human caused hazards knowledge)	x		EADS Group	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		EADS Group	
Emergency Manager	x		Brian Shoff Conemaugh Township	
Floodplain Manager	x		Walker Consulting	
Land Surveyors	x		EADS Group	
Scientists or staff familiar with the hazards of the community	x		Conemaugh Township	
Personnel skilled in GIS and/or FEMA's HAZUS program	x		EADS Group	
Grant writers or fiscal staff to handle large or complex grants		x		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	x		Conemaugh Township	
Community Development Block Grants (CDBG)	x		County Redevelopment Authority	
Special Purpose Taxes	x		Conemaugh Township	
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		Conemaugh Twp. Municipal Auth Conemaugh Twp. Sewer Dept.	
Stormwater Utility Fees		x		
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds		x		
Partnering Arrangements or Intergovernmental Agreements	x		Neighboring Municipalities	
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		x		
StormReady certification		x		
Natural disaster or safety related school programs		x		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	x		Conemaugh Township	MS4
Public-private partnership initiatives addressing disaster-related issues		x		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	x		Various	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			x
Administrative and Technical Capability			x
Financial Capability		x	
Education and Outreach			x

Hazard Identification and Risk Evaluation Worksheet

Name: Steven Buncich Title: Supervisor

Jurisdiction: Conemaugh Township Somerset County Email: smbuncich@contwpsupers.us

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	I	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	D	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	D	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	D	Lack of Volunteers
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	D	

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
- ☐x Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐x Civil Disturbance
- ☐x Cyber Terrorism
- ☐x Environmental Hazards – Coal Mining
- ☐x Environmental Hazards – Conventional Oil/Gas Wells
- ☐x Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- X Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Steven Buncich **Title:** Supervisor

Jurisdiction: Conemaugh Township **Email:** smbuncich@contwpsupers.us

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	
c. Does the municipality support requests for map updates?	If yes, specify how.	Yes	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Township Office

2. FLOODPLAIN MANAGEMENT *Requirement*	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	No	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	Township Office
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	Township Office
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	Township Code Enforcement Official
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	Yes	Refer To FEMA

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Capability Assessment Survey

Name: Steven Buncich

Title: Supervisor Chairman

Jurisdiction: Conemaugh Township Somerset County

Email: smbuncich@contwpsupers.us

Phone Number: 814-288-1400

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**1/1/2022**			
Emergency Operations Plan	**x**	**1/1/2022**			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	**x**			**FEMA**	
NFIP – Community Rating System	**x**			**FEMA**	
Floodplain Regulations	**x**	**8/22/12**		**Walker Consulting Conemaugh Township**	
Floodplain Management Plan	**x**	**8/22-12**		**Walker Consulting Conemaugh Township**	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Zoning Regulations	x	1970		Conemaugh Township	
Subdivision Regulations	x	12/13/90		Conemaugh Township	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	x	6/10/10		Somerset County Conemaugh Township	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation	x	8/15/95		Conemaugh Township Agriculture Security	
Building Code	x	6/16/04		Walker Consulting Conemaugh Township	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	x		Planning Commission Conemaugh Township	
Planners or engineers (with natural and/or human caused hazards knowledge)	x		EADS Group	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		EADS Group	
Emergency Manager	x		Brian Shoff Conemaugh Township	
Floodplain Manager	x		Walker Consulting	
Land Surveyors	x		EADS Group	
Scientists or staff familiar with the hazards of the community	x		Conemaugh Township	
Personnel skilled in GIS and/or FEMA's HAZUS program	x		EADS Group	
Grant writers or fiscal staff to handle large or complex grants		x		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	x		Conemaugh Township	
Community Development Block Grants (CDBG)	x		County Redevelopment Authority	
Special Purpose Taxes	x		Conemaugh Township	
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		Conemaugh Twp. Municipal Auth Conemaugh Twp. Sewer Dept.	
Stormwater Utility Fees		x		
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds		x		
Partnering Arrangements or Intergovernmental Agreements	x		Neighboring Municipalities	
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		x		
StormReady certification		x		
Natural disaster or safety related school programs		x		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	x		Conemaugh Township	MS4
Public-private partnership initiatives addressing disaster-related issues		x		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	x		Various	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			x
Administrative and Technical Capability			x
Financial Capability		x	
Education and Outreach			x

Hazard Identification and Risk Evaluation Worksheet

Name: Steven Buncich Title: Supervisor

Jurisdiction: Conemaugh Township Somerset County Email: smbuncich@contwpsupers.us

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	I	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	D	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	D	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	D	Lack of Volunteers
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	D	

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
- ☐x Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐x Civil Disturbance
- ☐x Cyber Terrorism
- ☐x Environmental Hazards – Coal Mining
- ☐x Environmental Hazards – Conventional Oil/Gas Wells
- ☐x Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- X Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Steven Buncich **Title:** Supervisor

Jurisdiction: Conemaugh Township **Email:** smbuncich@contwpsupers.us

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	
c. Does the municipality support requests for map updates?	If yes, specify how.	Yes	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Township Office

2. FLOODPLAIN MANAGEMENT *Requirement*	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	No	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	Township Office
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	Township Office
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	Township Code Enforcement Official
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	Yes	Refer To FEMA

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Jonathan Hoover **Title:** Director of Plant Operations

Jurisdiction: Conemaugh Meyersdale Medical Center **Email:** JBHOOVER@CONEMAUGH.ORG

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	Waterway obstruction
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Lantern Fly
Landslide	NC	
Pandemic and Infectious Disease	I	COVID-19
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Loss of EMS & Fire Personnel
Environmental Hazards (Hazmat)	I	Deteriorating Infrastructure
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☑ Environmental Hazards – Conventional Oil/Gas Wells
- ☑ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Building + Structure collapse due to decreased maintenance of older buildings which are becoming dilappibted.

Capability Assessment Survey

Name: Neal Woodmancy **Title:** Borough Manager

Jurisdiction: Confluence Borough **Email:** Confluenceborough1@verizon.net

Phone Number: 814-279-8406

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**x**	**11/3/2020**			
Emergency Operations Plan	**x**				
Disaster Recovery Plan			**n/a**		
Evacuation Plan	**x**				
Continuity of Operations Plan			**n/a**		
NFIP					
NFIP – Community Rating System					
Floodplain Regulations	**x**				
Floodplain Management Plan	**x**				
Zoning Regulations	**x**				

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations			**n/a**		
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)			**n/a**		
Open Space Management Plan (or Parks/Rec or Greenways Plan)			**n/a**		
Stormwater Management Plan / Ordinance			**n/a**		
Natural Resource Protection Plan			**n/a**		
Capital Improvement Plan			**n/a**		
Economic Development Plan			**n/a**		
Historic Preservation Plan			**n/a**		
Farmland Preservation			**n/a**		
Building Code	**x**			**Pa municipal code alliance**	
Fire Code			**n/a**		
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		x		
Planners or engineers (with natural and/or human caused hazards knowledge)		x		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		x		
Emergency Manager	x		CBMA	
Floodplain Manager	x		CBMA	
Land Surveyors		x		
Scientists or staff familiar with the hazards of the community		x		
Personnel skilled in GIS and/or FEMA's HAZUS program		x		
Grant writers or fiscal staff to handle large or complex grants	x		Aspire	
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		x		
Community Development Block Grants (CDBG)	x			
Special Purpose Taxes		x		
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		CBMA	
Stormwater Utility Fees		x		
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds		x		
Partnering Arrangements or Intergovernmental Agreements		x		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		x		
StormReady certification		x		
Natural disaster or safety related school programs		x		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		x		
Public-private partnership initiatives addressing disaster-related issues		x		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		x		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	x		
Administrative and Technical Capability	x		
Financial Capability	x		
Education and Outreach	x		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Neal Woodmancy | Title: Borough Manager

Jurisdiction: Confluence Borough | Email: confluenceborough1@verizon.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	n/a
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	n/a
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	n/a
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	n/a
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	n/a
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	n/a
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	x					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	x					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	x					
1.4.2	Elevate structures to above the base flood elevation.	x					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	x					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	x					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	x					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	x					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	x					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	x					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	x					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	x					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	x					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	x					
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	x					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	x					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	x					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	x					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	x					
3.2.3	Enhance building codes at the municipal level.	x					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	x					
3.3.1	Provide updated training to municipal building inspectors.	x					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	x					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	x					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	x					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	x					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	x					
4.3.1	Renew and expand commitments to hazard mitigation	x					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	x					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.				x		
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	x					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	x					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	x					
5.2.2	Evaluate means to enhance response capability for functional needs residents.				x		
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.				x		
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.				x		
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	x					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	x					
5.3.4	Conduct post-disaster community recovery planning.	x					
5.3.5	Maintain debris management plan.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.			x			
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	x					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	x					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	x					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.			x			
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	x					
6.3.1	Review, update, and exercise high hazard dam plans.	x					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	x					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Neal Woodmancy **Title:** Borough Manager

Jurisdiction: Confluence Borough **Email:** Confluenceborough1@verizon.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	no	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	no	
c. Does the municipality support requests for map updates?	If yes, specify how.	no	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	no	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	no	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	no	

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	no	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	no	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	no	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	no
Is the floodplain management an auxiliary function?	Community FPA	no
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	no
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	no
Are there any outstanding compliance issues (i.e., current violations)?		No
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	n/a

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	n/a
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	n/a
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	n/a
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	n/a
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	n/a
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	n/a
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	n/a
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	n/a
What categories and activities provide CRS points and how can the class be improved?		n/a
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	n/a

Hazard Identification and Risk Evaluation Worksheet

Name: Neal Woodmancy **Title:** Borough Manager

Jurisdiction: Confluence Borough **Email:** Confluenceborough1@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	nc	
Earthquake	nc	
Flood, Flash Flooding, and Ice Jam	Nc	
Hailstorms	Nc	
Hurricane, Tropical Storms, Nor'easter	Nc	
Invasive Species	Nc	
Landslide	Nc	
Pandemic and Infectious Disease	Nc	
Radon Exposure	Nc	
Subsidence, Sinkhole	Nc	
Tornadoes and Windstorms	Nc	
Wildfire	Nc	
Winter Storms	Nc	
Human-Caused Hazards		
Emergency Services	Nc	
Environmental Hazards (Hazmat)	Nc	
Levees and Dam Failure	Nc	
Opioid Epidemic	Nc	
Terrorism	Nc	
Transportation Accidents	Nc	
Utility Interruption	Nc	

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
- ☐ Extreme Temperature
- x☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

DEPARTMENT OF THE ARMY
PITTSBURGH DISTRICT, CORPS OF ENGINEERS
WILLIAM S. MOORHEAD FEDERAL BUILDING
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

REPLY TO
ATTENTION OF

December 2, 2024

Dam and Levee Safety Section

Confluence Borough
Attn: Neal Woodmancy
711 Logan Place, P.O. Box 6
Confluence, PA 15424

Dear Mr. Woodmancy:

On September 5th, 2024, the U.S. Army Corps of Engineers Pittsburgh District performed a routine inspection of the non-federally authorized Confluence Local Protection Project (Project) along the Casselman and Youghiogheny Rivers. The Borough of Confluence, who as the local sponsor is responsible for operation and maintenance of the Project, should review the inspection report and include all recommendations on their maintenance schedule.

The Casselman System and Youghiogheny System will become provisionally active in the Public Law 84-99 Rehabilitation Program. Both Systems will become inactive on December 31, 2025 if the unacceptable culverts have not been remediated. Once USACE has been provided evidence that the affected culverts have been acceptably remediated, USACE will review the Project's eligibility status. It is recommended that the Borough of Confluence consider grant programs to remediate the unacceptable culverts.

If you have any questions, require additional information, or would like technical assistance, please contact Stephen Hutzler at the address above, by telephone at (412) 395–7165, or by email at stephen.r.hutzler@usace.army.mil.

Sincerely,

STOLTZ.STEPHEN.R.1229102954 Digitally signed by STOLTZ.STEPHEN.R.1229102954 Date: 2025.01.15 10:24:01 -05'00'

Stephen Stoltz, PE
Chief, Engineering Division

Enclosure:

Confluence PA – RB Casselman & RB Youghiogheny Routine Inspection Reports

CF (wo/encl):

Capability Assessment Survey

Name: Tiffany Beal Title: Secretary

Jurisdiction: Elk Lick Township Email: tiffbeal09@gmail.com

Phone Number: 814-662-2905

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X	10-13-15		County EMA	
Emergency Operations Plan	X	3-17-03		County EMA	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	X	9-10-84		Board of Supervisors	
NFIP – Community Rating System	X				
Floodplain Regulations	X	8-20-12		Board of Supervisors	
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X	4-5-04		PA Municipal Code Alliance	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		George D. Short Jr.	
Floodplain Manager	X		Charles W. Short Jr.	
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants	X		Tiffany R Beal	
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees	X		Elk Lick Township Sewer	
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach		X	

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Tiffany Beal Title: Secretary

Jurisdiction: Elk Lick Township Email: elklick@elklicktownship.comcastbiz.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	Available upon request.
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	8-20-2012
c. Does the municipality support requests for map updates?	If yes, specify how.	Yes	Respond to requests for information
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	Yes	Respond to requests for information.
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	Respond to requests for information
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Township Building office

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	no	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	no	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	no	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	no	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	By sharing information with our building code officer (PMCA)
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	Yes	By responding to all requests for information and reporting violations to appropriate officials.

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	N/A
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		

Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	Paper
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	meets requirement enforcement through PMCA.
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	

Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	

Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Tiffany Beal Title: Secretary

Jurisdiction: Elk Lick Township Email: elklick@elklicktownship.comcastbiz.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	Increase	very little rainfall this summer
Earthquake	No change	
Flood, Flash Flooding, and Ice Jam	Decrease	Low water levels in creeks + streams
Hailstorms	No Change	
Hurricane, Tropical Storms, Nor'easter	No Change	
Invasive Species	No change	
Landslide	No change	
Pandemic and Infectious Disease	No Change	
Radon Exposure	No Change	
Subsidence, Sinkhole	No Change	
Tornadoes and Windstorms	No Change	
Wildfire	Increase	dry conditions
Winter Storms	No Change	
Human-Caused Hazards		
Emergency Services	No Change	
Environmental Hazards (Hazmat)	No Change	
Levees and Dam Failure	No Change	
Opioid Epidemic	No Change	
Terrorism	No Change	
Transportation Accidents	No Change	
Utility Interruption	No Change	

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
- ✓ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

N/A

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Tiffany Beal

Title: Secretary

Jurisdiction: Elk Lick Township

Email: elklick@elklicktownship.comcastbiz.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties			X			
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain			X			
1.1.3	Protect natural wetlands that may absorb floodwaters.			X			
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.			X			
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value		X				

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.			X			
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.			X			
1.4.2	Elevate structures to above the base flood elevation.			X			
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.				X		
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).			X			

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County			X			
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.			X			
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.			X			
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			X			
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.			X			
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.			X			
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.			X			
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.			X			
3.2.3	Enhance building codes at the municipal level.			X			
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.			X			
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.			X			

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).			X			
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.			X			
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.			X			
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).			X			
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					
5.3.4	Conduct post-disaster community recovery planning.			X			
5.3.5	Maintain debris management plan.			X			
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.			X			
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.			X			
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.			X			

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: Kevin Broadwater Title: Local EMC

Jurisdiction: Meyersdale Boro, Salisbury Boro Email: broadwaterk@co.somerset.pa.us

Summit Twp, Greenville Twp, Larimer twp **PART I**

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	D	
Flood, Flash Flooding, and Ice Jam	I	area of concern
Hailstorms	D	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	spotted lantern fly
Landslide	D	
Pandemic and Infectious Disease	I	covid influenza
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	I	more frequent
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Lack of Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Stacey Meyers **Title:** Secretary/Treasurer

Jurisdiction: Jefferson Township **Email:** jefftwp1@verizon.net

Phone Number: (814)443-4089

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**11/12/20**		**Jefferson Twp.**	**Adopted the Somerset County Plan**
Emergency Operations Plan	**X**	**2/10/22**		**Jefferson Twp.**	
Disaster Recovery Plan					
Evacuation Plan					**See EOP – II. Situations and Assumptions (H.) – The majority of the evacuees will utilize their own transportation**
Continuity of Operations Plan					**See EOP – III. – Concept of Operations/Continuity of Government**
NFIP		**8/19/85**		**Jefferson Twp.**	**Adopted in 1985**
NFIP – Community Rating System					
Floodplain Regulations	**X**	**9/13/12**		**Jefferson Twp.**	
Floodplain Management Plan					**Floodplain Manager – PMCA (building codes)**

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Zoning Regulations				**Somerset County**	
Subdivision Regulations				**Somerset County**	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	**X**	**9/20/06**		**Somerset County**	
Open Space Management Plan (or Parks/Rec or Greenways Plan)					**None**
Stormwater Management Plan / Ordinance					**None**
Natural Resource Protection Plan					**None**
Capital Improvement Plan					**Informal & Continuous**
Economic Development Plan					**None**
Historic Preservation Plan					**None**
Farmland Preservation	**X**	**10/31/95**		**Jefferson Twp.**	**Agriculture Security Area**
Building Code	**X**	**04/01/04**		**Jefferson Twp.**	**PA Municipal Code Alliance**
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		Not on Staff Contract with The EADS Group
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		Not on Staff - Contract with PA Municipal Code Alliance
Emergency Manager		X		Not on Staff – Alan Baumgardner
Floodplain Manager		X		Not on Staff - Contract with PA Municipal Code Alliance
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other		X		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)				
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification			Somerset County	
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach	X		

(1)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Moore School Rd. Pipe Upgrade
Moore Run to Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.067939 Longitude: 79.209114

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? Yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Moore School Road and Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace existing pipe with 71" x 47" x 30' arch pipe

This project has not yet been engineered.

Estimated costs:

pipe	$3,000
permit	20,000
engineering	15,000
constr.	25,000
Stone + misc.	20,000
Total	$83,000

TOTAL ESTIMATED COST: $83,000

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC funds and General Fund Reserve

Municipality Ranking Score _____

Projects (1) + (2) would need to be done together and would be considered our top priority.

(2)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade – Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.067840 Longitude: 79.209195

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road.

DESCRIPTION OF PROJECT:

Replace two 48" black corrugated pipes with aluminum plate arch culvert 11'x5'9"x31'6"

This project has not yet been engineered.

Estimated costs:

Culvert pipe	$12,000
Permits	20,000
Engineering	20,000
Construction	75,000
Stone + Misc.	25,000
Total	$152,000

TOTAL ESTIMATED COST: $152,000

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

Projects (1) + (2) would need to be done together and would be considered our top priority.

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade in Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.066140 Longitude: 79.208126

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace two 52" Concrete pipes with 112" x 75" x 30' arch pipe.

Estimated Costs - This project has not yet been engineered.

Pipe	5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc	10,000.00

TOTAL ESTIMATED COST: total $ 125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

(4)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.070171 Longitude: 79.213948

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace two 48" black corrugated pipes with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST: _____

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.074351 Longitude: 79.216968

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? Yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 16" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe

Estimated Costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$ 125,400.00

TOTAL ESTIMATED COST: _____

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

(6)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.076496 Longitude: 79.220656

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 36" and one 48" corrugated black pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST: Total $125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

(7)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - ShafferRun

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.080322 Longitude: 79.224275

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST: Total $125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve.

Municipality Ranking Score _____

(8)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: _____

Approx Latitude: 40.081981 Longitude: 79.227091

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 60" corrugated metal pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$ 125,400.00

TOTAL ESTIMATED COST: Total $ 125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

(9)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Emergency Shelter Generator - Bakersville Volunteer Fire Department

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: ① Jason Paugh - BVFD - Special Ops (814)483-0073
② Roy Fethermen - BVFD - President (814) 494-1762

LOCATION (address) OF PROJECT: 2341 Bakersville-Edie Rd, Somerset, PA 15501

Latitude: _____ Longitude: _____

TAX PARCEL NUMBER: Property ID 20-0-004340 Map S20-023-031-00

Is the property within the 100 yr flood plain? No

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

The Bakersville Volunteer Fire Dept. is currently waiting to have the facility reviewed by the American Red Cross in an effort to be designated as an emergency shelter. The facility does not have a back up generator.

DESCRIPTION OF PROJECT:

New or used generator adequate to run the facility as an emergency shelter.

TOTAL ESTIMATED COST: $80,000

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Municipality Ranking Score _____

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Hooversville Borough	N/A	Cell Phone Coverage - Tower	No cellular reception. Need to rely on WIFI. Most of the borough is a "dead zone". The municipal office and the fire department are in the dead zone. This creates communication problems for 1st responders, unless they are on two way, we need to go through county to reach them. Police equipment doesn't work properly in the field.	Need on the ground study (not a drone study) or a ride along study. Then need a tower to cover our area. It is a major concern/problem.	Utility Interruption	N/A
(9) Jefferson Township	N/A	Emergency Shelter Generator Bakersville Volunteer Fire Department	The Bakersville Volunteer Fire Department is currently waiting to have the facility reviewed by the American Red Cross in an effort to be designated as an emergency shelter. The facility does not have a backup generator.	BVFD Rec'd a donated generator New or used generator adequate to run the facility as an emergency shelter.	Utility Interruption	$80,000.00
(1) Jefferson Township	N/A	Moore School Rd Pipe Upgrade	Flooding and erosion of Moores School Road and Shaffer Run Road.	Replace existing pipe with 71" x 47" x 30' arch pipe.	Flooding	$83,000.00 *
(7) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road. Potentially being replaced by DCNR	Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
(4) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road. (Have beams - engineering is in progress)	Replace two 48" black corrugated pipes with 112" x 75" x 30' arch pipe. Bridge	Flooding	$125,400.00 Needs revised.
(5) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road. Completed - replaced with a galvanized bridge with wood deck	Replace one 16" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00
(3) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace two 52" concrete pipes with 112" x 75" x 30' arch pipe. Bridge	Flooding	$125,400.00 Needs revised.
(6) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road. No updated plan yet	Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.	Flooding	$125,400.00 May need revised.
(8) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road. Potentially being replaced	Replace one 60" corrugated metal pipe with 112" x 75" x 30' arch pipe by DCNR	Flooding	$125,400.00
(2) Jefferson Township	N/A	Shaffer Run Road Pipe Upgrade	Flooding and erosion of Shaffer Run Road.	Replace two 48" black corrugated pipes with aluminum plate arch culvert 11' x 5'9" x 31'6".	Flooding	$152,000.00 *
Lincoln Township	2	Lincoln Township Municipal Building Relocation	The Lincoln Township municipal shed is located at the intersection of Somerset Pike and E Bakersville Edie Rd, a centralized location with access to major adjacent roadways. These adjacent roadways (to the south and east) form a natural basin in which the municipal shed is situated. A natural swale crosses the township property from the north to south and is often fed by water runoff from nearby fields and the town of Sipesville, (are all higher in elevation) as it drains towards the south into the Quemahoning Creek. During recent storm events stormwater runoff has become trapped within the basin of the township property, as drainage systems underneath E Bakersville Edie Rd have become overwhelmed. The result has been flooding that has submerged the municipal shed and its contents (including dump trucks and heavy equipment) in 4-6' of water on multiple occasions. Larger drainage pipes have been installed from the swale under the parking lot and building to the culvert system for E Bakersville Edie Rd, but have only minimally reduced the amount of water accumulation during flooding events.	While the culvert under the state roadway appears to be the causative factor in drainage backlog, the local area has also observed an increase in flash flooding and stormwater runoff within the past few years. One option to reduce the repetitive damages to the municipal shed and equipment that is within the control of Lincoln Township would be to relocate the building to an area less prone to flooding. This project would require the acquisition of approximately 2 acres of land with good access to major roadways and the construction or purchase of a pole building at least 20'x80' in dimension (equivalent to current municipal shed).	Flooding	$350,000.00

*Jefferson Twp. has applied for a grant to complete this mitigation project. It currently is still pending.

CURRENTLY HAVE PENDING GRANT FOR THIS PROJECT. MORESCHOOL JUST ABOVE SHAFFER RUN INTERSECTION (1)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Moore School Rd. Pipe Upgrade. Moore Run to Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 04.97 N 79° 12 32.89 W

~~40° 0404.97~~ ~~79° 1232.89 W~~

Approx Latitude: ~~40.067939~~ Longitude: ~~79.209114~~

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Moore School Road and Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace existing pipe with 71" x 47" x 30' arch pipe

This project has not yet been engineered.

Estimated costs:

pipe	$3,000
permit	20,000
engineering	15,000
Constr.	25,000
Stone + misc.	20,000
Total	$83,000

TOTAL ESTIMATED COST:

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PLC funds and General Fund Reserve

Municipality Ranking Score

Projects (1) + (2) would need to be done together and would be considered our top priority.

CURRENTLY HAVE PENDING GRANT FOR THIS PROJECT

(2)

PUMP HOUSE

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade – Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 04.26 N 79° 12 33.44 W

Approx Latitude: ~~40.067840~~ 40° 0404.26 N Longitude: ~~79.209195~~ 79° 1233.44

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road.

DESCRIPTION OF PROJECT:

Replace two 48" black corrugated pipes with aluminum plate arch culvert 11' x 5'9" x 31'6"

This project has not yet been engineered.

Estimated costs:

Culvert pipe	$ 12,000
Permits	20,000
Engineering	20,000
Construction	75,000
Stone + Misc.	25,000
Total	$ 152,000

TOTAL ESTIMATED COST: $152,000

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score

Projects (1) + (2) would need to be done together and would be considered our top priority.

BRIDGE IN PLACE OF ARCH PIPE

(3)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade in Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 03 58.56 N 79° 12 30.23 W

Approx Latitude: ~~40.066140~~ 40° 0358.56 Longitude: ~~79.208126~~ 79° 1230.23

TAX PARCEL NUMBER: _____

Is the property within the 100 yr flood plain? Yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace two 52" Concrete pipes with 112" x 75" x 30' arch pipe.

Estimated Costs - This project has not yet been engineered.

Pipe	5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Mist	10,000.00

TOTAL ESTIMATED COST: total * 125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score _____

BRIDGE IN PLACE of ARCH PIPE.

1ST CROSSING ABOVE PUMP HOUSE

(4)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 13.98 N 79° 12 51.07 W

Approx Latitude: ~~40.070171~~ 40° 0413.98N Longitude: ~~79.213948~~ 79° 1251.07

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace two 48" black corrugated pipes with 112" x ~~75" x 30'~~ arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST:

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve.

Municipality Ranking Score

BRIDGE BEAMS @ TOWNSHIP SITED

ENGINEERING IN PROGRESS (OWEN BEECHY)

JOE DENARDO LOCATION

THIS LOCATION HAS BEEN REPLACED

(5)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 27.85 N 79° 13 02.49

Approx Latitude: ~~40.074351~~ 40° 04 27.85 N Longitude: ~~79.216968~~ 79° 13 02.49 W

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? Yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 16" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe

Estimated Costs - This project has not yet been engineered

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$ 125,400.00

TOTAL ESTIMATED COST:

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve.

Municipality Ranking Score

PIPES HAVE BEEN REPLACED WITH A GALVANIZED BRIDGE WITH WOODEN DECK

NEXT CROSSING ABOVE DENARDO'S

(6)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 0435.20 N 79° 1313.80 W

Approx Latitude: ~~40° 0435.20 N~~ ~~40.076496~~ Longitude: ~~79° 1313.80 W~~ ~~79.220656~~

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? Yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 36" and one 48" corrugated black pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST:

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score

NO CURRENT PLANS EXIST FOR THIS PROJECT.

1ST CROSSING (1) ON DIRT PAST GLENVIEW INTERSECTION

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - ShafferRun

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 49.38 N °79° 13 29.76 W

Approx Latitude: ~~40.080322~~ 40° 04 49.38 N Longitude: ~~79.224275~~

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 36" and one 48" black corrugated pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$125,400.00

TOTAL ESTIMATED COST:

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score

AT CURRENT TIME THIS PIPE IS GOING TO BE REPLACED BY DCNR (GALVANIZED BRIDGE, WOODEN DECK)

2ND CROSSING ON DIRT PAST GLENVIEW RD. INTERSECTION (8)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Shaffer Run Road Pipe Upgrade - Shaffer Run

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: Lee B. Fritz - Jefferson Township Supervisor

LOCATION (address) OF PROJECT: 40° 04 54.83 N 79° 13 37.14 W

Approx Latitude: ~~40.081981~~ Longitude: 79.227091

TAX PARCEL NUMBER:

Is the property within the 100 yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Flooding and erosion of Shaffer Run Road

DESCRIPTION OF PROJECT:

Replace one 60" Corrugated metal pipe with 112" x 75" x 30' arch pipe.

Estimated costs - This project has not yet been engineered.

Pipe	$ 5,250.00
Shipping	150.00
Permits	20,000.00
Engineering	15,000.00
Construction	75,000.00
Misc.	10,000.00
Total	$ 125,400.00

TOTAL ESTIMATED COST: Total $ 125,400.00

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Act 13 - PUC and General Fund Reserve

Municipality Ranking Score

AT CURRENT TIME PIPE IS GOING TO BE REPLACED BY DCNR

(GALVANIZED BRIDGE, WOODEN DECK)

(9)

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 5/15/2020 NAME OF PROJECT: Emergency Shelter Generator - Bakersville Volunteer Fire Department

MUNICIPALITY: Jefferson Township

PROJECT CONTACT NAME & TITLE: (1) Jason Paugh - BVFD - Special Ops (814)483-0073
(2) Roy Fethermen - BVFD - President (814) 494-1762

LOCATION (address) OF PROJECT: 2341 Bakersville-Edie Rd, Somerset, PA 15501

Latitude: _____ Longitude: _____

TAX PARCEL NUMBER: Property ID 20-0-004340 Map S20-023-031-00

Is the property within the 100 yr flood plain? No

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

DESCRIPTION OF PROJECT: The Bakersville Volunteer Fire Dept. is currently waiting to have the facility reviewed by the American Red Cross in an effort to be designated as an emergency shelter. The facility does not have a back up generator.

New or used generator adequate to run the facility as an emergency shelter.

TOTAL ESTIMATED COST: $80,000

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Municipality Ranking Score _____

USED GENERATOR WAS ACQUIRED BY BVFD

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Stacey Meyers | Title: Secretary/Treasurer

Jurisdiction: Jefferson Twp. | Email: jefftwp1@verizon.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties			X			
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain		X				
1.1.3	Protect natural wetlands that may absorb floodwaters.	X					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.			X			*Jefferson Twp. Ord. No. 2012-01*
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.		X				
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	N/A					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	terrorist activities and all hazards, including training and exercises.						
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			X			*Somerset County Ordinance*
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	X					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	X					
3.2.3	Enhance building codes at the municipal level.	X					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.			X			
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.	X					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Stacey Meyers **Title:** Secretary/Treasurer

Jurisdiction: Jefferson Township **Email:** Jefftwp1@verizon.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	Original digital file from Sept. 19, 2012 was replaced with Revised version dated Oct. 9, 2013
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	See attached Ordinance No. 2012-01. Section 4.01 pages 8 & 9. – Adopts Sept. 19, 2012 (FIS) and (Firms) and any subsequent revisions. – Dated 9/13/12
c. Does the municipality support requests for map updates?	If yes, specify how.		
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Jefferson Twp. Secretary

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	See attached Ordinance No. 2012-01
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	Yes	Designated flood plain administrator – PA Municipal Code Alliance – Ordinance No. 2012-01
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	"
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	"
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	Yes	"
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	See Ordinance No. 2012-01 Section 3.10 Enforcement pages 7-8
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.		See Ordinance No. 2012-012 pages 9 and 15-18

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Stacey Meyers **Title:** Secretary/Treasurer

Jurisdiction: Jefferson Twp. **Email:** Jefftwp1@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Caroline Felesky **Title:** Secretary-Treasurer

Jurisdiction: Jenner Twp **Email:** jennertwppa@comcast.net

Phone Number: 814-629-5754

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**10/13/15**			**We follow County Guidelines for all items as necessary**
Emergency Operations Plan	**X**	**07/14/23**			
Disaster Recovery Plan				**County**	
Evacuation Plan				**County**	
Continuity of Operations Plan				**County**	
NFIP				**County**	
NFIP – Community Rating System				**County**	
Floodplain Regulations	**X**	**09/11/12**			
Floodplain Management Plan				**County**	
Zoning Regulations				**County**	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)				**County**	
Open Space Management Plan (or Parks/Rec or Greenways Plan)				**County**	
Stormwater Management Plan / Ordinance	**X**	**05/11/10**			
Natural Resource Protection Plan				**County**	
Capital Improvement Plan				**County**	
Economic Development Plan				**County**	
Historic Preservation Plan				**County**	
Farmland Preservation				**County**	
Building Code	**X**	**01/29/14**			
Fire Code				**County**	
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		EMC	
Floodplain Manager	X			
Land Surveyors		X	Secretary	
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other		X		

3. **Financial Capability:**Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state orfederal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		Redevelopment Auth Somerset	
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X	County	
StormReady certification		X	County	
Natural disaster or safety related school programs		X	County	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X	County	
Public-private partnership initiatives addressing disaster-related issues		X	County	
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X	County	
Other				

5. **Self-Assessment of Capability:**Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach		X	

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Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective ReviewWorksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of thisexercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	X					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	X					
1.1.3	Protect natural wetlands that may absorb floodwaters.	X					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	X					
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking watersupplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X					
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	X					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	X					
3.2.3	Enhance building codes at the municipal level.	X					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	X					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					
6.3.1	Review, update, and exercise high hazard dam plans.	X					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., SomersetCounty or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Caroline Felesky **Title:** Secretary-Treasurer

Jurisdiction: Jenner Twp **Email:** jennertwppa@comcast.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extendsbeyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2)responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not yourjurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	No	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support requests for map updates?	If yes, specify how.	No	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	FEMA web site
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	No	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	No	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	No	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	No	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?	No	
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Caroline Felesky **Title:** Secretary-Treasurer

Jurisdiction: Jenner Twp **Email:** jennertwppa@comcast.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	I	COVID 19
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Deron Koontz **Title:** EMA Coordinator

Jurisdiction: Jennerstown Borough **Email:** deronkntz@aol.com

Phone Number: 814-442-2243

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**x**	**10/1/2020**		**County EMA**	
Emergency Operations Plan	**x**	**3/7/2019**		**Jennerstown Borough**	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan			**x**		
NFIP	**x**			**Jennerstown Borough**	
NFIP – Community Rating System					
Floodplain Regulations	**x**			**Jennerstown Borough**	
Floodplain Management Plan					
Zoning Regulations	**x**				

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	**x**	**3/3/2011**		**Jennerstown Borough**	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other	**x**	**4/27/2004**		**County EMA**	**Storm Ready**

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)	x		EADS Group	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		PA Municipal Code Alliance	
Emergency Manager	x		Jennerstown Borough	
Floodplain Manager				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		x		
Community Development Block Grants (CDBG)		x		
Special Purpose Taxes		x		
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		Jennerstown Water Authority	Jenner Area Joint Sewer Authority
Stormwater Utility Fees		x		
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds		x		
Partnering Arrangements or Intergovernmental Agreements		x		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		x		
StormReady certification	x		County EMA	
Natural disaster or safety related school programs		x		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	x		County EMA	
Public-private partnership initiatives addressing disaster-related issues		x		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		x		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	x		
Administrative and Technical Capability	x		
Financial Capability	x		
Education and Outreach	x		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Deron Koontz	Title: EMA Coordinator
Jurisdiction: Jennerstown Borough	Email: deronkntz@aol.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	X unknown					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	X unknown					
1.1.3	Protect natural wetlands that may absorb floodwaters.	X unknown					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X Unknown					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X Unknown					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X unknown					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X unknown					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X unknown					
1.4.2	Elevate structures to above the base flood elevation.	X unknown					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	X unknown					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X unknown					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X unknown					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	X unknown					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X unknown					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X unknown					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X unknown					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X unknown					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X unknown					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X unknown					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X unknown					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X unknown					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X unknown					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X unknown					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X unknown					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X unknown					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	X unknown					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	X unknown					
3.2.3	Enhance building codes at the municipal level.	X unknown					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X unknown					
3.3.1	Provide updated training to municipal building inspectors.	X unknown					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X unknown					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X unknown					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X unknown					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X unknown					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X unknown					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X unknown					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X unknown					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X unknown					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X unknown					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X unknown					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X unknown					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X unknown					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	X Unknown					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.	X Unknown					
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X unknown					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X Unknown					
5.3.4	Conduct post-disaster community recovery planning.	X Unknown					
5.3.5	Maintain debris management plan.	X unknown					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X Unknown					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X Unknown					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X Unknown					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X Unknown					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X unknown					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X unknown					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.	X unknown					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X unknown					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: _____ **Title:** _____

Jurisdiction: _____ **Email:** _____

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	No	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support requests for map updates?	If yes, specify how.	No	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	No	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	No	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	No	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	No	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	No	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Deron Koontz **Title:** EMA Coordinator

Jurisdiction: Jennerstown Borough **Email:** deronkntz@aol.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease		
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Ambulance calls up Number of people answering call are down
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Kevin Broadwater Title: Local EMC

Jurisdiction: Meyersdale Boro, Salisbury Boro Email: broadwaterk@co.somerset.pa.us

Summit Twp, Greenville Twp, Larimer twp **PART I**

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	D	
Flood, Flash Flooding, and Ice Jam	I	area of concern
Hailstorms	D	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	spotted lantern fly
Landslide	D	
Pandemic and Infectious Disease	I	covid influenza
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	I	more frequent
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Lack of Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Barry Thomas **Title:** Chairman

Jurisdiction: Laurel Highlands Municipal Authority **Email:** ncblhma@zoominternet.net

Phone Number: 814-926-3221

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**1/1/2022**		**County EMA**	
Emergency Operations Plan	**X**				
Disaster Recovery Plan					**none**
Evacuation Plan					**none**
Continuity of Operations Plan					**none**
NFIP					**none**
NFIP – Community Rating System					**none**
Floodplain Regulations					**none**
Floodplain Management Plan					**none**
Zoning Regulations					**none**

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					**none**
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					**none**
Open Space Management Plan (or Parks/Rec or Greenways Plan)					**none**
Stormwater Management Plan / Ordinance					**none**
Natural Resource Protection Plan					**none**
Capital Improvement Plan					**none**
Economic Development Plan					**none**
Historic Preservation Plan					**none**
Farmland Preservation					**none**
Building Code					**none**
Fire Code					**none**
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				**none**
Planners or engineers (with natural and/or human caused hazards knowledge)				**none**
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				**none**
Emergency Manager				**none**
Floodplain Manager				**none**
Land Surveyors				**none**
Scientists or staff familiar with the hazards of the community				**none**
Personnel skilled in GIS and/or FEMA's HAZUS program				**none**
Grant writers or fiscal staff to handle large or complex grants				**none**
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				**none**
Community Development Block Grants (CDBG)				**none**
Special Purpose Taxes				**none**
Gas / Electric Utility Fees				**none**
Water / Sewer Fees	**X**		Laurel Highlands Municipal Authority	
Stormwater Utility Fees				**none**
Development Impact Fees				**none**
General Obligation, Revenue, and/or Special Tax Bonds				**none**
Partnering Arrangements or Intergovernmental Agreements				**none**
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				**none**
StormReady certification				**none**
Natural disaster or safety related school programs				**none**
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				**none**
Public-private partnership initiatives addressing disaster-related issues				**none**
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				**none**
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	**X**		
Administrative and Technical Capability	**X**		
Financial Capability	**X**		
Education and Outreach	**X**		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Barry A. Thomas | Title: Chairman

Jurisdiction: Laurel Highlands Municipal Authority | Email: ncblhma@zoominternet.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	Nothing in place at this time.
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	Nothing in place at this time.
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	Inspection of new hook ups to the sewer system.
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	Nothing in place.
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	Nothing in place.
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	Fenced & gated facility.
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		**None at this time.**
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties			**X**			
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						*N/A*
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						*N/A*
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						*N/A*
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						*N/A*
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						*N/A*
1.4.2	Elevate structures to above the base flood elevation.						*N/A*
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						*N/A*
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						*N/A*
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.			**X**			
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						*N/A*
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						*N/A*
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						*N/A*
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.						*N/A*
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						*N/A*
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						*N/A*
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						*N/A*
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			**X**			
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.						*N/A*
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						*N/A*
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.			**X**			
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.						*N/A*
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						*N/A*
3.2.3	Enhance building codes at the municipal level.						*N/A*
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.						*N/A*
3.3.1	Provide updated training to municipal building inspectors.						*N/A*
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						*N/A*
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						*N/A*
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						*N/A*
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						*N/A*
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						*N/A*
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						*N/A*
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						*N/A*
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						*N/A*
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						*N/A*
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.						*N/A*
5.2.2	Evaluate means to enhance response capability for functional needs residents.						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						*N/A*
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.						*N/A*
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.						*N/A*
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						*N/A*
5.3.4	Conduct post-disaster community recovery planning.						*N/A*
5.3.5	Maintain debris management plan.						*N/A*
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						*N/A*
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						*N/A*
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						*N/A*
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						*N/A*
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						*N/A*
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.						*N/A*

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						*N/A*
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						*N/A*

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Barry A. Thomas **Title:** Chairman

Jurisdiction: Laurel Highlands Municipal Authority **Email:** ncblhma@zoominternet.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	**NO**	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	N/A
Is the floodplain management an auxiliary function?	Community FPA	N/A
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	N/A
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	N/A
Are there any outstanding compliance issues (i.e., current violations)?		N/A

When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	N/A
Is a CAV or CAC scheduled or needed?		N/A

Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	N/A
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	N/A
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	N/A

Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	N/A
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	N/A
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	N/A
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	N/A

Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	N/A
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	N/A
What categories and activities provide CRS points and how can the class be improved?		N/A
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	N/A

Hazard Identification and Risk Evaluation Worksheet

Name: Barry A Thomas **Title:** Chairman

Jurisdiction: Laurel Highlands Municipal Auth **Email:** nicblhma@zoominternet.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	N/C	
Earthquake	N/C	
Flood, Flash Flooding, and Ice Jam	N/C	
Hailstorms	N/C	
Hurricane, Tropical Storms, Nor'easter	N/C	
Invasive Species	I	Due to the Spotted Lotter fly migration
Landslide	N/C	
Pandemic and Infectious Disease	N/C	
Radon Exposure	N/C	
Subsidence, Sinkhole	N/C	
Tornadoes and Windstorms	N/C	
Wildfire	N/C	
Winter Storms	N/C	
Human-Caused Hazards		
Emergency Services	I	Due to Staffing Issues
Environmental Hazards (Hazmat)	N/C	
Levees and Dam Failure	N/C	
Opioid Epidemic	N/C	
Terrorism	N/C	
Transportation Accidents	N/C	
Utility Interruption	N/C	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: Lower Turkeyfoot Township **Email:** hwetzler@addisonvfd.org

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING

Requirement	*Recommended Action*	*Yes/No*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	
c. Does the municipality support requests for map updates?	If yes, specify how.	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	

2. FLOODPLAIN MANAGEMENT

Requirement	*Recommended Action*	*Yes/No*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	

3. FLOOD INSURANCE

Requirement	Recommended Action	Yes/No
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	

3. FLOOD INSURANCE		
Requirement	***Recommended Action***	***Yes/No***
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources	
Topic	**Source of Information**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)
Is the floodplain management an auxiliary function?	Community FPA
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA
Compliance History	
Topic	**Source of Information**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records
Are there any outstanding compliance issues (i.e., current violations)?	
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA
Is a CAV or CAC scheduled or needed?	
Regulation	
Topic	**Source of Information**
Are the FIRMs digital or paper?	Community FPA
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP
Insurance Summary	

Staff Resources	
Topic	**Source of Information**
Topic	**Source of Information**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist
Community Rating System	
Topic	**Source of Information**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual
What categories and activities provide CRS points and how can the class be improved?	
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative

Capability Assessment Survey

Name: Harvey Wetzler **Title:** LEMC

Jurisdiction: Lower Turkeyfoot Township **Email:** hwetzler@addisonvfd.org

Phone Number: 410-215-2970

Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan			**As of March 2024**		
Emergency Operations Plan			**Draft Completed March 2024**		
Disaster Recovery Plan			**X**		

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment	
Evacuation Plan			X	
Continuity of Operations Plan			X	
NFIP			X	
NFIP – Community Rating System			X	
Floodplain Regulations			X	
Floodplain Management Plan			X	
Zoning Regulations			See county	
Subdivision Regulations			See county	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)			See county	
Open Space Management Plan (or Parks/Rec or Greenways Plan)			See county	
Stormwater Management Plan / Ordinance			See county	
Natural Resource Protection Plan			See county	
Capital Improvement Plan			See county	

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment	
Economic Development Plan			**See county**	
Historic Preservation Plan				
Farmland Preservation			**See county**	
Building Code			**See county**	
Fire Code			**See county**	
Other				

Administrative and Technical Capability: Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X			
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

- **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

- **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	X		County COAD/Local VFD	
Other				

- **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate

degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Harvey Wetzler | Title: LEMC

Jurisdiction: Lower Turkeyfoot Township | Email: hwetzler@addisonvfd.org

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	

Goals and Objectives		
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	

Goals and Objectives		
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						*NA*
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						*NA*
1.1.3	Protect natural wetlands that may absorb floodwaters.						*NA*
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs						NA

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						NA

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						*NA*
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						*NA*
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						*NA*
1.4.2	Elevate structures to above the base flood						*NA*

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.		X	X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.						*NA*
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).		X				
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County		X				
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).		X				
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.		X				
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.		X				
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.		X				*Local FUSION Rep*
3.1.1	Ensure that land use, zoning, and related	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	regulations require an ade-quate setback of structures from the edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.			X			*Local FUSION Rep*
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.		X				
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.		X				
3.2.3	Enhance building codes at the municipal level.		X				
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard	X					

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.		X				
5.2.2	Evaluate means to enhance response capability for		X				

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	functional needs residents.						
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.		X				
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical		X				

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
	infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					
6.3.1	Review, update, and exercise high hazard dam plans.			X			
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: Kevin Broadwater Title: Local EMC

Jurisdiction: Meyersdale Boro, Salisbury Boro Email: broadwaterk@co.somerset.pa.us

Summit Twp, Greenville Twp, Larimer twp **PART I**

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	D	
Flood, Flash Flooding, and Ice Jam	I	area of concern
Hailstorms	D	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	spotted lantern fly
Landslide	D	
Pandemic and Infectious Disease	I	covid influenza
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	I	more frequent
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Lack of Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Susan Levy
Title: LEMC
Jurisdiction: Middlecreek Township
Email: somersetcait@gmail.com
Phone Number: 724-953-4775

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X	11/10/20			
Emergency Operations Plan	X	8/5/22			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	X				
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)				
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				
Emergency Manager	X		Middlecreek Township	
Floodplain Manager	X		Middlecreek Township	
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other	X			RE Tax, Fines, Franchise Fees, RE Transfer, etc.

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	X		Middlecreek Township	Literature available in township office
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	X		Casselman River Watershed Assoc	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Susan Levy Title: LEMC

Jurisdiction: Middlecreek Township Email: somersetcart@gmail.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	Structures in flood plain have been identified. Disaster Mitigation literature available in township office
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	Emergency preparedness information available.
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties			X			
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain			X			
1.1.3	Protect natural wetlands that may absorb floodwaters.	X					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.		X				
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.		NA				
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).				X		

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County		X				
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.				X		
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.						
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.						
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.						
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.						
3.2.3	Enhance building codes at the municipal level.						
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.		X				
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.				X		
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.						
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.						
5.3.4	Conduct post-disaster community recovery planning.						
5.3.5	Maintain debris management plan.						
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.						
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.						

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Susan Levy **Title:** LEMC

Jurisdiction: Middlecreek Township **Email:** somersetcart@gmail.com

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Y	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		Not found, will address
c. Does the municipality support requests for map updates?	If yes, specify how.	NA	Haven't been asked, but we would
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NA	Hasn't occurred, but we would share.
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NA	We would if asked.
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		

2. FLOODPLAIN MANAGEMENT *Requirement*	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	N	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NA	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NA	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	Y	Rondo literature in the township office
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	N	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	Y	If asked

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	NO
Is the floodplain management an auxiliary function?	Community FPA	Y
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		NO
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	None

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	Paper
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	60
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	NO
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	—
What categories and activities provide CRS points and how can the class be improved?		—
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	—

Hazard Identification and Risk Evaluation Worksheet

Name: Susan Levy **Title:** LEMC

Jurisdiction: Middlecreek Township **Email:** somersetcart@gmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	~~N~~ I	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Craig Waltermire **Title:** Supervisor

Jurisdiction: Milford Township **Email:** milfordmunicipal@zcominternet.net

Phone Number: 814-926-4059

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X			County EMA	
Emergency Operations Plan	X			County EMA	
Disaster Recovery Plan	X			County EMA	
Evacuation Plan	X			County EMA	
Continuity of Operations Plan	X			County EMA	
NFIP					Unknown
NFIP – Community Rating System					Unknown
Floodplain Regulations					Unknown
Floodplain Management Plan					Unknown
Zoning Regulations	X			Somerset County	Somerset Planning

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations	X			County	Somerset Planning
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	Y			County	Somerset Planning
Open Space Management Plan (or Parks/Rec or Greenways Plan)				County	Somerset Planning
Stormwater Management Plan / Ordinance	X			County municipality	Coxes Creek ordinance
Natural Resource Protection Plan				State	Dep
Capital Improvement Plan				County	
Economic Development Plan				County	
Historic Preservation Plan				County / state	
Farmland Preservation	X			County / state municipality	
Building Code	X			State	Pa municipal Code Alliance (PMCA)
Fire Code	✓			State	PMCA
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X		County 3rd Party	Somerset Planning
Planners or engineers (with natural and/or human caused hazards knowledge)	X		County 3rd Party	Somerset Planning
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		County 3rd Party	PMCA
Emergency Manager	X		County	EMA Office
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees	X		milford Municipal Authority	
Stormwater Utility Fees	X			
Development Impact Fees	X			
General Obligation, Revenue, and/or Special Tax Bonds	X			
Partnering Arrangements or Intergovernmental Agreements	X			
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification			New Centerville Fire Dept Rockwood Fire Dept	Provide Fire Protection
StormReady certification		X		
Natural disaster or safety related school programs		X	Rockwood School District	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability		X	
Financial Capability	X		
Education and Outreach	X		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Craig Waltermire Title: Supervisor

Jurisdiction: Milford Township Email: milfordmunicipal@zoominternet.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	Their has been very little flooding in The Township
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

	Goals and Objectives	Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	Zoning is done by the County Building code by 3rd Party
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	we need more Ambulances in The County very limited, Their are not enough for a large Mass casualty event.
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal	In crease ambliance Coverage	
Objective	Better ambliance Responce	Their are not Enough Ambliance's in the County.
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	X					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	X					
1.1.3	Protect natural wetlands that may absorb floodwaters.	X					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	X					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	County Level					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.			X			
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	Building Codes					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	Building Codes					
3.2.3	Enhance building codes at the municipal level.						PMCA
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.						PMCA
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					PMCA
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.			X			County EMA
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						County
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	X					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			County plan
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					County state
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					County system
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					Building Code

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
6.3.1	Review, update, and exercise high hazard dam plans.	✓					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	✓					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Craig Waltermire Title: Supervisor

Jurisdiction: Milford Township Email: milfordmunicipal@zoominternet.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	Requirement Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	we have Flood Plain maps at township office
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support requests for map updates?	If yes, specify how.	No	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

2. FLOODPLAIN MANAGEMENT

a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	No	Permits for buildings issued By 3rd Party
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	No	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	Permits done by 3rd Party

3. FLOOD INSURANCE			
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	Don't have the resorces to do this

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	Dont Know
Is the floodplain management an auxiliary function?	Community FPA	Dont Know
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	None
Compliance History		
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	Dont Know
Are there any outstanding compliance issues (i.e., current violations)?		No
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	Don't Know

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	Source of Information	Comments
Are the FIRMs digital or paper?	Community FPA	Paper
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	No
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	3rd Party
Insurance Summary		
Topic	Source of Information	Comments
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	Don't Know
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	Don't Know
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	Very few
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	Source of Information	Comments
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	Un Knowen
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	Unknowen
What categories and activities provide CRS points and how can the class be improved?		No
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	No

Their is minimal Flooding in Milford Township That I am aware of That damages property's

Hazard Identification and Risk Evaluation Worksheet

Name: Craig B Watermire **Title:** Supervisor

Jurisdiction: Milford Township **Email:** milfordmunicipal@zoominternet.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	more Heavy Rain Events
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	I	more Storms
Invasive Species	I	spotted lantern fly
Landslide	NC	
Pandemic and Infectious Disease	I	Covid 19
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	I	more Events
Wildfire	NC	
Winter Storms	D	less Snow
Human-Caused Hazards		
Emergency Services	D	less Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☒ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☒ Environmental Hazards – Unconventional Oil/Gas Wells
- ☒ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Barry Thomas

Title: President of Council

Jurisdiction: Borough of New Centerville

Email: ncblhma@zoominternet.net

Phone Number: 814-926-3221

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**1/1/2022**		**County EMA**	
Emergency Operations Plan	**X**				
Disaster Recovery Plan					**none**
Evacuation Plan					**none**
Continuity of Operations Plan					**none**
NFIP	**X**				
NFIP – Community Rating System					**none**
Floodplain Regulations					**none**
Floodplain Management Plan					**none**
Zoning Regulations					**none**

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					**none**
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					**none**
Open Space Management Plan (or Parks/Rec or Greenways Plan)					**none**
Stormwater Management Plan / Ordinance					**none**
Natural Resource Protection Plan					**none**
Capital Improvement Plan					**none**
Economic Development Plan					**none**
Historic Preservation Plan					**none**
Farmland Preservation					**none**
Building Code	**X**			**PA Municipal**	
Fire Code					**none**
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				**none**
Planners or engineers (with natural and/or human caused hazards knowledge)				**none**
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				**none**
Emergency Manager	**X**		Borough of New Centerville	
Floodplain Manager				**none**
Land Surveyors				**none**
Scientists or staff familiar with the hazards of the community				**none**
Personnel skilled in GIS and/or FEMA's HAZUS program				**none**
Grant writers or fiscal staff to handle large or complex grants				**none**
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	**X**		
Administrative and Technical Capability	**X**		
Financial Capability	**X**		
Education and Outreach	**X**		

Mitigation Action Worksheet

Municipality(ies):	Action
Borough of New Centerville	Upgrade culvert under Reese Street.
Action Number:	
1	
Location (address, lat/long)	In the area of 39 56 12 N and 79 11 48 W
Mitigation Technique Category	Infrastructure
Hazard(s) Addressed	Flooding
Priority (High, Medium, Low)	Medium
Estimated Cost	Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.
Potential Funding Streams	None at this time
Timeline	5-10 years
Lead Agency/Department	Brough Council
Support Agency(ies)/ Department(s)	none
Project Point of Contact	
Name	Barry Thomas
Title	President of Council
Agency/Department	New Centerville Borough
Phone	814-233-1648
E-mail	ncblhma@zoominternet.net

Mitigation Technique Category

- Local Plans and Regulations (LPR) – These actions include government authorities, policies, or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) – These actions involve (1) modifying existing structures and infrastructure to protect them from a hazard, or (2) removing them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also includes projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

Costs:

If an estimated cost is known, please provide or use the following ranges:

Low = < $10,000 *Medium* = $10,000 to $100,000 *High* = > $100,000

If costs have not been estimated, please use the following categories:

Low	Possible to fund under existing budget. Project is part of, or can be part of, an existing on-going program.
Medium	Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
High	Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Timeline: Short = 1 to 5 years Long-Term = 5 years or greater

OG = On-going program DOF = Depending on funding

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Barry A. Thomas **Title:** Council President

Jurisdiction: The Borough of New Centerville **Email:** ncblhma@zoominternet.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	**YES**	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	YES	2017
c. Does the municipality support requests for map updates?	If yes, specify how.	YES	PROVIDE UPDATED INFO WHEN REQUESTED
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	NO NOT AT THIS TIME
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	YES	THROUGH UPDATE TO THE FLOOD PLAN PROGRAM
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	YES	BOROUGH OFFICE & BUILDING CODE ENFORCEMENT AGENCY

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	N/A	NO PROPERTIES IN A FLOOD PLANE
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	N/A	NO PROPERTIES IN A FLOOD PLANE
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	N/A	NO PROPERTIES IN A FLOOD PLANE

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	N/A	NO PROPERTIES IN A FLOOD PLANE
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	N/A	NO PROPERTIES IN A FLOOD PLANE
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	N/A	NO PROPERTIES IN A FLOOD PLANE

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	N/A
Is the floodplain management an auxiliary function?	Community FPA	N/A
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	N/A
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	N/A
Are there any outstanding compliance issues (i.e., current violations)?		N/A
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	N/A

Is a CAV or CAC scheduled or needed?		N/A
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	N/A
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	N/A
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	N/A
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	N/A
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	N/A
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	N/A
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	N/A
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	N/A
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	N/A
What categories and activities provide CRS points and how can the class be improved?		N/A
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	N/A

Hazard Identification and Risk Evaluation Worksheet

Name: Barry Thomas **Title:** Borough Council President

Jurisdiction: Borough of New Centerville **Email:** ncblhma@zoominternet.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	N/C	
Earthquake	N/C	
Flood, Flash Flooding, and Ice Jam	N/C	
Hailstorms	N/C	
Hurricane, Tropical Storms, Nor'easter	N/C	
Invasive Species	I	Due to the Spotted Lattern Fly migration
Landslide	N/C	
Pandemic and Infectious Disease	N/C	
Radon Exposure	N/C	
Subsidence, Sinkhole	N/C	
Tornadoes and Windstorms	N/C	
Wildfire	N/C	
Winter Storms	N/C	
Human-Caused Hazards		
Emergency Services	I	Due to Staffing Issues
Environmental Hazards (Hazmat)	N/C	
Levees and Dam Failure	N/C	
Opioid Epidemic	N/C	
Terrorism	N/C	
Transportation Accidents	N/C	
Utility Interruption	N/C	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: MARK KEEFER Title: SUPERVISOR

Jurisdiction: NORTHAMPTON Email: sharfkeefer@gmail.com

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	NO	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	NO	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	NO	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	NO	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	NO	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	NO
Is the floodplain management an auxiliary function?	Community FPA	NO
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	NO
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	NO
Are there any outstanding compliance issues (i.e., current violations)?		NO
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	?.

Is a CAV or CAC scheduled or needed?	N	
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	7
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Capability Assessment Survey

Name: MARK KEEFER

Title: SUPERVISOR

Jurisdiction: NORTHAMPTON

Email: Shurtkeefer@gmail.com

Phone Number: 814-233-4149

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X			County	
Emergency Operations Plan	X			TWP	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations	X			TWP / COUNTY	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation	X				
Building Code	X			TWP/COUNTY	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X			
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Hazard Identification and Risk Evaluation Worksheet

Name: Mark Keefer Title: SUPERVISOR

Jurisdiction: NORTHAMPTON Email: SburfKeefer@gmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	Global Warming
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	I.	Trees Down
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: MARK KEEFER Title: SUPERVISOR

Jurisdiction: NORTHAMPTON Email: Shurfkeefer@gmail.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	~~NAME~~ / Glencoe
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	NONE
Objective 2.4	Evaluate water sources that could be impacted by contamination.	Wells
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	NONE

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	Provide Adequate Funding
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	COOP County
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	COOP
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	COOP
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	Identify pop.
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	None
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	None

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

	Existing Mitigation Action	Status: No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	X					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	X					
1.1.3	Protect natural wetlands that may absorb floodwaters.						
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			✓ LOOP COUNTY			
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	✓					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	✓					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	✓					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	✓					
3.2.3	Enhance building codes at the municipal level.	✓					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	✓					
3.3.1	Provide updated training to municipal building inspectors.						
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	✓					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	✓					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	✓					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	✓					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	✓					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.			✓			
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	✓					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	✓					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	✓					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	✓					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	X					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.			X			
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
6.3.1	Review, update, and exercise high hazard dam plans.	X					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: Gerald Parry Title: EMC

Jurisdiction: Berlin, Brothersvalley, Northampton Email: gparry3@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Spotted Lantern Fly
Landslide	NC	
Pandemic and Infectious Disease	I	Covid
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	I	Straight line winds
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Limited Ambulance Service
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: _____ **Title:** _____

Jurisdiction: NORTHAMPTON **Email:** _____

Phone Number: _____

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan					
Emergency Operations Plan	X	11-09-23			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation	X				
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X			
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants	X			
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability			
Education and Outreach			

NORTHAMPTON

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	ND					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	ND					
1.1.3	Protect natural wetlands that may absorb floodwaters.	ND					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	ND					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	ND					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	NO					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	NO					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	NO					
1.4.2	Elevate structures to above the base flood elevation.			County			
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			Yes			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	NO					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	NO					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	ND					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	ND					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	ND					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.			County			
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	ND					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	ND					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	ND					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	ND					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	NO					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	NO					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	NO					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	NO					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.			County/Twp			
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.			"			
3.2.3	Enhance building codes at the municipal level.			Yes			
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	NO					
3.3.1	Provide updated training to municipal building inspectors.	NO					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	NO					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	NO					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	ND					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	ND					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	ND					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	ND					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.			County			
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	ND					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	ND					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	ND					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	ND					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	ND					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	NO					
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			Yes			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	NO					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	NO					
5.3.4	Conduct post-disaster community recovery planning.	NO					
5.3.5	Maintain debris management plan.	NO					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	NO					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	NO					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	NO					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	NO					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	NO					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	NO					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
6.3.1	Review, update, and exercise high hazard dam plans.	NO					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	NO					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: _____ **Title:** _____

Jurisdiction: NORTHAMPTON **Email:** _____

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	?	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	NO	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	NO	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	NO	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	NO	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: _____ **Title:** _____

Jurisdiction: NORTHAMPTON **Email:** _____

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought		
Earthquake		
Flood, Flash Flooding, and Ice Jam		
Hailstorms		
Hurricane, Tropical Storms, Nor'easter		
Invasive Species		
Landslide		
Pandemic and Infectious Disease		
Radon Exposure		
Subsidence, Sinkhole		
Tornadoes and Windstorms		
Wildfire		
Winter Storms		
Human-Caused Hazards		
Emergency Services		
Environmental Hazards (Hazmat)		
Levees and Dam Failure		
Opioid Epidemic		
Terrorism		
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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: John Kaiser
Title: President
Jurisdiction: Paint Borough
Email: popkaiser@comcast.net
Phone Number: 814-467-6904

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X	2010			
Emergency Operations Plan	X	2011		Paint Borough	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations	X			Paint Borough	
Floodplain Management Plan	X	2012		Paint Borough	
Zoning Regulations	X				

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X				
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Paint Borough	
Emergency Manager	X		Paint Borough	
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees				
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
StormReady certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Hazard Identification and Risk Evaluation Worksheet

Name: John A. Kaiser Title: President

Jurisdiction: Paint Borough Email: popkaiser@comcast.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change; I = Increase; D = Decrease (Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- Extreme Temperature
- Lightning Strike

Human-Caused

- Building and Structure Collapse
- Civil Disturbance
- Cyber Terrorism
- Environmental Hazards – Coal Mining
- Environmental Hazards – Conventional Oil/Gas Wells
- Environmental Hazards – Gas and Liquid Pipelines
- Environmental Hazards – Unconventional Oil/Gas Wells
- Mass Food and Animal Feed Contamination
- Nuclear Incident
- Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: John A. Kaiser **Title:** President

Jurisdiction: Paint Borough **Email:** popKaiser@comcast.net

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support requests for map updates?	If yes, specify how.	Yes	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.		As needed
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	Yes	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	EADS Group/Paint Borough
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	Code Enforcement Agency
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	Yes	Code Enforcement Agency
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	Code Enforcement Agency
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	**Recommended Action**	**Yes/No**	**Comments**
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	Yes
Is the floodplain management an auxiliary function?	Community FPA	Yes
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	Code Enforcement Agency handles permit review, inspections, etc.
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	Yes
Are there any outstanding compliance issues (i.e., current violations)?		No
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	Unknown

Is a CAV or CAC scheduled or needed?		NO
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	Paper
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	Yes UnKnown
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	Code Enforcement Officer handles the process
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	UnKnown
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	UnKnown
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	UnKnown
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	NO
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	—
What categories and activities provide CRS points and how can the class be improved?		—
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	—

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Paint Borough - John A. Kaiser Title: President

Jurisdiction: Paint Borough Email: PopKaiser@comcast.net

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

	Goals and Objectives	Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	None
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	None
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective	Identify key roadways that are adequate to support vehicles transporting hazardous	

	Goals and Objectives	Comments
2.5	materials.	None
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	None
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	None
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	None
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	None
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	

	Goals and Objectives	Comments
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	None

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	✓					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	✓					
1.1.3	Protect natural wetlands that may absorb floodwaters.	✓					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	✓					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	✓					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	✓					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	✓					
1.4.2	Elevate structures to above the base flood elevation.	✓					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.	✓					
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	✓					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	✓					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	✓					
2.1.1	Identify at risk populations with the highest relative	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
	vulnerability to all hazards impacting Somerset County	✓					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	✓					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	✓					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	✓					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	✓					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	✓					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	✓					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	✓					
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
	edge of wild lands.						
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	✓					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	✓					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	✓					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	✓					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	✓					
3.2.3	Enhance building codes at the municipal level.	✓					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	✓					
3.3.1	Provide updated training to municipal building inspectors.	✓					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	✓					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	✓					
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	✓					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	✓					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	✓					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	✓					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	✓					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	✓					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	✓					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	✓					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	✓					
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.	✓					
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	✓					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	✓					
5.3.4	Conduct post-disaster community recovery planning.	✓					
5.3.5	Maintain debris management plan.	✓					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	✓					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	✓					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	✓					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	✓					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	✓					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	✓					
6.3.1	Review, update, and exercise high hazard dam plans.	✓					

	Existing Mitigation Action	Status					Review Comments
		No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	✓					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*

*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years

Capability Assessment Survey

Name: QUEMAHONONG TOWNSHIP **Title:**

Jurisdiction: **Email:** QUEMTWP@COMCAST.NET

Phone Number: 814-893-5025

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**x**	**12-14-20**		**County EMA**	
Emergency Operations Plan	**x**	**2/14/22**		**County EMA**	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP					
NFIP – Community Rating System					
Floodplain Regulations	**X**	**8/13/12**		**PMCA**	
Floodplain Management Plan	**X**	**8/13/12**		**PMCA**	
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance	**X**	**5/10/10**		**Quemahoning Township**	
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	**X**	**8/13/12**		**PMCA**	
Fire Code	**X**	**8/13/12**		**PMCA**	
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X		PMCA	
Planners or engineers (with natural and/or human caused hazards knowledge)		x		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		PMCA The EADS Group	
Emergency Manager	x		Brandon Delano	
Floodplain Manager	x		PMCA	
Land Surveyors		x		
Scientists or staff familiar with the hazards of the community		x		
Personnel skilled in GIS and/or FEMA's HAZUS program		x		
Grant writers or fiscal staff to handle large or complex grants		x		
Other		x		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other		X		

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
Storm Ready certification		X		
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other		X		

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Hazard Identification and Risk Evaluation Worksheet

Name: QUEMAHONING TOWNSHIP **Title:** _____

Jurisdiction: _____ **Email:** QUEMTWP@COMCAST.NET

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: QUEMAHONING TOWNSHIP **Title:**

Jurisdiction: **Email:** QUEMTWP@COMCAST.NET

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	YES	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	YES	FLOODPLAIN ORDINANCE
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	YES	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	YES	PA MUINICIPAL CODE ALLIANCE
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	YES	PA MUINICIPAL CODE ALLIANCE
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	YES	PA MUINICIPAL CODE ALLIANCE
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	YES	PA MUINICIPAL CODE ALLIANCE
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	YES	PA MUINICIPAL CODE ALLIANCE IS CONTACTED AND SENT OUT TO INVESTIGATE VIOLATIONS
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?	NO	
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: QUEMAHONING TOWNSHIP Title:

Jurisdiction: Email: QUEMTWP@COMCAST.NET

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	X					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	X					
1.1.3	Protect natural wetlands that may absorb floodwaters.	X					
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.			X			
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).			X			

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County	X					
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).	X					
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	X					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	X					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	X					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	X					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	X					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			X			
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	X					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	X					
3.2.3	Enhance building codes at the municipal level.			X			
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.	X					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	X					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.	X					
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	X					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	X					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	X					
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.	X					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Capability Assessment Survey

Name: Brandy Green
Title: Secretary / Treasurer
Jurisdiction: Salisbury Borough
Email: salboro1662@hotmail.com
Phone Number: 814-1662-2605

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X	10/13/15		Somerset EMA	
Emergency Operations Plan	X	09/09/19		Salisbury Borough	
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan	X	08/2014		Salisbury Borough	
NFIP					
NFIP – Community Rating System					
Floodplain Regulations	X	6/11/12		Salisbury Borough	
Floodplain Management Plan	X	6/11/12		Salisbury Borough	
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
Subdivision Regulations	X			Somerset County Planning Commission	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X			Somerset County Planning Commission	
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X	1/2014		Somerset County Co-op	
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		Salisbury Borough Borough Council	
Floodplain Manager	X			
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community	X		Borough Council	
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other		X		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees				
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other		X		

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Brandy Green Title: Secretary/Treasurer

Jurisdiction: Salisbury Borough Email: Salboro062@hotmail.com

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	yes	
c. Does the municipality support requests for map updates?	If yes, specify how.	no	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	no	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	no	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	no	

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.		
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	yes	
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	yes	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	yes	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	yes	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	no	
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	no	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	Source of Information	Comments
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	
Is the floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
Compliance History		
Topic	Source of Information	Comments
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	

Is a CAV or CAC scheduled or needed?		
Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	
Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	

Hazard Identification and Risk Evaluation Worksheet

Name: Brandy Green Title: Secretary/Treasurer

Jurisdiction: Salisbury Borough Email: Salboro1662@hotmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services		
Environmental Hazards (Hazmat)	I	Traffic on 219
Levees and Dam Failure		
Opioid Epidemic		
Terrorism		
Transportation Accidents	I	Traffic on 219
Utility Interruption	I	Traffic on 219

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☒ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Brandy Green | Title: Secretary/Treasurer

Jurisdiction: Salisbury Borough | Email: salboro662@hotmail.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	Will notify borough residents of any potential disaster.
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	Will make sure there are supplies on hand.
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	Will provide information to residents on actions to take during emergencies
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties	x					
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain	x					
1.1.3	Protect natural wetlands that may absorb floodwaters.					x	
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	x					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	x					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	x					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	x					
1.4.2	Elevate structures to above the base flood elevation.	x					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			x			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	x					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.			x			
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County		x				
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).			x			
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.	x					
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.	x					
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.	x					
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.	x					
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.	x					
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.		x				

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	x					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	x					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	x					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.		x				
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.			x			
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.			x			
3.2.3	Enhance building codes at the municipal level.			x			
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	x					
3.3.1	Provide updated training to municipal building inspectors.	x					
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	x					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	x					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	x					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	x					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	x					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.	x					
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.		x				
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.			x			
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).	x					
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	x					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			x			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			x			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.	x					
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.	x					
5.3.4	Conduct post-disaster community recovery planning.	x					
5.3.5	Maintain debris management plan.	x					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	x					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	x					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	x					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	x					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	x					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.	x					
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	x					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Capability Assessment Survey

Name:	**Michele A. Enos**	**Title:**	**Borough Manager**
Jurisdiction:	**Borough of Somerset**	**Email:**	**michele@somersetborough.com**
Phone Number:	**814-443-2661 ex.101**		

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**x**			**County EMA**	
Emergency Operations Plan	**x**	**10/23/23**		**Borough of Somerset**	
Disaster Recovery Plan	**x**	**10/23/23**		**Borough of Somerset**	
Evacuation Plan	**x**	**10/23/23**		**Borough of Somerset**	
Continuity of Operations Plan	**x**	**10/23/23**		**Borough of Somerset**	
NFIP	**x**	**3/3/92**		**FEMA**	
NFIP – Community Rating System	**x**	**3/3/92**		**FEMA**	
Floodplain Regulations	**x**	**1977**		**Borough of Somerset**	
Floodplain Management Plan	**x**	**1977**		**Borough of Somerset**	
Zoning Regulations	**x**	**1971**		**Borough of Somerset**	

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations	x	1978		Borough of Somerset	
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	x	1968		Borough of Somerset	
Open Space Management Plan (or Parks/Rec or Greenways Plan)	x	2006		Borough of Somerset	Landscaping Ordinance
Stormwater Management Plan / Ordinance	x	2021		Borough of Somerset	
Natural Resource Protection Plan					
Capital Improvement Plan	x	2024		Borough Administration	Via annual budget
Economic Development Plan	x	2024		Borough Administration	Via annual budget
Historic Preservation Plan	x	2006		Borough of Somerset	Historic Sign District Ordinance
Farmland Preservation					
Building Code	x	2006		Borough of Somerset	Uniform Construction Code
Fire Code	x	2006		Borough of Somerset	Uniform Construction Code
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	x		Borough Code Enforcement Dept.	
Planners or engineers (with natural and/or human caused hazards knowledge)	x		Borough Code Enforcement Dept. and consulting engineers	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		Borough Code Enforcement Dept. and consulting engineers permit officers on retainer	
Emergency Manager	x		Somerset Borough EMA	
Floodplain Manager	x		Borough Code Enforcement Dept.	
Land Surveyors	x		Borough Public Works Department.	Not registered
Scientists or staff familiar with the hazards of the community	x		Borough Public Works and Code Enforcement Depts..	
Personnel skilled in GIS and/or FEMA's HAZUS program	x		Borough Public Works and Code Enforcement Depts..	
Grant writers or fiscal staff to handle large or complex grants	x		Borough Administration and consultants	
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	x		Borough Council / Administration	
Community Development Block Grants (CDBG)	x		Borough Council / Administration	
Special Purpose Taxes	x		Borough Council / Administration	
Gas / Electric Utility Fees		x		
Water / Sewer Fees	x		Borough Council / Administration	
Stormwater Utility Fees	x		Borough Council / Administration	
Development Impact Fees		x		
General Obligation, Revenue, and/or Special Tax Bonds	x		Borough Council / Administration	
Partnering Arrangements or Intergovernmental Agreements	x		Borough Council / Administration	
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.
5.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification	x		Somerset Regional Volunteer Fire Department	Uncertain if they have this certification
StormReady certification	x		Somerset County EMA	Believed to have this certification
Natural disaster or safety related school programs	x		Somerset County EMA Website	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	x		Somerset County EMA Website	
Public-private partnership initiatives addressing disaster-related issues			uncertain	
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.			uncertain	
Other				

6. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			X (including consultants)
Administrative and Technical Capability			X (including consultants)
Financial Capability	x		
Education and Outreach		x	

SOMERSET COUNTY
HAZARD MITIGATION PROJECT OPPORTUNITY FORM

DATE: 2/24/25 **NAME OF PROJECT:** Coxes Creek Flood Protection Enhancement Project

MUNICIPALITY: Borough of Somerset

PROJECT CONTACT NAME & TITLE: Michele A. Enos, Borough Manager

LOCATION (address) OF PROJECT: East Branch of Coxes Creek (Somerset Boro / Twp)

Latitude: see map **Longitude:** see map

TAX PARCEL NUMBER: see map

Is the property within the 100-yr flood plain? yes

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

This project is designed to stabilize infrastructure to reduce the potential of erosion and ensure full flow capacity of the floodway. Removing obstructions to minimize potential flood damage.

DESCRIPTION OF PROJECT:

Install approximately 1,085 LF of stream bank stabilization. Remove obstructions within the waterway, i.e. sediment bars; woody and grassy vegetation; install rip-rap to provide stabilization.

This project addresses the Annual D.E.P. PA. Department of Environmental Protection) Inspection Report and Comments for the Borough of Somerset's Flood Protection Project Number C56:08. The Borough of Somerset owns and maintains this project.

TOTAL ESTIMATED COST: $354,758.75 (estimate is from 2020 – adjustment may be necessary)

SOURCE OF FUNDING FOR NON-FEDERAL SHARE:

Community Development Block Grant Funding and / or Borough of Somerset General Funds

Municipality Ranking Score #1 (only one project submitted)

For a more detailed explanation of the Project, please refer to the following attachments:

1. Project Description
2. Project Cost Estimate
3. Project Map

EXHIBIT 1 – PROJECT DESCRIPTION

BOROUGH OF SOMERSET
COXES CREEK FLOOD PROTECTION ENHANCEMENT PROJECT

The Borough of Somerset owns and maintains the "Somerset Flood Protection Project", DEP Project No. C56:08 located along the East Branch of Coxes Creek in Somerset Borough and Somerset Township, Somerset County, PA. The original project was constructed under the direction of the Department of Environmental Resources in 1983. The project is inspected annually by representatives of the Borough of Somerset and either the Department of Environmental Protection (DEP) or the Army Corp of Engineers (ACOE). DEP or ACOE produce reports for each inspection completed and identify proposed improvements, required maintenance, and general condition of the project area. The most recent DEP inspection report is provided with this application for reference.

The Borough of Somerset is submitting this PA Small Water and Sewer application for the purpose of completing all listed improvements in DEP's most recent inspection report. The improvements project put forth by the borough under this application are referred to as the "Coxes Creek Flood Protection Enhancement Project". The scope of work for the Coxes Creek Flood Protection Enhancement Project is provided below. Exhibit 6 shows the project area and specific work locations.

a) Detailed Project Description

1. Streambank Stabilization
    i. Install approximately 1,085 linear feet of streambank stabilization infrastructure to reduce the potential of erosion and ensure full flow capacity of the flood way. Refer to DEP Inspection Comment No. 4 and DEP Inspection Photo 9, 14425243.
2. Water Obstruction Removal
    i. Obstructions within the waterway reduce the flood carrying capacity of the channel and cause the flood elevation to rise. Removal of any and all obstructions is critical to minimizing potential flood damage. Comment Nos. 1 and 2 of DEP's Inspection report identify two areas of concern related to potential waterway obstruction. The obstruction removal proposed under this project are listed in this section.
        - Sediment Bar Removal - Remove the sediment bar immediately downstream of S.R. 601. Sediment bar is approximately 70 linear feet by 5 feet wide. Refer to DEP Inspection Photo Nos. 1 and 2.
        - Woody & Grassy Vegetation Removal - Clear all woody and grassy vegetation along the entire project length.
3. Outlet Protection
    i. Install outlet protection, rip-rap or approved equal, at two locations to provide stabilization and prevent further erosion. Refer to DEP Inspection Comment Nos 3 and 5.
4. Flood Inundation Map – Enclosed

b) Municipal Benefit

1. The project will directly benefit Somerset Township and Somerset Borough.

c) **Flood History**

1. The proposed project scope is limited to addressing DEP and ACOE comments related to an existing flood protection area. No new flood protection is proposed to address current flooding issues. Continued improvement and maintenance of the "Somerset Flood Protection Project" will lessen the probability of future flood damage.

d) **Hydrologic Study**

1. The project proposed to improve the type of streambank stabilization within the current flood protection area and remove obstructions. New or additional Hydrologic studies were not completed due to the nature of the project.

e) **Hydraulic Study, Cost Effectiveness, Annual Maintenance, and Constructability**

1. The project proposed to improve the type of streambank stabilization within the current flood protection area and remove obstructions. New or additional hydraulic studies were not completed due to the nature of the project.
2. The proposed improvements will replace existing vegetated streambank with riprap stabilization. The proposed improvement will reduce future maintenance costs.
3. The project areas are accessible and no constructability issues are anticipated.

f) **Preliminary Construction Drawings**

1. Preliminary Construction Drawings are provided with this application.

g) **FEMA Flood Plain Impact**

1. The project proposed to improve the type of streambank stabilization within the current flood protection area and remove obstructions. No changes to the current flood plain limits are proposed under this project.

PROJECT COST ESTIMATE

GENERAL INFORMATION

Owner: Borough of Somerset **Date:** 11/8/2019 **Rev.:** 0

Project: Coxes Creek Flood Protection Enhancement Project

Phase: Preliminary Design - Small Water & Sewer Application

Scope: The Borough of Somerset owns and maintains approximately 4,550 linear feet of flood protection facilities located along the East Branch of Coxes Creek in Somerset County, PA. The flood protection areas are comprised of two sections. The first section begins at S.R. 601 and ends at S.R. 31 (2,320 LF). The second section begins at an Unnamed Tributary near S. Center Ave. and ends at an Unnamed Tributary northeast of the bridge over Coxes Creek. The proposed project includes removal of vegetation, streambank stabilization, and outlet stabilization. The PA DEP and ACOE conduct regular inspections of the flood protection project and provide reports. The proposed improvements are consistent with PA DEP and ACOE Inspection report observations and recommendations.

CONSTRUCTION ITEMS

Div.	Item	Description	Qty	Unit	Unit Price	Sub Total	Div. Total
1	GENERAL REQUIREMENTS						$4,750.00
	1	Schedule	1	LS	$250.00	$250.00	
	2	Mobilization & Demobilization	1	LS	$4,000.00	$4,000.00	
	3	Temporary Facilities	1	LS	$500.00	$500.00	
31	EARTHWORK						$286,925.00
	1	Site Clearing (Grassy Vegetation)	4,550	LS	$3.50	$15,925.00	
	2	Site Clearing (Woody Vegetation)	4,550	LF	$7.00	$31,850.00	
	3	Pump Water Filter Bag	2	EA	$250.00	$500.00	
	4	Rock Construction Entrance	1	EA	$1,250.00	$1,250.00	
	5	Filter Sock	1,000	LF	$3.00	$3,000.00	
	6	Gravel Bar Removal	150	CY	$100.00	$15,000.00	
	7	Outlet Protection 1 (EatNPark)	1	LS	$1,200.00	$1,200.00	
	8	Outlet Protection 2 (N.Pleasant)	1	LS	$1,200.00	$1,200.00	
	9	Streambank Stabilization	1,085	LF	$200.00	$217,000.00	
	10	Stream Protection/Diversion	1	LS	$5,000.00	$5,000.00	
CONSTRUCTION CONTINGENCY					5%		$14,583.75
						CONSTRUCTION TOTAL	$306,258.75

ASSOCIATED SERVICES

Description	Phase Total	Sub Total	Item Total
LAND & RIGHTS-OF-WAY			$5,000.00
ENGINEERING			$25,000.00
RESIDENT PROJECT REPRESENTATIVE			$12,000.00
Construction Inspection (4 Weeks @ $3,000/WK)			
PERMITS			$2,500.00
General Permits, E&S Approval, Etc.			
ADMINISITRATION			$4,000.00
		ASSOCIATED SERVICES TOTAL	$48,500.00

TOTAL PROJECT COST ESTIMATE	$354,758.75

THE EADS GROUP

SMALL WATER AND SEWER APPLICATION SUMMARY

ELIGIBLE PROJECT COSTS	Total Cost	Grant	Match
Construction	$291,675.00	$247,923.75	$43,751.25
Construction Contingency	$14,583.75	$12,396.19	$2,187.56
Land Acquisition & Easements	$5,000.00	$4,250.00	$750.00
Engineering	$25,000.00	$21,250.00	$3,750.00
Construction Inspection	$12,000.00	$10,200.00	$1,800.00
Permit Fees	$2,500.00	$2,125.00	$375.00
Administrative Costs	$4,000.00	$3,400.00	$600.00
TOTAL	**$354,758.75**	**$301,544.94**	**$53,213.81**
%		85.00%	15.00%

COST LIMIT VERIFICATION (% of Grant Amount)	Limit (%)	Actual (%)	Check
Engineering	10%	8.29%	OK
Administration	2%	1.33%	OK
Construction Contingency	5%	5.00%	OK
Applicant Match	15%	15.00%	OK

ENGINEER CERTIFICATION

I certify that I have reviewed and approve of the above project cost

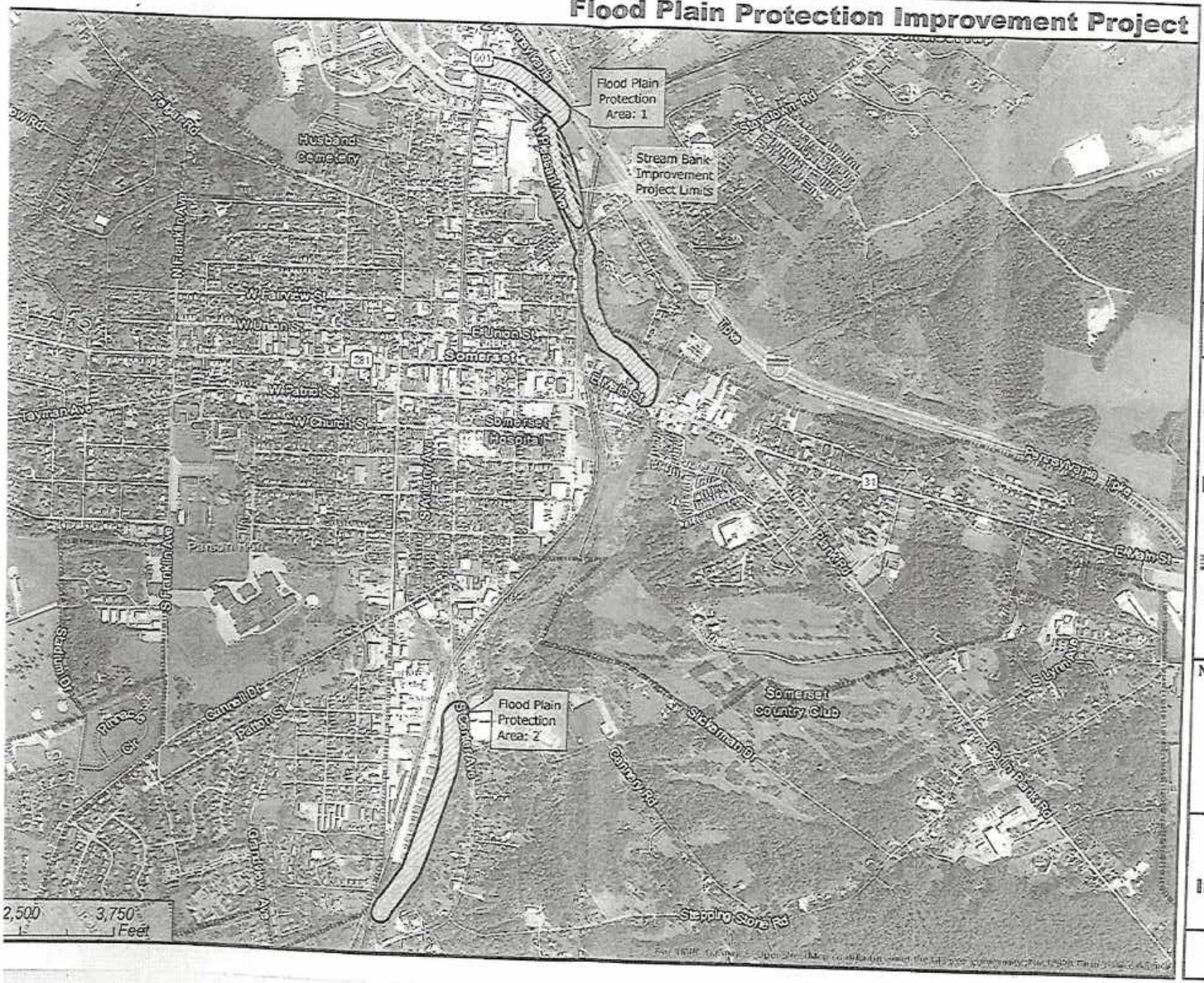
By: Jacob T. Bolby, P.E.

Date: 11/19/2019

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JACOB T. BOLBY
ENGINEER
No. PE084410
11/19/2019

THE EADS GROUP

Flood Plain Protection Improvement Project



THE EADS GROUP
Somerset Office
450 Aberdeen Drive
Somerset, PA 15501
Phone: 814-445-6501 Fax: 814-443-2748
www.eadsgroup.com

Date: 11/5/2019 Revised: 11/5/2019

Drawn By: T.A.M. Checked By: J.T.B.

Prepared For:

Municipal Authority of the Borough of Somerset
347 West Union St.
Somerset, PA 15501
Phone: (814) 443-2661

Scale:

1 inch = 1,250 feet

Legend:

- Flood Plain Protection Areas
- Stream Bank Improvement Project Limits
- Somerset Borough Boundary

Notes:

Flood Plain Protection Improvement Project

Sheet 1

Checklist to Identify Local Compliance with the National Flood Insurance Program (NFIP)

Name: Michele A. Enos **Title:** Borough Manager

Jurisdiction: Borough of Somerset **Email:** michele@somersetborough.com

Participation in the NFIP is based on a voluntary agreement between a community and FEMA. Compliance with the NFIP, however, extends beyond mere participation in the program. The three basic components of the NFIP include 1) floodplain identification and mapping risk, 2) responsible floodplain management and 3) flood insurance. The requirements of the program are listed below. Please state whether or not your jurisdiction takes the following actions and provide appropriate comments.

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	yes	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	yes	1992
c. Does the municipality support requests for map updates?	If yes, specify how.	yes	By submitting data for consideration
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	yes	By submitting the data to F.E.M.A. for evaluation
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	yes	Providing access to the F.I.R.M.
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	yes	Building Inspections Department

2. FLOODPLAIN MANAGEMENT			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?	If yes, specify the office responsible.	yes	Building Inspections
(2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	yes	Building Inspections
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	yes	Building Inspections
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	yes	Building Inspections
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	yes	Issuing a "Notice of Violation" with required "Corrective Action Plan"
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	yes	Borough of Somerset Ordinances • #1063 • #1052 • #1053 Including prohibition of flammable or explosive materials

3. FLOOD INSURANCE			
Requirement	***Recommended Action***	***Yes/No***	***Comments***
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	yes	By referring them to proper insurance agents
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	yes	By passing along those changes to applicable property owners
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	yes	By referring them to proper insurance agents

Please fill in the table below that will help provide specific information on the NFIP program in your community. This includes resources, compliance history, regulation, insurance summary, and the Community Rating System.

Staff Resources		
Topic	**Source of Information**	**Comments**
Is the Community FPA or NFIP Coordinator certified?	Community Floodplain Administrator (FPA)	No certification at the municipal level
Is the floodplain management an auxiliary function?	Community FPA	Included in duties of the Code enforcement officer
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	Municipal Code Enforcement Officer receives, reviews and processes (as well as approves or denies) permit applications. Municipal Consulting Engineers are consulted when necessary and appropriate.
Compliance History		
Topic	**Source of Information**	**Comments**
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	yes
Are there any outstanding compliance issues (i.e., current violations)?	no	
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?	Community FPA	uncertain

Is a CAV or CAC scheduled or needed?	no	

Regulation		
Topic	**Source of Information**	**Comments**
Are the FIRMs digital or paper?	Community FPA	Both
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	We believe ours meet both standards
Provide an explanation of the permitting process.	Community FPA, State, FEMA, NFIP	Municipal Code Enforcement Officer receives, reviews and processes (as well as approves or denies) permit applications. Municipal Consulting Engineers are consulted when necessary and appropriate

Insurance Summary		
Topic	**Source of Information**	**Comments**
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	Uncertain (private insurance carriers would have this information)
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	Uncertain (private insurance carriers would have this information)
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	unsure
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	uncertain

Community Rating System		
Topic	**Source of Information**	**Comments**
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	no
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual	n/a
What categories and activities provide CRS points and how can the class be improved?		n/a
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, ISO representative	n/a

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Michele A. Enos

Title: Borough Manager

Jurisdiction: Borough of Somerset

Email: michele@somersetborough.com

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

Goals and Objectives		Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties						
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain						
1.1.3	Protect natural wetlands that may absorb floodwaters.			x			
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.						
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information “capture” at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.						
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county’s high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.						
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.						
1.4.2	Elevate structures to above the base flood elevation.						
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.						
1.4.4	Raise roadways that routinely flood to above the base flood elevation.			x			Install / raise curbing
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.			x			
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.		x				When noticed
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.			x			
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.			x			
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.						
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.			x			
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.			x			
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.			x			
3.2.3	Enhance building codes at the municipal level.			x			
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	x					
3.3.1	Provide updated training to municipal building inspectors.			x			
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.						
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.						

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.						
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).						
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.						
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.						
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.						
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.						
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.						
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).						
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.			x			
5.2.2	Evaluate means to enhance response capability for functional needs residents.			x			

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.						
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			x			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.			x			
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.		x	x			
5.3.4	Conduct post-disaster community recovery planning.						
5.3.5	Maintain debris management plan.						
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.		x	x			
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.						
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.						
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.						
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.						
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	x					

Existing Mitigation Action		Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
6.3.1	Review, update, and exercise high hazard dam plans.						
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.						

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: Randy Cox **Title:** Chief of Police

Jurisdiction: Somerset Borough **Email:** rcox@somersetborough.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	NC	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	I	Due to gas line replacement

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: Pamela Tokarcik Title: Co. Commissioner

Jurisdiction: County Email: pam@co.somerset.pa.us

Phone Number: (814) 442-4701

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	✓			EMA / Planning	EMA/Planning has date
Emergency Operations Plan	✓			EMA	EMA
Disaster Recovery Plan	✓			EMA	EMA
Evacuation Plan	✓			Various City/Agencies	Needs updated
Continuity of Operations Plan	✓			Cities/Comm	Cities up to date, county needs update
NFIP	N/A				
NFIP – Community Rating System	N/A				
Floodplain Regulations					
Floodplain Management Plan					
Zoning Regulations	✓			Planning Com.	Limited zoning ordinances - Interchange Odendahl

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations	✓	2022		Planning	Just update Ordinance
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	✓	2018		Planning/SALSA	Updated regional plan 2018
Open Space Management Plan (or Parks/Rec or Greenways Plan)	✓			Southern Alleghenies	Regional Plan
Stormwater Management Plan / Ordinance	✓			Planning	Limited Watershed Area - Coxes Creek Bridgeville
Natural Resource Protection Plan					
Capital Improvement Plan			✓	Commissioners	Part of budget process
Economic Development Plan			✓	JARI	
Historic Preservation Plan	✓			Planning	Project that surveyed historic properties
Farmland Preservation	✓	?		Conservation Dist	Planning enforced
Building Code					
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	✓		Planning	
Planners or engineers (with natural and/or human caused hazards knowledge)	✓		Planning/EMA	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		✓	County Comm - EMA	Use external engineer
Emergency Manager	✓			
Floodplain Manager		✓		
Land Surveyors		✓		
Scientists or staff familiar with the hazards of the community		✓		
Personnel skilled in GIS and/or FEMA's HAZUS program	✓		SCo. GIS Dept	
Grant writers or fiscal staff to handle large or complex grants	✓		Have access to both in-house/external resources	Grant writer - Programmatic Fiscal Dept - Admin assistant
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	✓		So Co. Comm	Through budget process
Community Development Block Grants (CDBG)	✓		So Co Redevelop Authority	
Special Purpose Taxes		✓		
Gas / Electric Utility Fees		✓		
Water / Sewer Fees	✓		Somerset County Water Authority	For County Water Distribution System
Stormwater Utility Fees		✓		
Development Impact Fees		✓		
General Obligation, Revenue, and/or Special Tax Bonds	✓		Somerset County	
Partnering Arrangements or Intergovernmental Agreements				
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification	✓		GMA	
Natural disaster or safety related school programs		✓		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	✓		GMA	
Public-private partnership initiatives addressing disaster-related issues		✓		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	✓		COAD - SoCo	Newly developed for emerg preparedness
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "**X**" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			X
Administrative and Technical Capability		X	
Financial Capability			X
Education and Outreach		X	

maynard already in many grants

Hazard Identification and Risk Evaluation Worksheet

Name: Pam Tokar-Ickes **Title:** Commissioner

Jurisdiction: Somerset County **Email:** pamaco.somerset.pa.us

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	As result of Que Pipeline - not as reliant on rainfall
Earthquake	NC	N/A
Flood, Flash Flooding, and Ice Jam	I	Heavier rainfall - Climate - communities no longer reliant on wells
Hailstorms	I	Climate change
Hurricane, Tropical Storms, Nor'easter	I	"
Invasive Species	NC	N/A
Landslide	I	Because of heavier rainfall
Pandemic and Infectious Disease	NC	Has always been threat
Radon Exposure	NC	Has always been a threat
Subsidence, Sinkhole	I	Increase of heavy rain
Tornadoes and Windstorms	I	Climate change
Wildfire	I	Temperature, lack of rain
Winter Storms	D	Climate change - have been milder
Human-Caused Hazards		
Emergency Services	NC	Lack of volunteers
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	Not aware of threat imminent
Opioid Epidemic	NC	Opioid OD stabilized - awareness
Terrorism	NC / I	Domestic terrorism threat
Transportation Accidents	I	More large trucks - trains
Utility Interruption	I	Infrastructure is aging - grid

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
- ☑ Extreme Temperature – we have been seeing higher temps each year
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☑ Civil Disturbance
- ☑ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Lenny Lichvar **Title:** District Manager

Jurisdiction: Somerset Conservation District **Email:** Len-scd@pia.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	Climate change
Hailstorms	I	Climate change
Hurricane, Tropical Storms, Nor'easter	I	Climate change
Invasive Species	I	Human caused
Landslide	NC	
Pandemic and Infectious Disease	I	Obvious answer
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	D	Climate change
Human-Caused Hazards		
Emergency Services	NC	
Environmental Hazards (Hazmat)	I	More traffic Ground & Rail
Levees and Dam Failure	NC	
Opioid Epidemic	I	Obvious answer
Terrorism	NC	
Transportation Accidents	I	More traffic Ground & Rail
Utility Interruption	NC	

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
- ☑ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☑ Environmental Hazards – Conventional Oil/Gas Wells
- ☑ Environmental Hazards – Gas and Liquid Pipelines
- ☑ Environmental Hazards – Unconventional Oil/Gas Wells
- ☑ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Need pro active solutions rather than reactive solutions

Hazard Identification and Risk Evaluation Worksheet

Name: Joel D. Landis **Title:** EMA Director

Jurisdiction: Somerset County **Email:** Landisj@co.somerset.pa.us

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	I	Changing WX Patterns
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	Localized Storms
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Lattern Fly + Ash Borc
Landslide	I	Changing WX Patterns
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services Issues	I	Lack of volunteers
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	I	Aging Infrastructure
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	I	

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
- ☑ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☑ Civil Disturbance
- ☑ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☑ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Risk Ranking for Somerset County

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Opioid Addiction Response	4	4	4	1	4	3.7
	Flood, Flash Flood, Ice Jam	4	3	3	4	3	3.4
	Invasive Species	4	3	4	1	4	3.4
	Tornadoes and Windstorms	2	4	3	4	4	3.2
	Environmental Hazards (Hazmat Release)	3	3	3	4	3	3.1
	Dam Failure	2	4	3	2	4	3
	Levee Failure	2	4	3	2	4	3
	Utility Interruption	4	2	2	4	3	2.9
	Environmental Hazards (Oil and Natural Gas Pipelines)	3	2	3	4	3	2.8
	Pandemic and Infectious Disease	3	2	4	1	4	2.8
	Winter Storm	3	2	4	2	3	2.8
	Drought	2	2	4	1	4	2.5
	Transportation Accidents	4	1	2	4	2	2.5
	Wildfire	3	2	2	4	2	2.5
MODERATE	Environmental Hazards (Coal Mining)	3	2	1	4	3	2.4
	Subsidence and Sinkholes	2	2	2	4	4	2.4

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
	Hailstorm	2	2	2	4	1	2.1
LOW	Terrorism	2	2	1	4	1	1.9
	Landslide	2	1	1	4	3	1.8
	Earthquake	1	1	1	4	1	1.3

Hazard Identification and Risk Evaluation Worksheet

Name: Jim Leer **Title:** Emergency Responder / LEPC

Jurisdiction: _____ **Email:** jaleer@comcast.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	NC	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	Lattern fly
Landslide	NC	
Pandemic and Infectious Disease	NC	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	EMS/FD Service-Volunteer decline
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	I	Aging Systems
Opioid Epidemic	I	Area Economy/Society changes
Terrorism	NC	
Transportation Accidents	I	Increased Traffic-?
Utility Interruption	I	

→ Traffic By pass Turnpike Due to fees

→ Construction activities strikens Lines.

→ Distracted Drivers

→ Aging Community

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☒ Building and Structure Collapse
- ☒ Civil Disturbance
- ☒ Cyber Terrorism
- ☒ Environmental Hazards – Coal Mining
- ☒ Environmental Hazards – Conventional Oil/Gas Wells
- ☒ Environmental Hazards – Gas and Liquid Pipelines
- ☒ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Alternative Energy Incidents – Energy Storage Systems use sulfuric acid batteries and potential for future systems with lithium-ion batteries.

Impact
- Traffic Accidents – Electric Vehicle Incident
- Waste Disposal of Lithium-ion and other battery technology.
- Fires in businesses, homes, and transportation Facilities

Capability Assessment Survey

Name: BRAD ZEARFOSS **Title:** PLANNING DIRECTOR

Jurisdiction: SOMERSET COUNTY **Email:** BZEARFOSS@CO.SOMERSET.PA.US

Phone Number: 814-445-1544

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	X	2020		EMA / PLANNING	
Emergency Operations Plan	X			EMA	
Disaster Recovery Plan	? X			EMA	
Evacuation Plan	?				
Continuity of Operations Plan	?				
NFIP	X			MUNICIPALITIES	
NFIP – Community Rating System	X			MUNICIPALITIES	
Floodplain Regulations	X			MUNICIPALITIES	
Floodplain Management Plan	X			MUNICIPALITIES	
Zoning Regulations	X			COUNTY / MUNICIPALITIES	PARTIALLY - ONLY SOME MUNICIPALITIES

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations	X			COUNTY / MUNICIPALITIES	COUNTY SALDO & A FEW MUNICIPAL
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X	2018		COUNTY/MUNICIPAL	
Open Space Management Plan (or Parks/Rec or Greenways Plan)	X	?		COUNTY	
Stormwater Management Plan / Ordinance	X	?		COUNTY/MUNIC.	PARTIAL COUNTY COVERAGE
Natural Resource Protection Plan	No				
Capital Improvement Plan	NO				
Economic Development Plan	No				
Historic Preservation Plan	NO				
Farmland Preservation	X	?		SC CONSERVATION DIST.	VOLUNTARY PROGRAM
Building Code	X			MUNICIPALITIES	MANDATORY
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X		COUNTY PLANNING	
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X		COUNTY EMA	
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program	X		COUNTY GIS	
Grant writers or fiscal staff to handle large or complex grants	X		COUNTY PLANNING	
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		REDEVELOPMENT AUTH	
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		?		
StormReady certification		?		
Natural disaster or safety related school programs		?		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	X		COUNTY EMA	
Public-private partnership initiatives addressing disaster-related issues	X		COUNTY EMA	
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	X		VARIOUS	
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability	X		
Education and Outreach		X	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: BRAD ZGARFOSS | Title: PLANNING DIRECTOR

Jurisdiction: SOMERSET COUNTY | Email: BZGARFOSS@CO.SOMERSET.PA.US

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Has the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing hazard mitigation plan. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goals and Objectives		Comments
Goal 1	Reduce potential injury/death and damage to existing community assets due to floods, flash floods, and ice jams.	
Objective 1.1	Identify, evaluate, and implement strategies for repetitive loss and severe repetitive loss properties.	
Objective 1.2	Provide public outreach/education to decrease the impact of flooding, flash flooding, and ice jam flooding.	
Objective 1.3	Address identified data limitation regarding lack of detailed information about individual structures located in the special flood hazard area (SFHA).	
Objective 1.4	Complete actions and projects to decrease the impact of flooding and to acquire, elevate, demolish or demolish/reconstruct properties, repetitive loss properties and severe repetitive loss properties.	
Objective 1.5	Minimize the financial impact of personal mitigation measures on residents.	
Goal 2	Reduce potential injury/death and damage to existing community assets due all hazards.	
Objective 2.1	Identify communities that do not have warning systems and shelters.	
Objective 2.2	Implement measures to reduce the likelihood of all natural and human caused hazards.	
Objective 2.3	Develop a comprehensive approach to reducing potential injury/damages for critical facilities and vulnerable populace in hazard areas.	
Objective 2.4	Evaluate water sources that could be impacted by contamination.	
Objective 2.5	Identify key roadways that are adequate to support vehicles transporting hazardous materials.	

	Goals and Objectives	Comments
Objective 2.6	Enhance response capability of county and municipal services.	
Goal 3	Promote disaster-resistant future development.	
Objective 3.1	Review and maintain comprehensive plan and encourage municipalities to implement zoning/land use ordinances that avoid high-hazard areas.	
Objective 3.2	Encourage municipalities to enforce building codes that provide protection for new construction and substantial renovations from the effects of identified hazards.	
Objective 3.3	Provide adequate and consistent enforcement of ordinances and codes within and between jurisdictions.	
Goal 4	Promote hazard mitigation as a public value in recognition of its importance to the health, safety, and welfare of the population.	
Objective 4.1	Provide public education to increase awareness of hazards and opportunities for mitigation.	
Objective 4.2	Promote partnerships between municipalities and the county to continue to develop a county-wide approach to identifying and implementing mitigation actions.	
Objective 4.3	Continue the promotion of disaster resistance in the business community via the hazard mitigation planning initiative.	
Goal 5	Improve response and recovery capabilities.	
Objective 5.1	Increase awareness by residents (e.g., through public out-reach/education) of actions to take during an emergency.	
Objective 5.2	Enhance response capabilities of county and municipal fire, police, and emergency medical services personnel to special populations.	
Objective 5.3	Ensure adequate emergency planning is conducted.	
Goal 6	Protect critical infrastructure in hazard areas.	
Objective 6.1	Identify the most vulnerable and critical structures and infrastructure due to the effects of natural and human caused hazards.	
Objective 6.2	Protect utilities from natural and human caused hazards.	
Objective 6.3	Enhance planning and mitigation strategy development for high hazard dams and levees.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		

Goal		
Objective		
Objective		
Objective		

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing hazard mitigation plan and identify its status as "No Progress / Unknown," "In Progress / Not Yet Complete," "Continuous," "Completed," or "Discontinued." Include review comments for each action.

Existing Mitigation Action		Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
Countywide (Multiple Municipalities)							
1.1.1	Identify existing repetitive loss and severe repetitive loss properties				X		
1.1.2	Investigate options for mitigating repetitive-loss properties within the floodplain				X		
1.1.3	Protect natural wetlands that may absorb floodwaters.			X			
1.2.1	Work with township/borough officials to increase awareness among property owners, including informational mailings to property owners in the special flood hazard area (SFHA), and sponsoring a series of workshops about costs and benefits of: • Acquiring and minimizing the cost of flood insurance coverage • Property acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	X					
1.3.1	Obtain information for structures in the areas with the highest rela-tive vulnerability to determine the best property protection methods. The information to be obtained includes: • Lowest-floor elevation • Number of stories • Presence of a basement • Market and/or replacement value				X		

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
1.3.2	Obtain information for all remain-ing structures in the special flood hazard area (SFHA) to determine the best property protection meth-ods to promote with individual property owners. Techniques for gathering information over time should include developing and im-plementing a program for integrat-ed information "capture" at key points in normal township admin-istrative procedures, including ap-plications for building permits at township/borough offices.	X					
1.3.3	Apply to PEMA for funding to un-dertake detailed flood studies for county's high-hazard areas to de-termine base flood elevation (BFE) and a full range of flood- recurrence intervals (50%, 20%, 10%, 4%, 2% and 1% chance events) for use in future refinements of the mitigation plan.	X					
1.4.1	Engage or collaborate with munici-palities to identify repetitive flood properties that do not qualify as a severe repetitive or repetitive loss properties.	X					
1.4.2	Elevate structures to above the base flood elevation.	X					
1.4.3	Encourage regular maintenance on stormwater management structures (culverts, drainage ditches, etc.) and replace any stormwater management structures as needed.			X			
1.4.4	Raise roadways that routinely flood to above the base flood elevation.	X					
1.4.5	Upgrade and replace manholes to prevent the release of sewage during a flood.	X					
1.5.1	Encourage participation of all munic-ipalities in the National Flood Insur-ance Program (NFIP).	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
2.1.1	Identify at risk populations with the highest relative vulnerability to all hazards impacting Somerset County						
2.1.2	Conduct qualitative evaluation pro-cess for managing stranded travelers (e.g., temporary shelters).						
2.2.1	Complete a new digitized parcel pro-ject and develop a GIS data layer that would be used to assist with damage assessment and estimation of loss during mitigation efforts.						
2.3.1	Retrofit manufactured homes with anchors or tie-down straps.						
2.4.1	Obtain detailed topographic and planimetric surveys for areas along interstate highways in Somerset County identified as crossing points for tributaries that feed drinking water reservoir(s). Follow-up efforts would include preliminary engi-neering studies to determine earth-work and/or other diversions need-ed to prevent hazardous material spills in these areas from contami-nating drinking water supplies.						
2.5.1	Maintain the county's commodity flow study to identify those roadways most travelled by vehicles transport-ing hazardous materials.						
2.5.2	Perform studies on roadways used to transport hazardous materials to ensure that they are adequate for this purpose.						
2.6.1	Work with Southwestern Regional Counterterrorism Task Force (PA Region 13) to plan and prepare for terrorist activities and all hazards, including training and exercises.						

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
3.1.1	Ensure that land use, zoning, and related regulations require an ade-quate setback of structures from the edge of wild lands.	X					
3.1.2	Distribute and promote the inclusion of vulnerability analysis information as part of the periodic plan review to all at the public/private levels.	X					
3.1.3	Present cost/benefit analysis to townships/boroughs that do not have comprehensive plans and/or zoning/land use ordinances.	X					
3.1.4	Integrate evaluation of snow removal and emergency access logistics with new development planning.	X					
3.2.1	Enforce building codes include the use of roofing shingles that are less likely to be blown off of roofs.	X					
3.2.2	Enforce building codes include the use of fire-resistant materials for structures near wild lands.	X					
3.2.3	Enhance building codes at the municipal level.	X					
3.2.4	Create an ordinance requiring all buildings to have a fire break free of brush or trees of at least 100 feet around them in rural areas.	X					
3.3.1	Provide updated training to municipal building inspectors.			X			
3.3.2	Work with township/borough officials to increase awareness among mobile homeowners (i.e., informational mailings, workshops) about requirements for proper anchoring for wind protection.	X					
4.1.1	Continue to distribute quarterly newsletter to members of the public on current EMA projects hazard mitigation efforts.	X					

	Existing Mitigation Action	Status					Review Comments
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
4.1.2	Educate residents to follow recommendations made by healthcare professionals to protect themselves from current risks.	X					
4.1.3	Identify and publicize easily prevent-ed reasons for emergencies (e.g., careless smoking resulting in fires).	X					
4.2.1	Convene regular meetings of the LPT to discuss issues and progress related to the implementation of the hazard mitigation plan.	X					
4.3.1	Renew and expand commitments to hazard mitigation planning among partner organizations through the local planning team.	X					
5.1.1	The LEPC should work with SARA facility owners and operators to ensure compliance with the emergency off-site response plan.			X			
5.1.2	Increase awareness by residents of actions to take during an emergency, including sheltering and evacuation procedures. Methods to be used can include public outreach and education.	X					
5.1.3	Continue to collaborate with local law enforcement and authorities to promote public awareness of the prevention, intervention, and treatment of drug abuse.			X			
5.1.4	Collaborate with partnering agencies to promote awareness of invasive species (i.e. spotted lantern fly).			X			
5.2.1	Identify and maintain lists of functional needs populations requiring additional emergency response.	X					
5.2.2	Evaluate means to enhance response capability for functional needs residents.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
5.2.3	Continue to actively engage with the first responder community through outreach to enhance and secure our local level emergency service capabilities.			X			
5.3.1	Maintain county and municipal emergency operations plans in accordance with Title 35 requirements.			X			
5.3.2	Encourage organizations responsible for critical infrastructure to maintain current Continuity of Operations (COOP) plans.			X			
5.3.3	Ensure that a current emergency plan is in place for each facility that uses, manufactures, or stores hazardous materials.			X			
5.3.4	Conduct post-disaster community recovery planning.	X					
5.3.5	Maintain debris management plan.	X					
5.3.6	Enhance the public safety agency personnel and equipment update system to allow input of data from first responders and public works.	X					
6.1.1	Investigate options for protecting critical infrastructure impacted by all-hazards.	X					
6.1.2	Conduct cost-benefit analysis of protection of critical infrastructure.	X					
6.1.3	Conduct qualitative evaluation process for critical facilities and residents to determine relative vulnerability and gather information for subsequent refinements of this mitigation plan.	X					
6.1.4	Develop action plan for reducing potential damage and loss of function at identified critical facilities and infrastructure.	X					
6.2.1	Amend development regulations to require below ground power and telephone transmission lines and bury lines already in existence.	X					

	Existing Mitigation Action	Status					
		No Progress/ Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	Review Comments
6.3.1	Review, update, and exercise high hazard dam plans.				X		
6.3.2	Further examine inundation areas and how to better-inform and protect vulnerable populations.	X					

Notes:

** The letters associated with the initiative number indicate the lead agency (i.e., Somerset County or municipality).*
*** Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.*

CAFO = Consolidated Animal Feeding Operation
CART = County Animal Response Team
CEO = Code Enforcement Officer
Depts. = Departments
DPW = Department of Public Works
EMA = Emergency Management Agency
EMC = Emergency Management Coordinator
EMS = Emergency Medical Services
FEMA = Federal Emergency Management Agency
FMA = Flood Mitigation Assistance [grant]
FMP = Flood Mitigation Program
FPA = Floodplain Administrator
Hazmat = Hazardous Materials
HMGP = Hazard Mitigation Grant Program
LEPC = Local Emergency Planning Committee
Med. = Medium
NFIP = National Flood Insurance Program
OIE = World Organisation for Animal Health
PA DCED = Pennsylvania Department of Community and Economic Development
PA DCNR = Pennsylvania Department of Conservation and Natural Resources
PDM = Pre-Disaster Mitigation Program
PEMA = Pennsylvania Emergency Management Agency
PennDOT = Pennsylvania Department of Transportation
PSU = Penn State University
RACP = Redevelopment Assistance Capital Program
TIP = Transportation Improvement Program
USDA = United States Department of Agriculture
USPS = United States Postal Service

Costs:
These rough estimates should be used where actual project costs cannot reasonably be established at this time:
Low = < $10,000
Medium = $10,000 to $100,000
High = > $100,000

Timeline:
Short Term = 1 to 2 years
Medium Term = 2 to 5 years
Long Term = 5 years or greater

Hazard Identification and Risk Evaluation Worksheet

Name: BRAD ZEARFOSS **Title:** PLANNING DIRECTOR

Jurisdiction: SOMERSET COUNTY **Email:** BZEARFOSS@CO.SOMERSET.PA.US

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	I	
Earthquake	NC	
Flood, Flash Flooding, and Ice Jam	I	
Hailstorms	NC	
Hurricane, Tropical Storms, Nor'easter	I	
Invasive Species	NC	
Landslide	NC	
Pandemic and Infectious Disease	I	
Radon Exposure	NC	
Subsidence, Sinkhole	NC	
Tornadoes and Windstorms	NC	
Wildfire	I	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	
Environmental Hazards (Hazmat)	I	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☒ Cyber Terrorism
- ☒ Environmental Hazards – Coal Mining
- ☒ Environmental Hazards – Conventional Oil/Gas Wells
- ☒ Environmental Hazards – Gas and Liquid Pipelines
- ☒ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Don Miller Somerset Twp **Title:** Supervisor

Jurisdiction: Somerset Twp **Email:** township.don@gmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	NO CHANGE	
Earthquake	NO CHANGE	
Flood, Flash Flooding, and Ice Jam	NO CHANGE	
Hailstorms	NO CHANGE	
Hurricane, Tropical Storms, Nor'easter	NO CHANGE	
Invasive Species	NO CHANGE	
Landslide	NO CHANGE	
Pandemic and Infectious Disease	NO CHANGE	
Radon Exposure	NO CHANGE	
Subsidence, Sinkhole	NO CHANGE	
Tornadoes and Windstorms	NO CHANGE	
Wildfire	NO CHANGE	
Winter Storms	MILD WINTER	MOTHER NATURE
Human-Caused Hazards		
Emergency Services	LESS HELP	
Environmental Hazards (Hazmat)	NO CHANGE	
Levees and Dam Failure	NO CHANGE	
Opioid Epidemic	WORSE	
Terrorism	NO CHANGE	
Transportation Accidents	MORE	SPEEDING
Utility Interruption	NO CHANGE	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Rodney A Zerfoss Sr **Title:** Council Member

Jurisdiction: Stoystown Boro **Email:** rodney.zerfoss@gmail.com

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	N/A	
Earthquake	Decress	
Flood, Flash Flooding, and Ice Jam	Decress	
Hailstorms	Decress	
Hurricane, Tropical Storms, Nor'easter	Decress	
Invasive Species	Decrs	
Landslide	Decress	
Pandemic and Infectious Disease	Decress	
Radon Exposure	Decrs	
Subsidence, Sinkhole	Decrs	
Tornadoes and Windstorms	NC	
Wildfire	NC	
Winter Storms	D	
Human-Caused Hazards		
Emergency Services	I	
Environmental Hazards (Hazmat)	D	
Levees and Dam Failure	D	
Opioid Epidemic	I	
Terrorism	NC	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Hazard Identification and Risk Evaluation Worksheet

Name: Kevin Broadwater Title: Local EMC

Jurisdiction: Meyersdale Boro, Salisbury Boro Email: broadwaterk@co.somerset.pa.us

Summit Twp, Greenville Twp, Larimer twp **PART I**

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	D	
Flood, Flash Flooding, and Ice Jam	I	area of concern
Hailstorms	D	
Hurricane, Tropical Storms, Nor'easter	NC	
Invasive Species	I	spotted lantern fly
Landslide	D	
Pandemic and Infectious Disease	I	covid influenza
Radon Exposure	NC	
Subsidence, Sinkhole	I	
Tornadoes and Windstorms	I	more frequent
Wildfire	NC	
Winter Storms	NC	
Human-Caused Hazards		
Emergency Services	I	Lack of Ambulances
Environmental Hazards (Hazmat)	NC	
Levees and Dam Failure	NC	
Opioid Epidemic	I	
Terrorism	I	
Transportation Accidents	NC	
Utility Interruption	NC	

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
- ☐ Extreme Temperature
- ☑ Lightning Strike

Human-Caused

- ☑ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☑ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

Capability Assessment Survey

Name: VICKI EDWARDS

Title: SECRETARY/TREASURER

Jurisdiction: URSINA BOROUGH

Email: ursinaborough@verizon.net

Phone Number: 814-395-3148

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop-ment		
EXAMPLE: Hazard Mitigation Plan	X	1/1/2022		County EMA	Interim update in 2020 revised mitigation strategy; completed one action.
Hazard Mitigation Plan	**X**	**11/7/11**			
Emergency Operations Plan	**X**	**4/2/12**			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFIP	**X**	**9/9/12**			
NFIP – Community Rating System					
Floodplain Regulations	**X**	**8/1/12**			
Floodplain Management Plan					
Zoning Regulations					

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Develop -ment		
Subdivision Regulations					
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)					
Open Space Management Plan (or Parks/Rec or Greenways Plan)					
Stormwater Management Plan / Ordinance					
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X	2004			
Fire Code					
Other					

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Manager	X			
Floodplain Manager		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Other		X		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources ***for hazard mitigation purposes*** (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		SO.CO. REVELOPMENT AUTH.	GRANT PENDING FOR STP UPGRADE
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees	X			
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification				
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability			
Education and Outreach			

Hazard Identification and Risk Evaluation Worksheet

Name: VICKI EDWARDS **Title:** SECRETARY/TREASURER

Jurisdiction: URSINA BOROUGH **Email:** ursinaborough@verizon.net

PART I

Identified Hazards 2020 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? *NC = No Change; I = Increase; D = Decrease* *(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)*	Additional Comments
Natural Hazards		
Drought	N/C	
Earthquake	N/C	
Flood, Flash Flooding, and Ice Jam	N/C	
Hailstorms	N/C	
Hurricane, Tropical Storms, Nor'easter	N/C	
Invasive Species	N/C	
Landslide	N/C	
Pandemic and Infectious Disease	N/C	
Radon Exposure	N/C	
Subsidence, Sinkhole	N/C	
Tornadoes and Windstorms	N/C	
Wildfire	N/C	
Winter Storms	N/C	
Human-Caused Hazards		
Emergency Services	N/C	
Environmental Hazards (Hazmat)	N/C	
Levees and Dam Failure	N/C	
Opioid Epidemic	I	SEE EVIDENCE OF HOMELESSNESS
Terrorism	N/C	
Transportation Accidents	N/C	
Utility Interruption	N/C	

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
- ☐ Extreme Temperature
- ☐ Lightning Strike

Human-Caused

- ☐ Building and Structure Collapse
- ☐ Civil Disturbance
- ☐ Cyber Terrorism
- ☐ Environmental Hazards – Coal Mining
- ☐ Environmental Hazards – Conventional Oil/Gas Wells
- ☐ Environmental Hazards – Gas and Liquid Pipelines
- ☐ Environmental Hazards – Unconventional Oil/Gas Wells
- ☐ Mass Food and Animal Feed Contamination
- ☐ Nuclear Incident
- ☐ Urban Fire and Explosion

Additional Comments:

APPENDIX E: Critical Facilities

APPENDIX F: LOCAL MUNICIPALITY FLOOD VULNERABILITY MAPS

Figure Error! No text of specified style in document.**-1 FEMA Flood Hazard Map for Addison Borough**

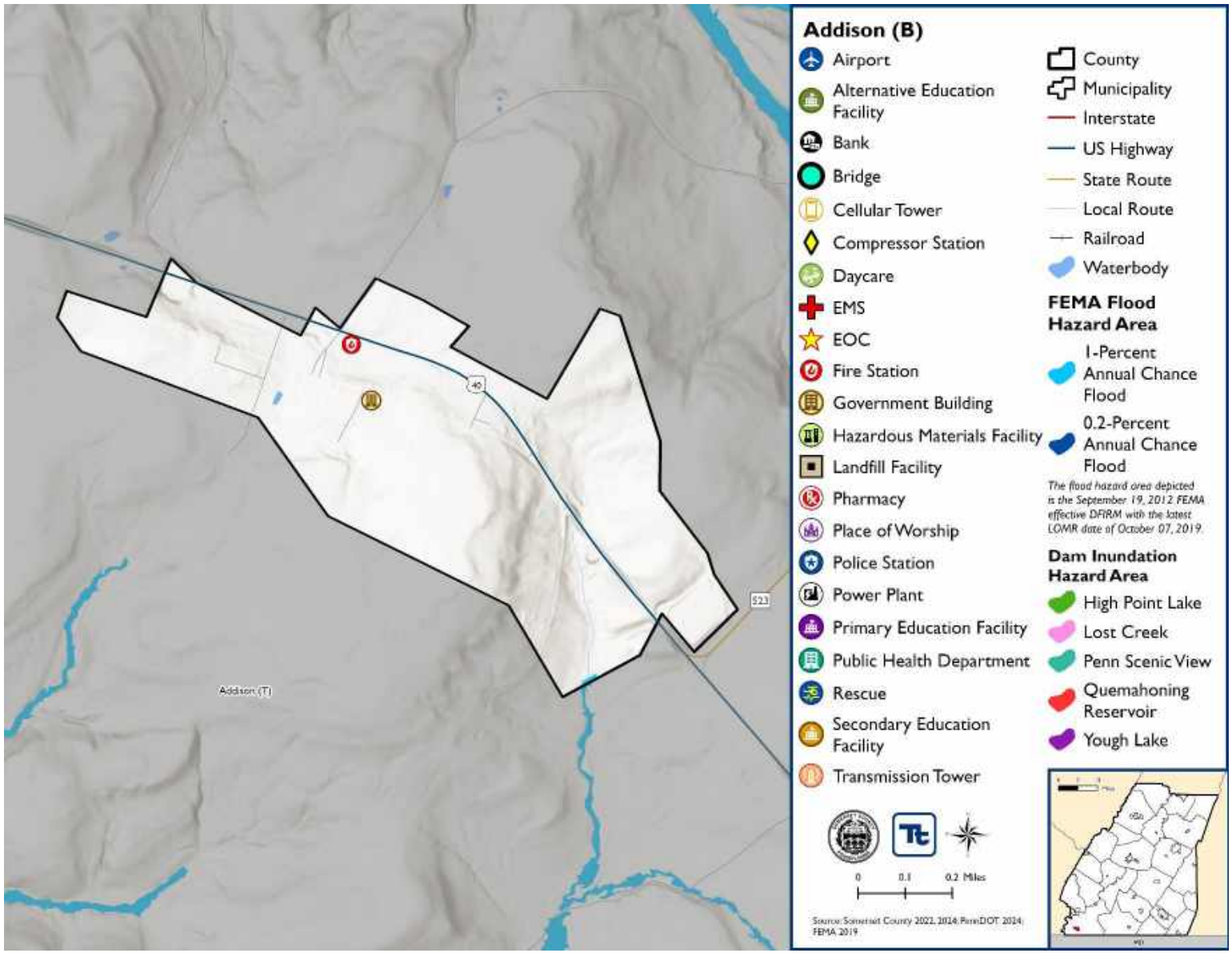


Figure Error! No text of specified style in document.**-2 FEMA Flood Hazard Map for Addison Township**

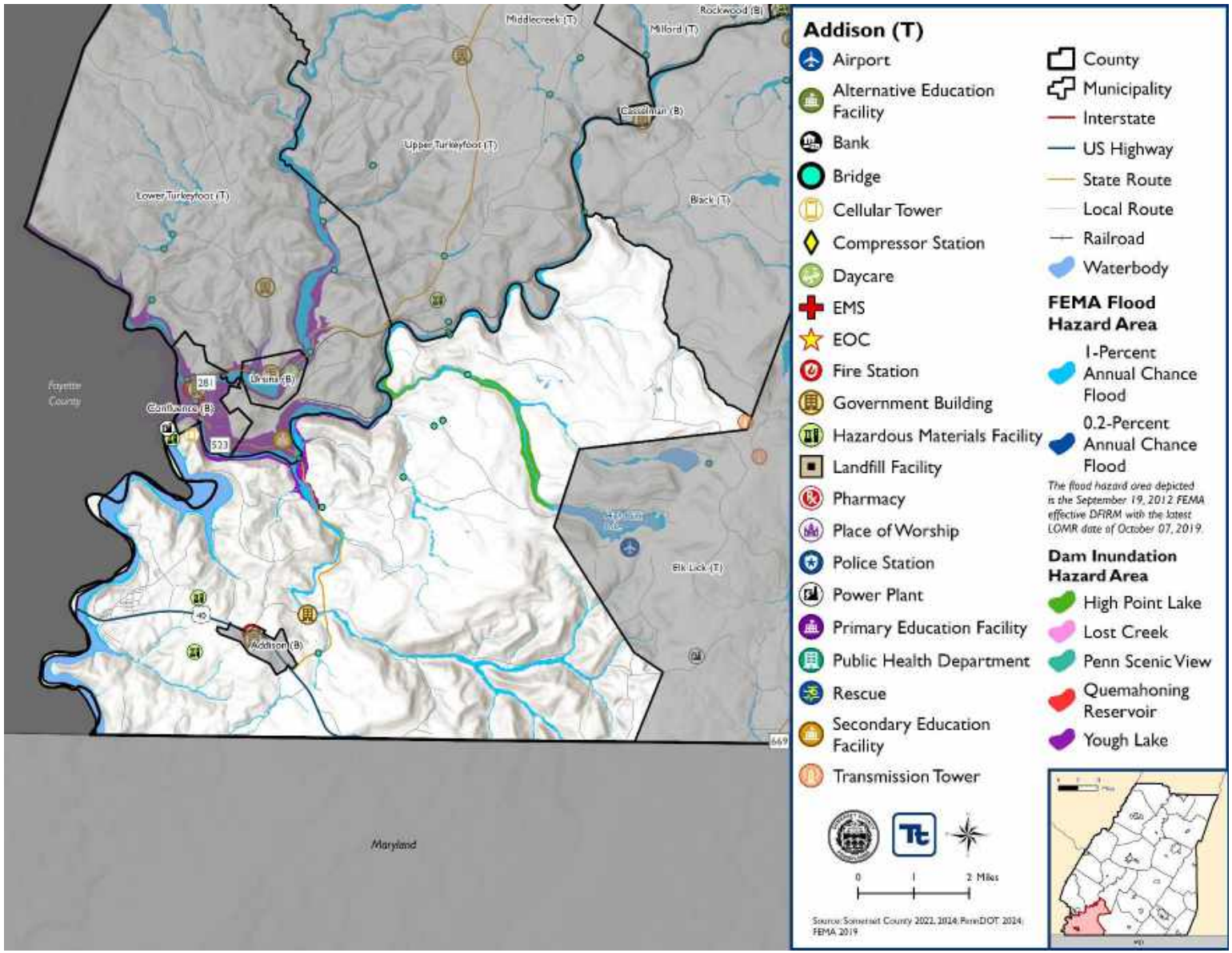


Figure Error! No text of specified style in document.**-3 FEMA Flood Hazard Map for Allegheny Township, PA**

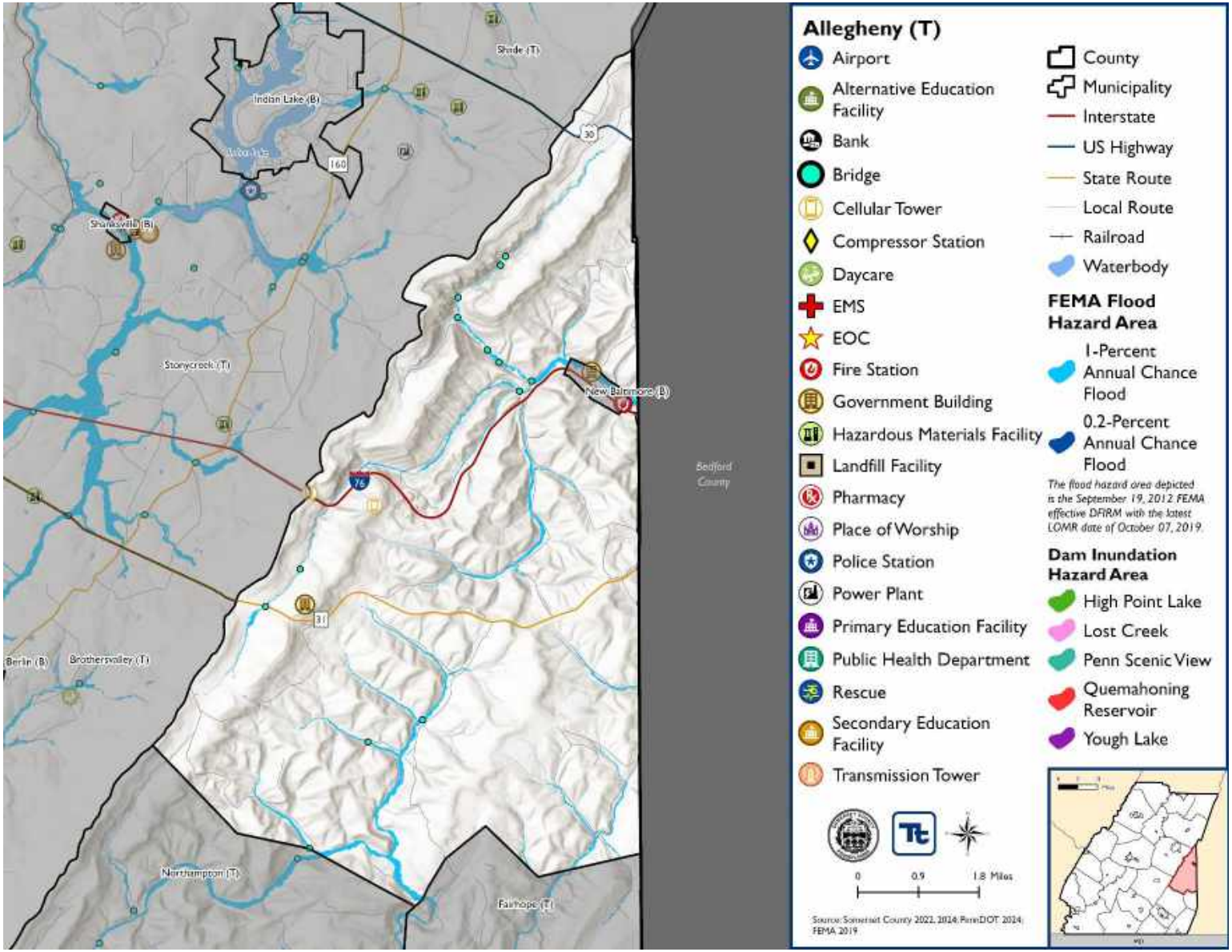


Figure Error! No text of specified style in document.**-4 FEMA Flood Hazard Map for Benson Borough, PA**

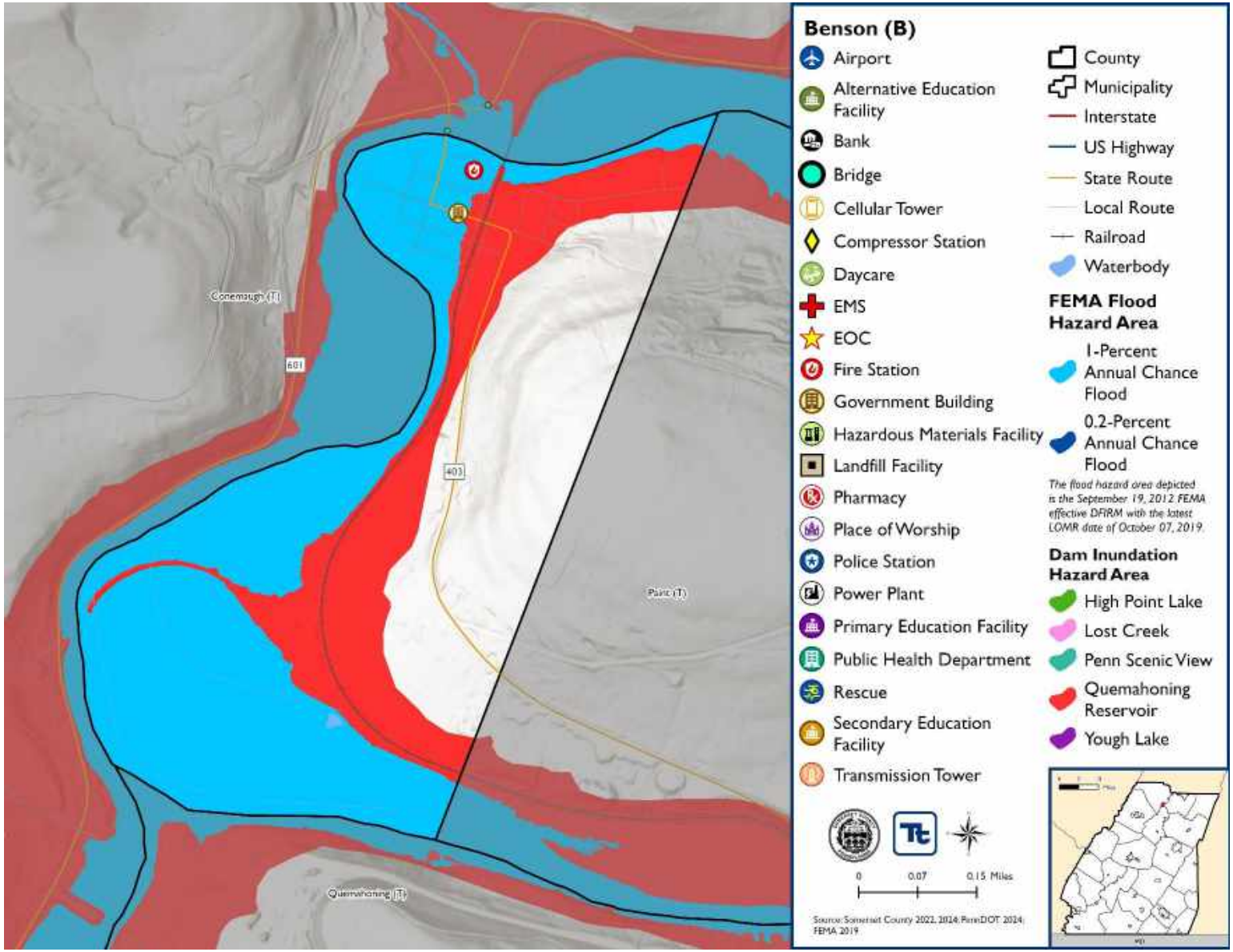


Figure Error! No text of specified style in document.**-5 FEMA Flood Hazard Map for Berlin Borough, PA**

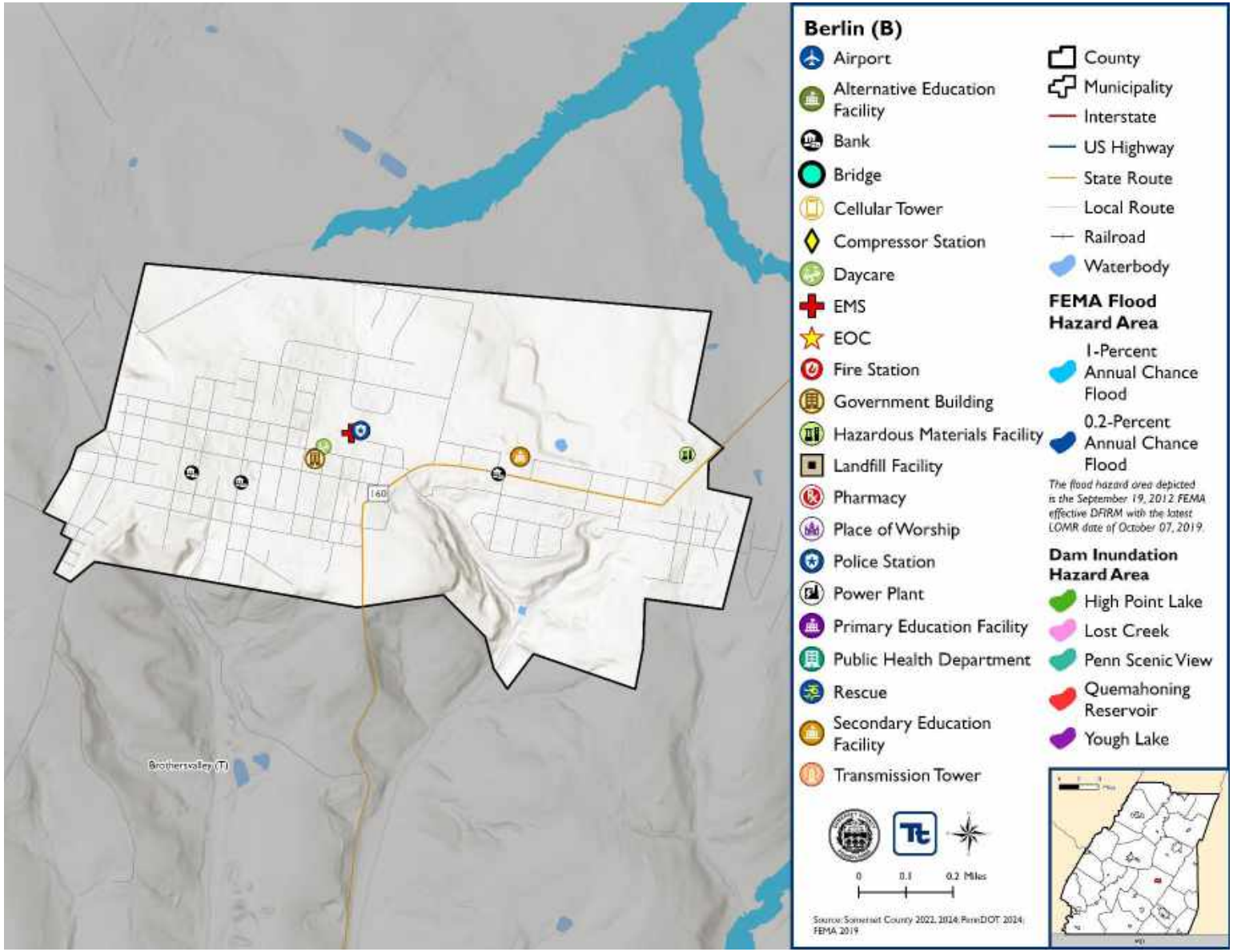


Figure Error! No text of specified style in document.**-6 FEMA Flood Hazard Map for Black Township, PA**

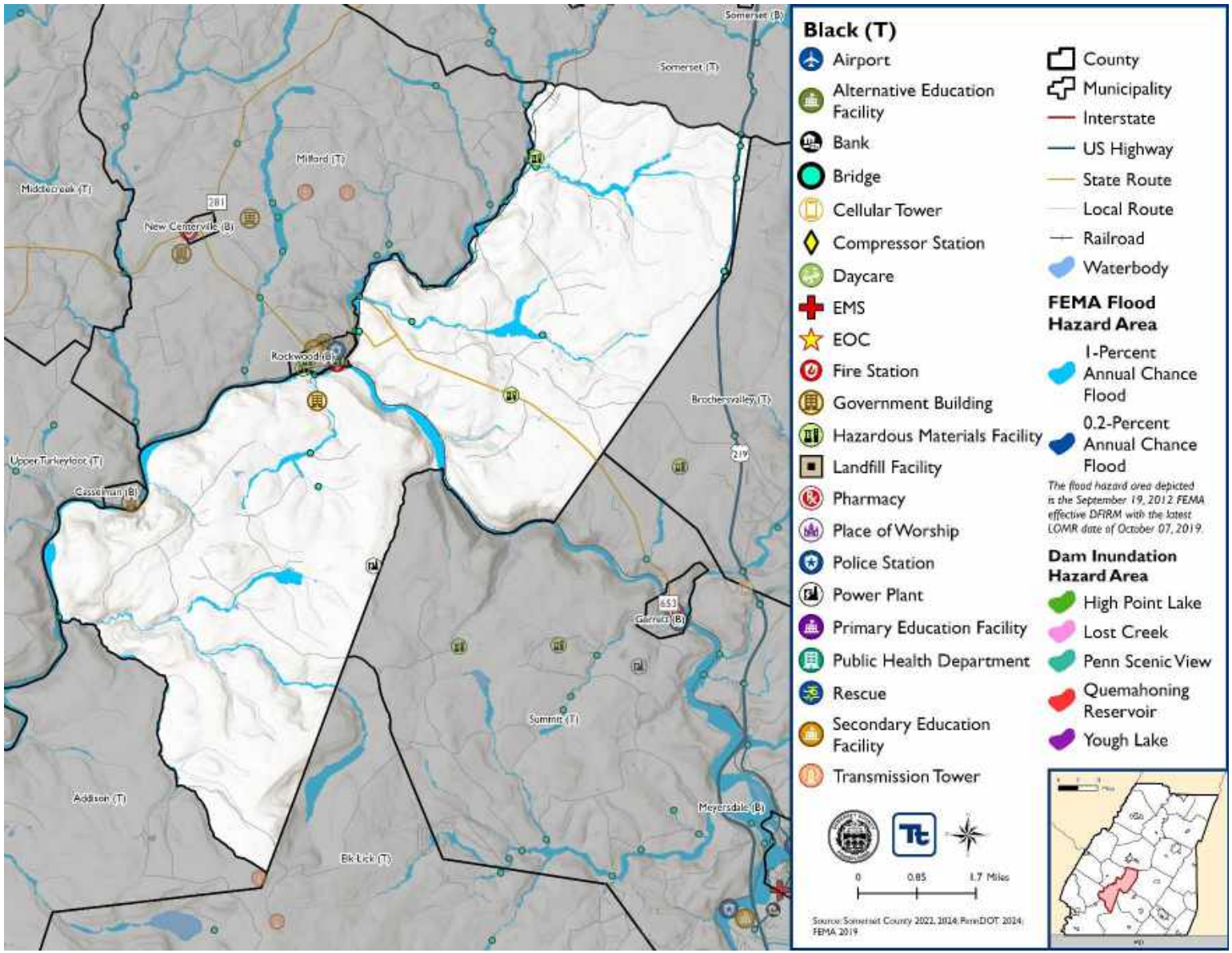


Figure Error! No text of specified style in document.**-7 FEMA Flood Hazard Map for Boswell Borough, PA**

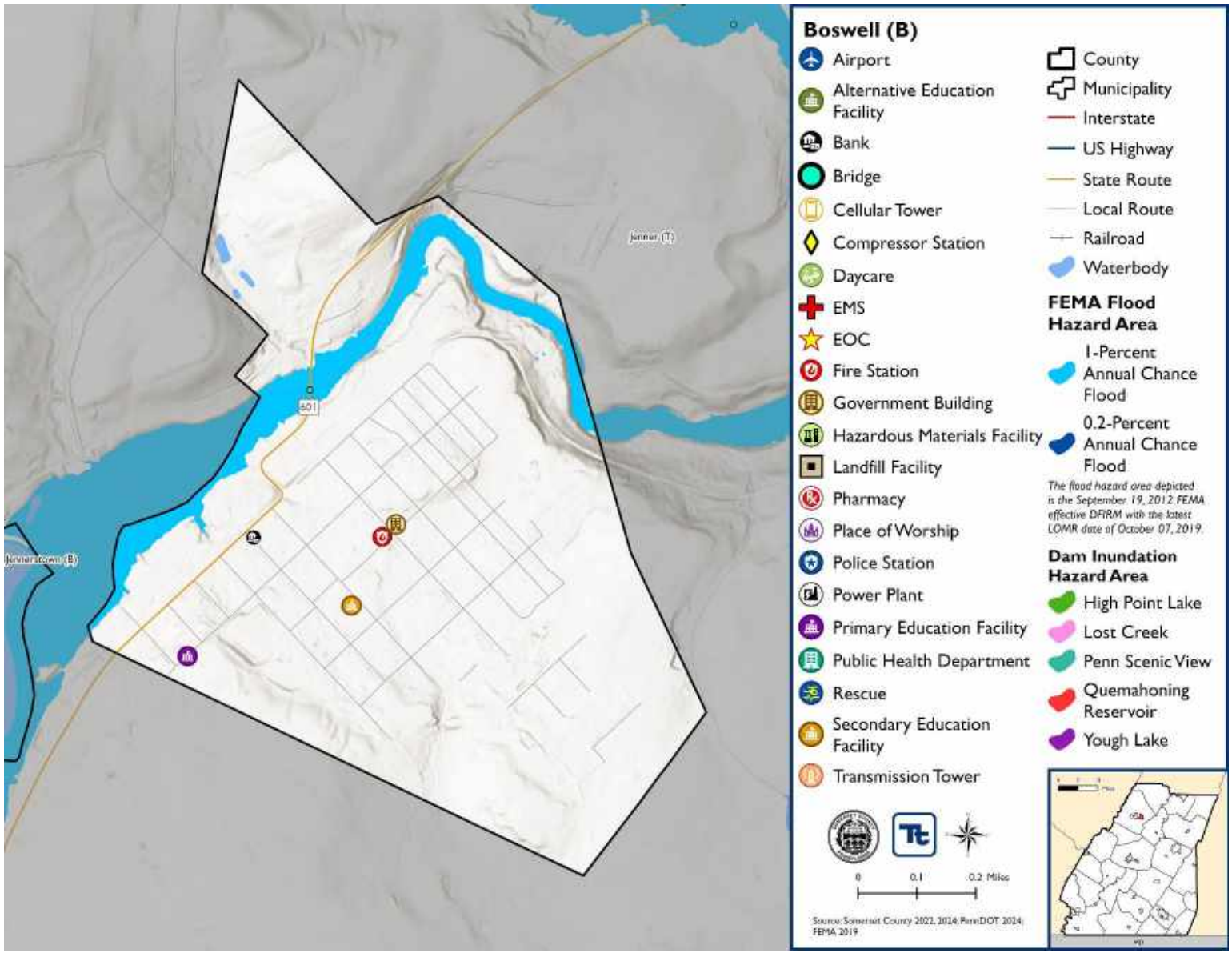


Figure Error! No text of specified style in document.**-8 FEMA Flood Hazard Map for Brothersvalley Township, PA**

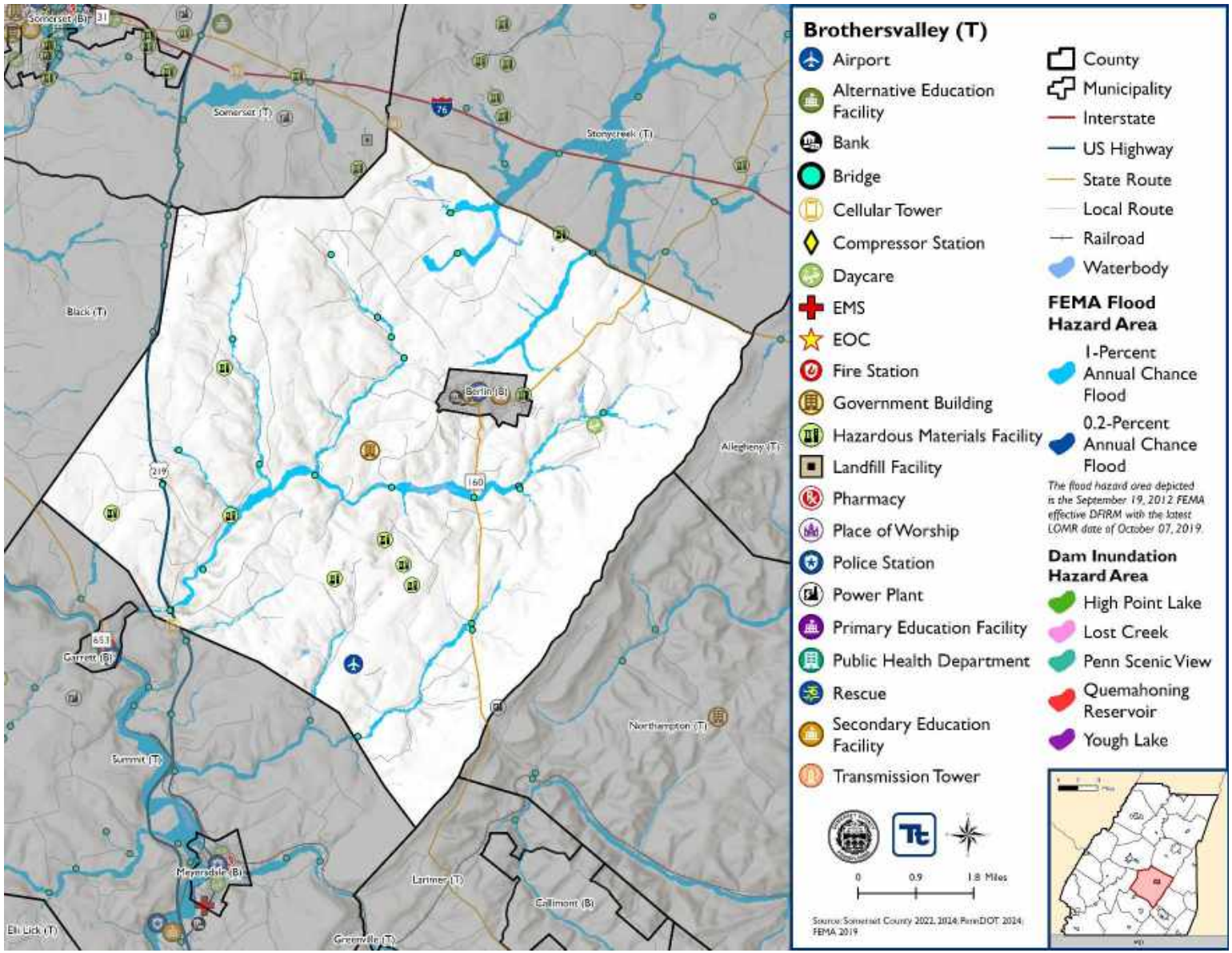


Figure Error! No text of specified style in document.**-9 FEMA Flood Hazard Map for Callimont Borough, PA**

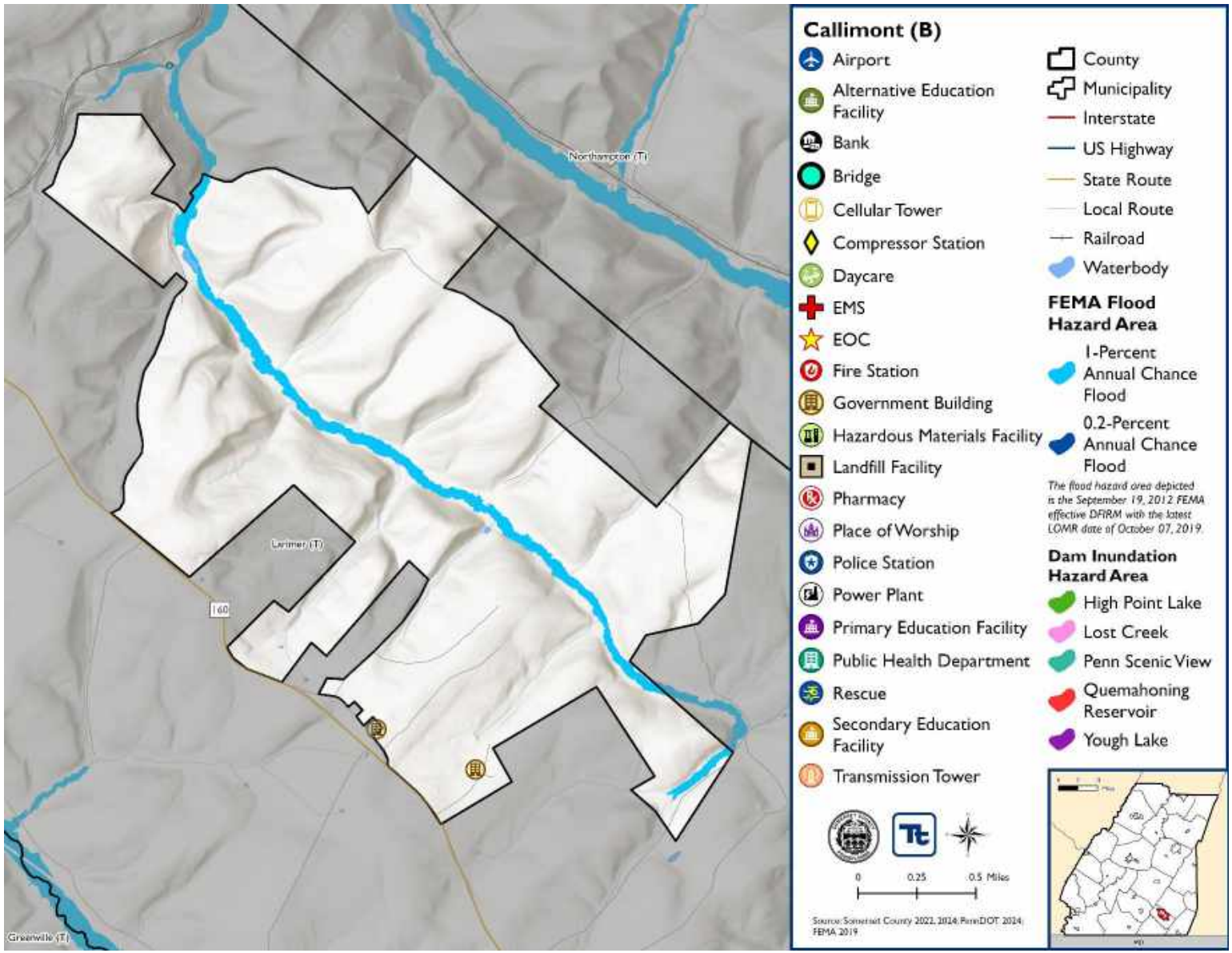


Figure Error! No text of specified style in document.**-10 FEMA Flood Hazard Map for Casselman Borough, PA**

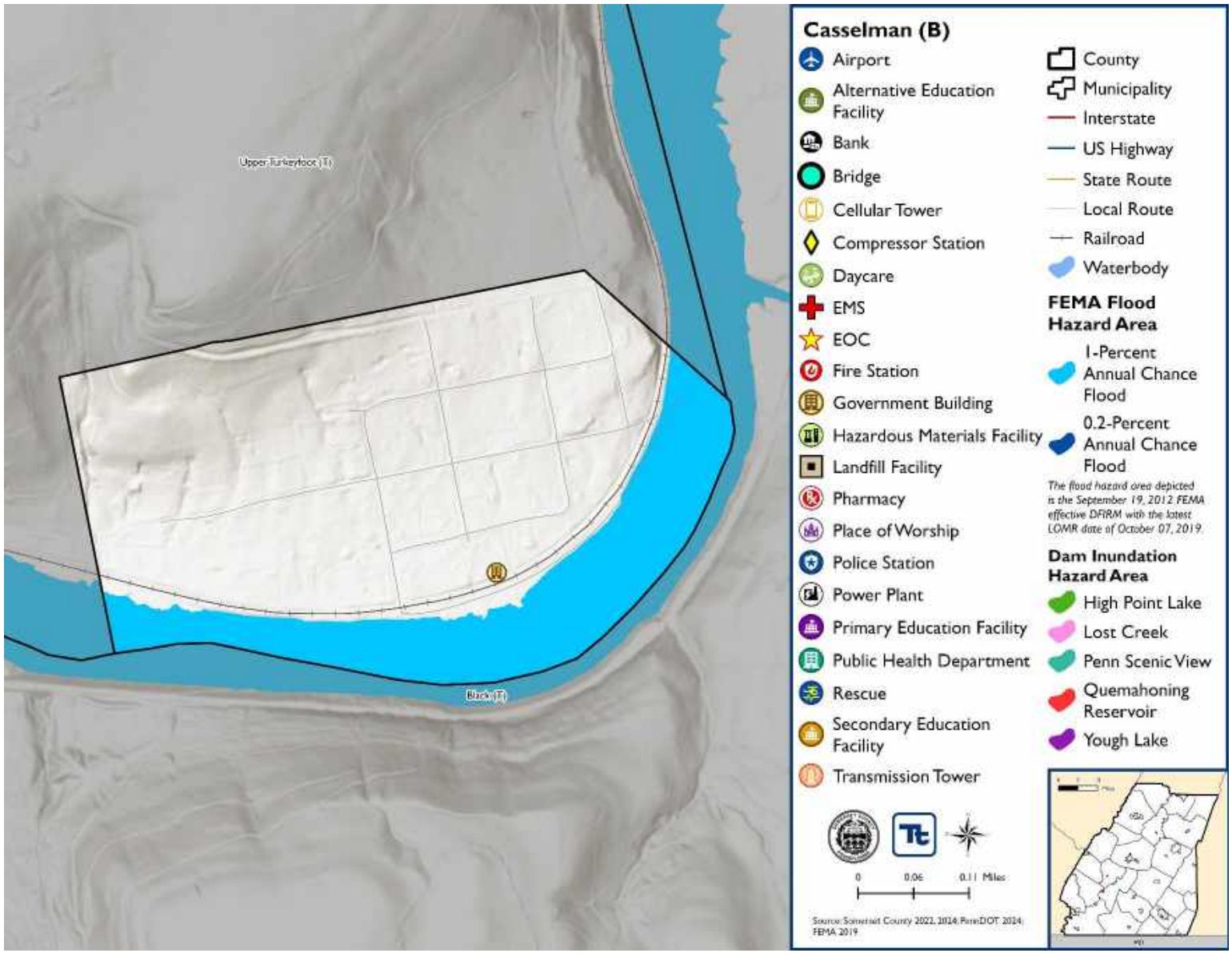


Figure Error! No text of specified style in document.**-11 FEMA Flood Hazard Map for Central City Borough, PA**

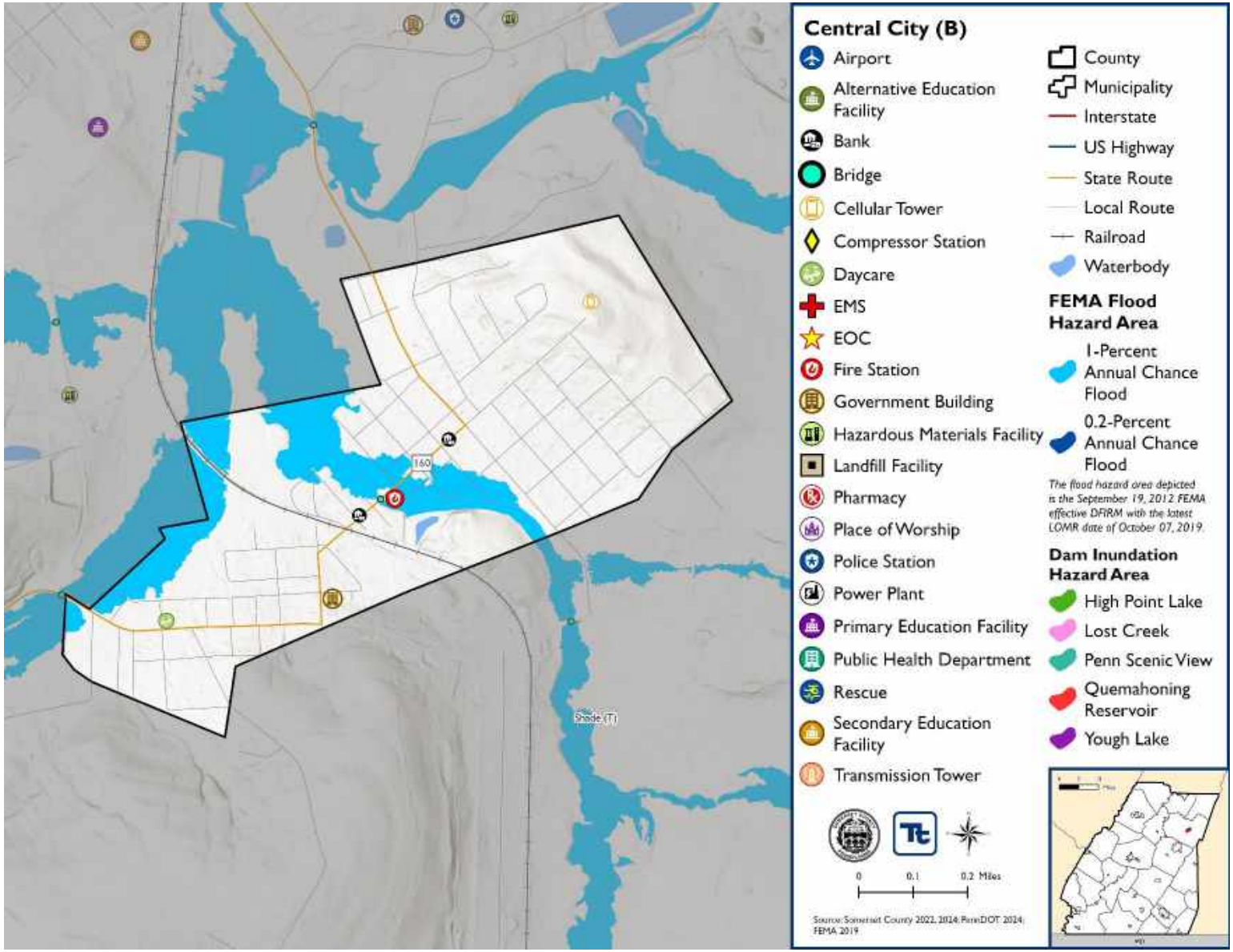


Figure Error! No text of specified style in document.**-12 FEMA Flood Hazard Map for Conemaugh Township, PA**

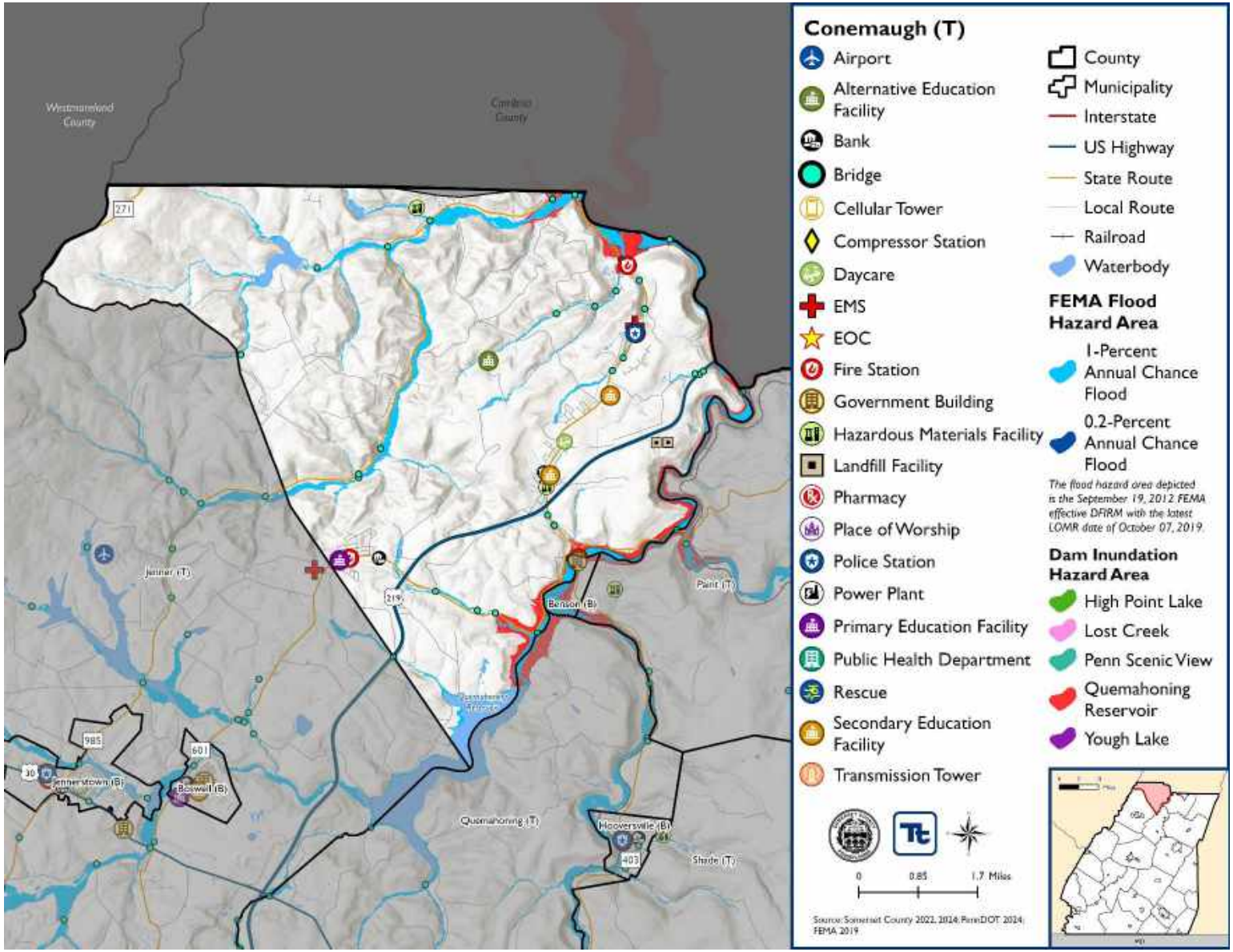


Figure Error! No text of specified style in document.**-13 FEMA Flood Hazard Map for Confluence Borough, PA**

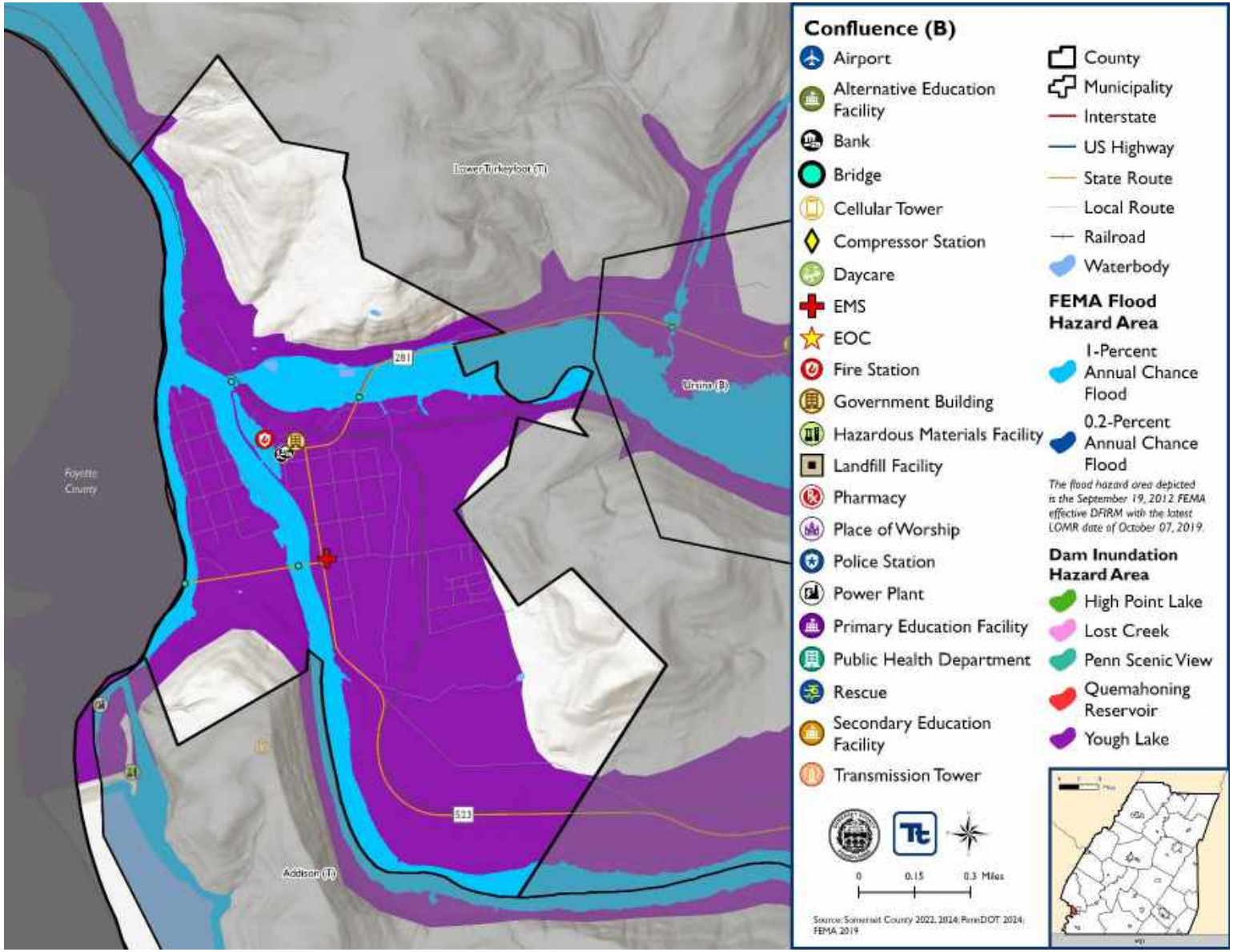


Figure Error! No text of specified style in document.**-14 FEMA Flood Hazard Map for Elk Lick Township, PA**

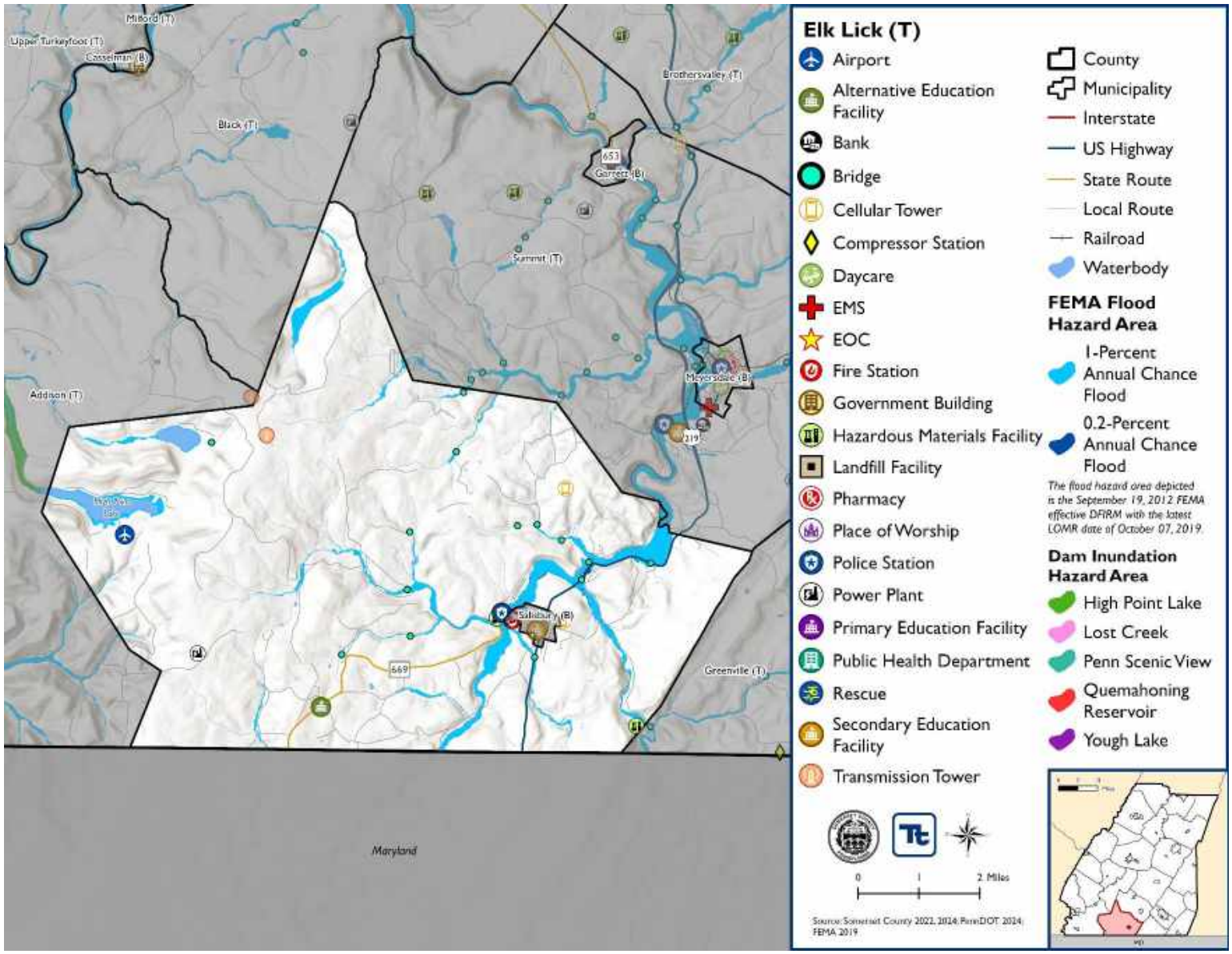


Figure Error! No text of specified style in document.**-15 FEMA Flood Hazard Map for Fairhope Township, PA**

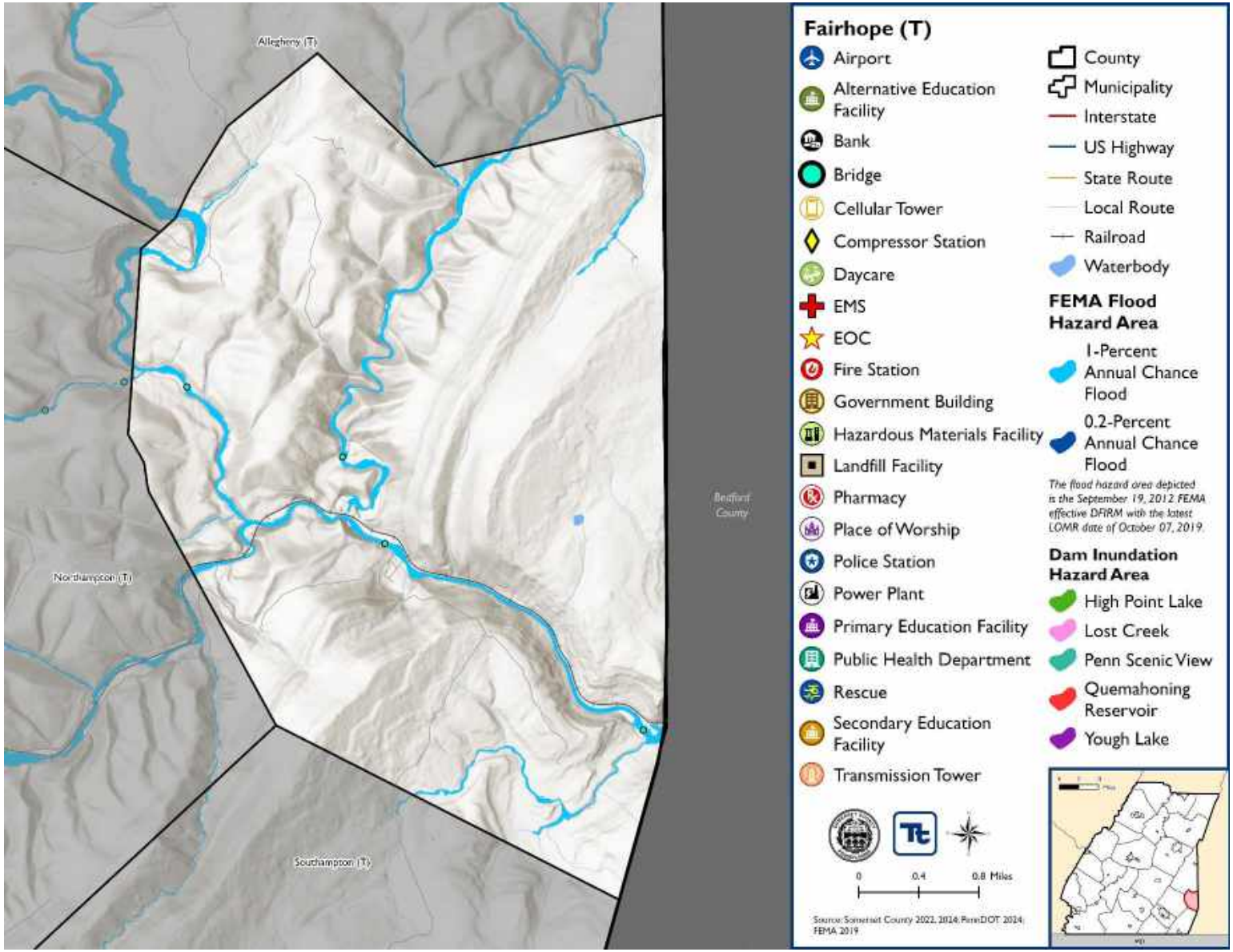


Figure Error! No text of specified style in document.**-16 FEMA Flood Hazard Map for Garrett Borough, PA**

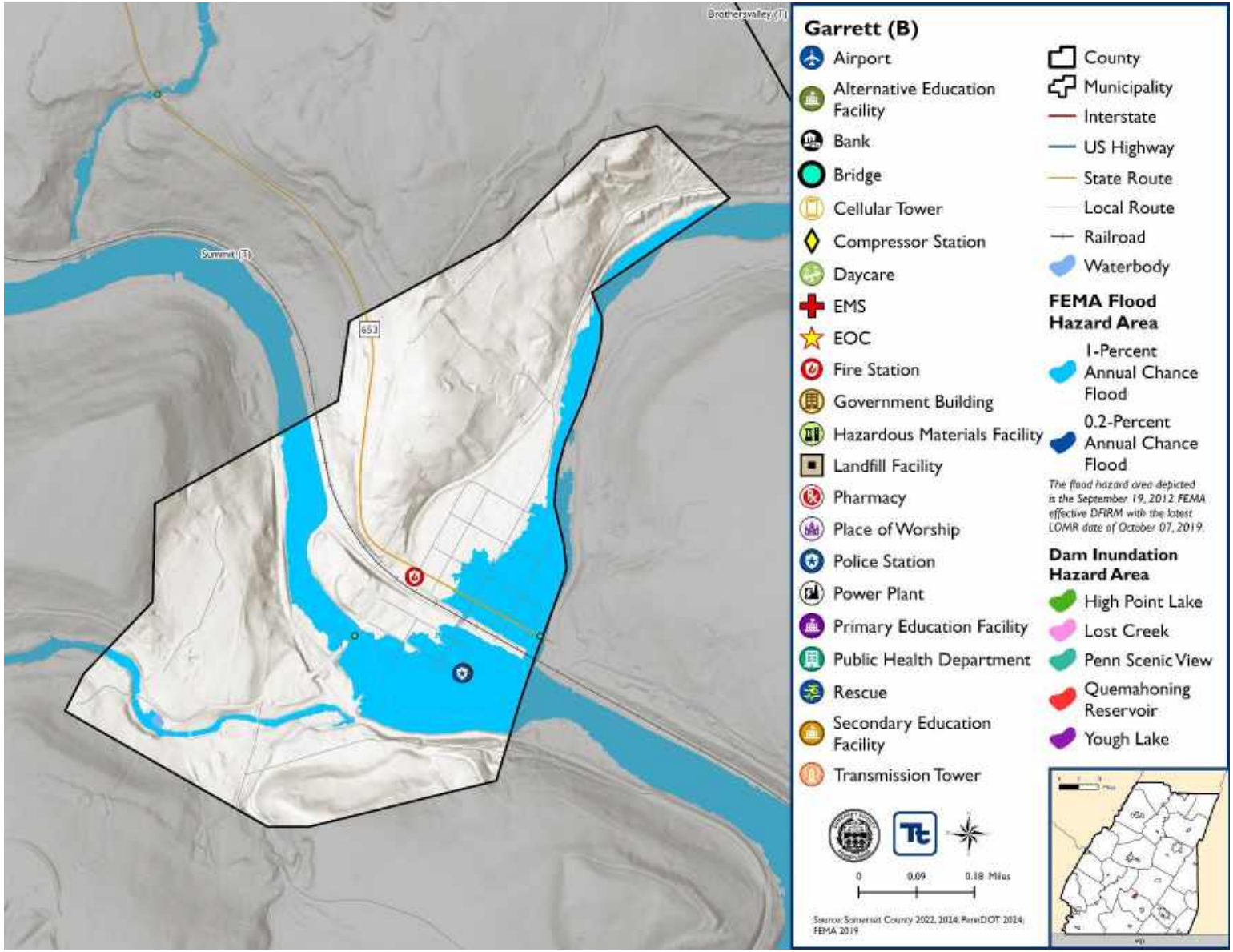


Figure Error! No text of specified style in document.**-17 FEMA Flood Hazard Map for Greenville Township, PA**

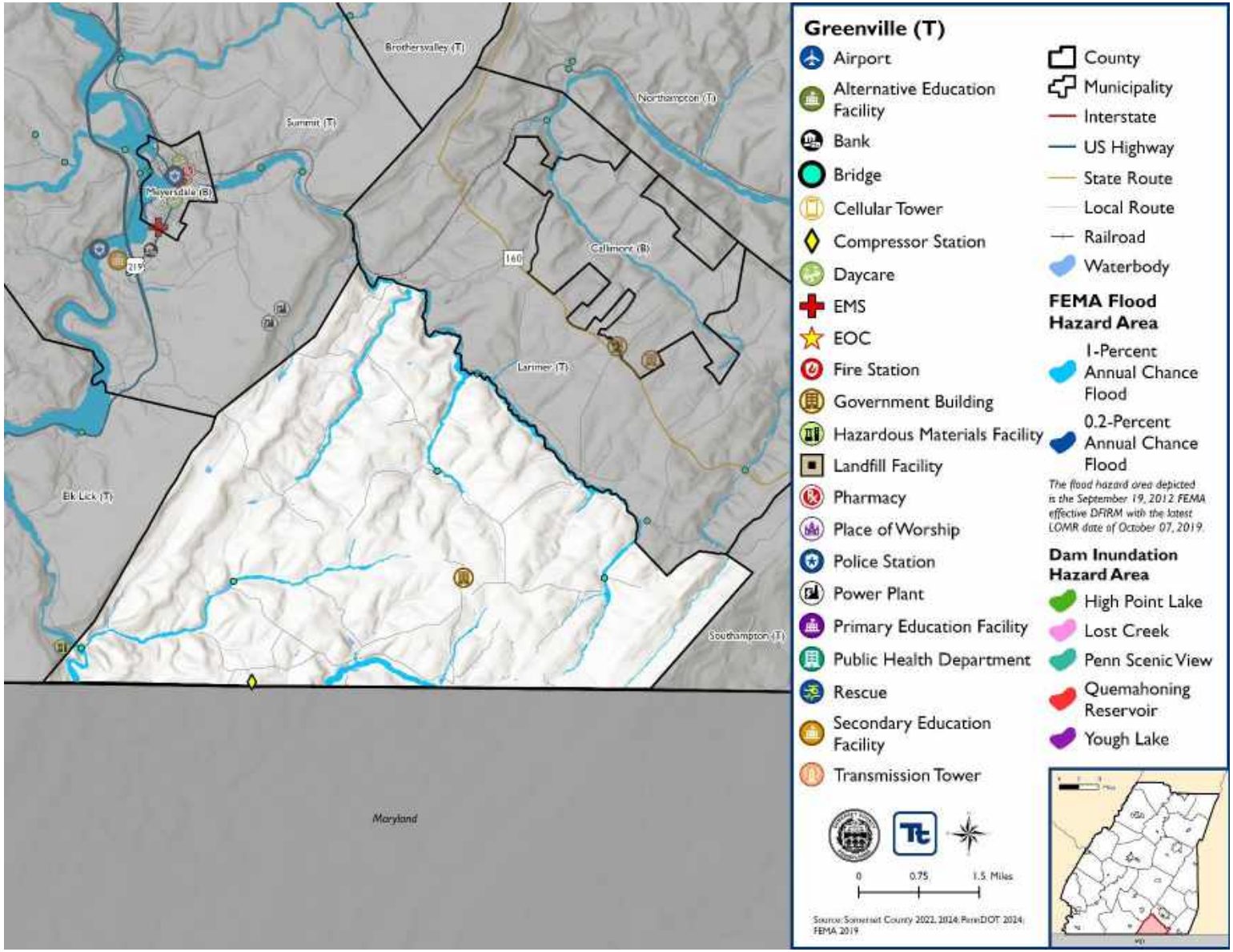


Figure Error! No text of specified style in document.**-18 FEMA Flood Hazard Map for Hooversville Borough, PA**

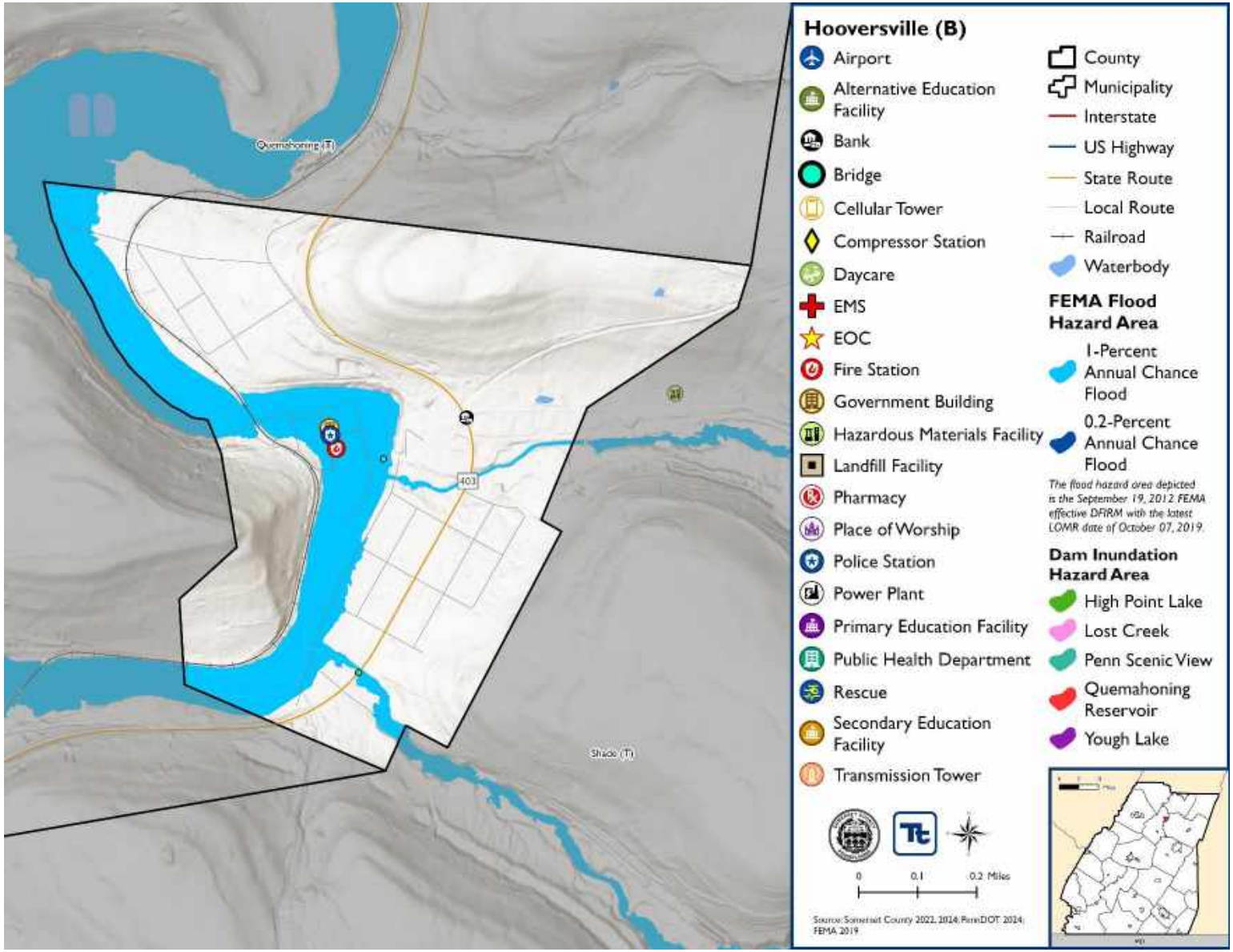


Figure Error! No text of specified style in document.**-19 FEMA Flood Hazard Map for Indian Lake Borough, PA**

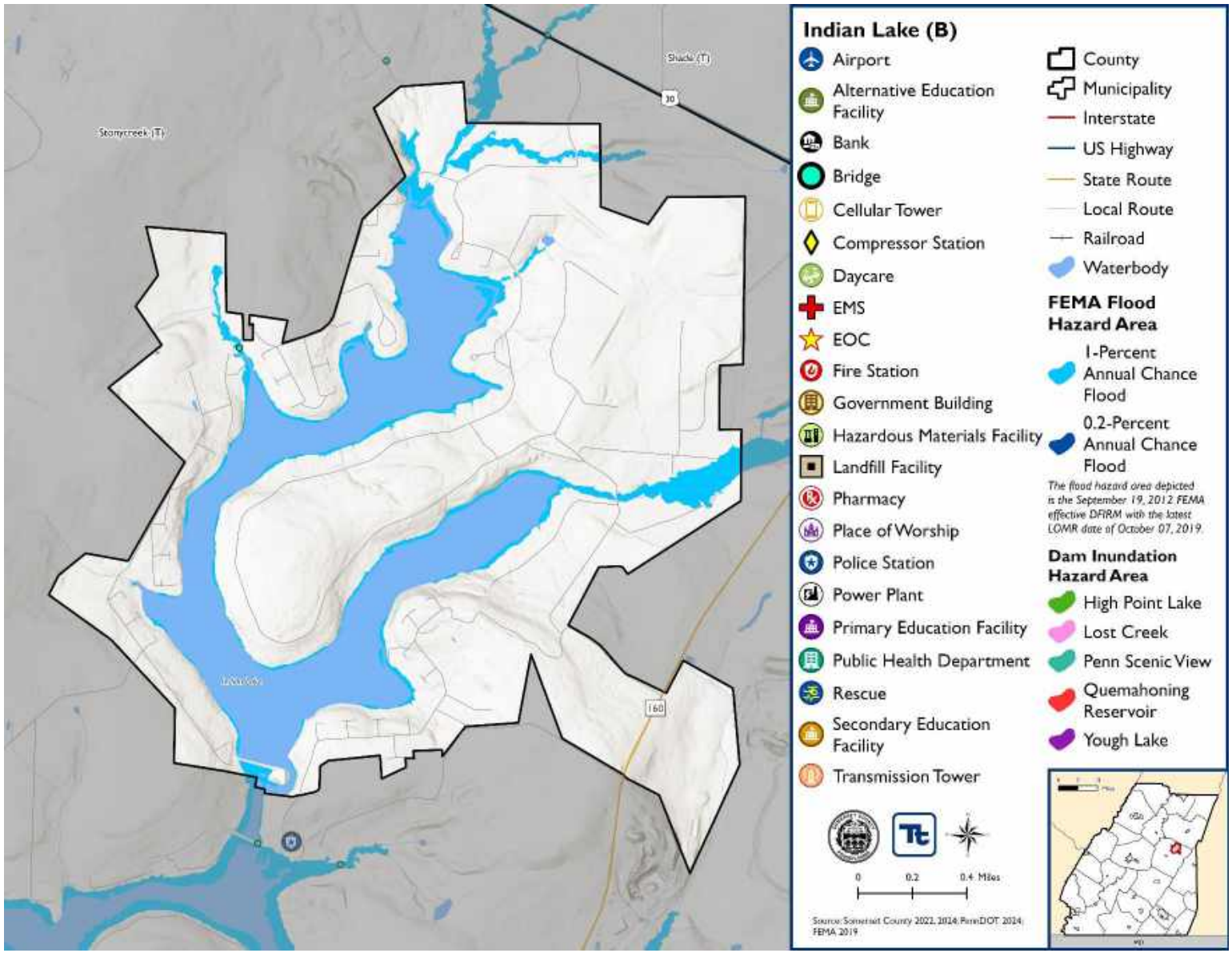


Figure Error! No text of specified style in document.**-20 FEMA Flood Hazard Map for Jefferson Township, PA**

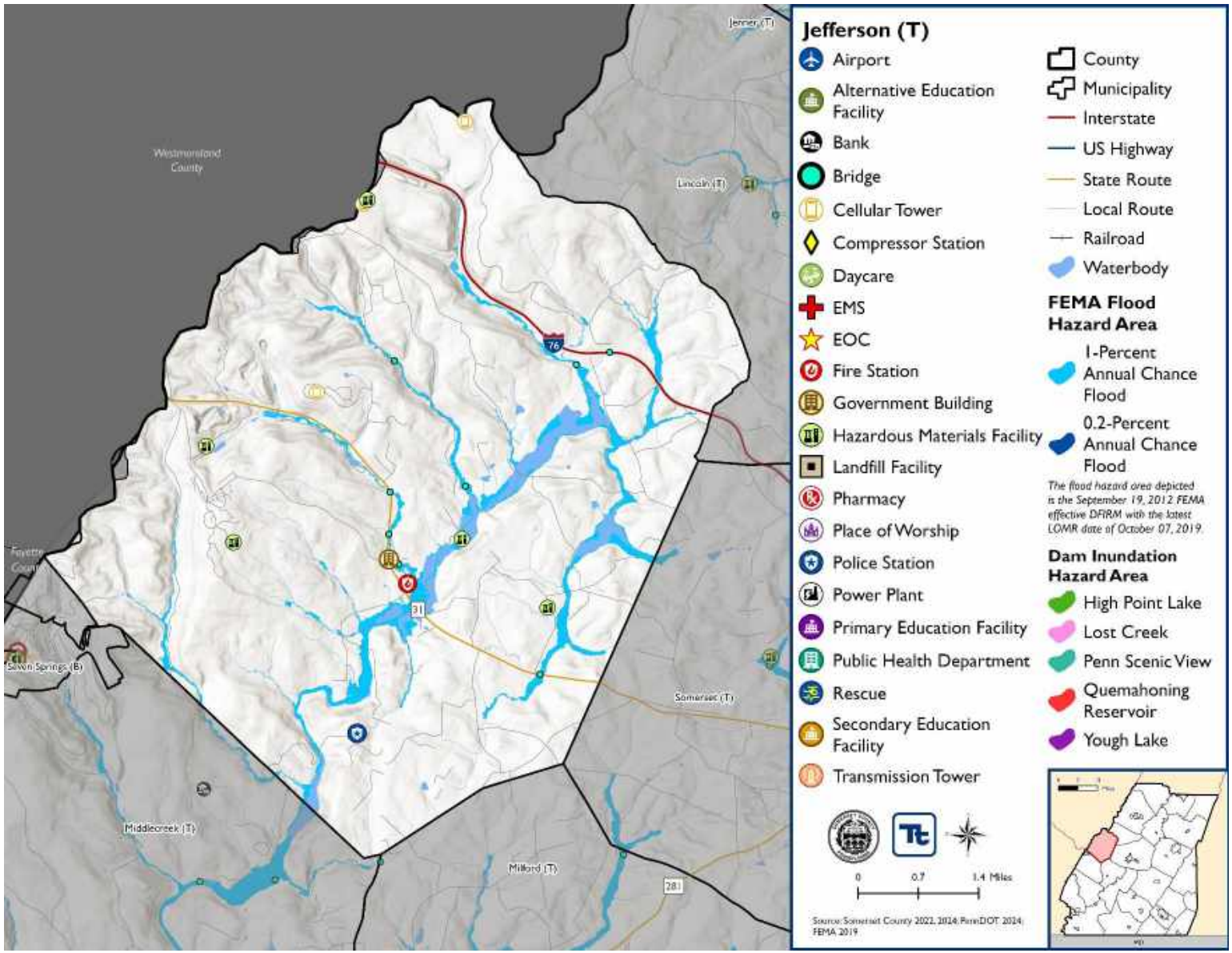


Figure Error! No text of specified style in document.**-21 FEMA Flood Hazard Map for Jenner Township, PA**

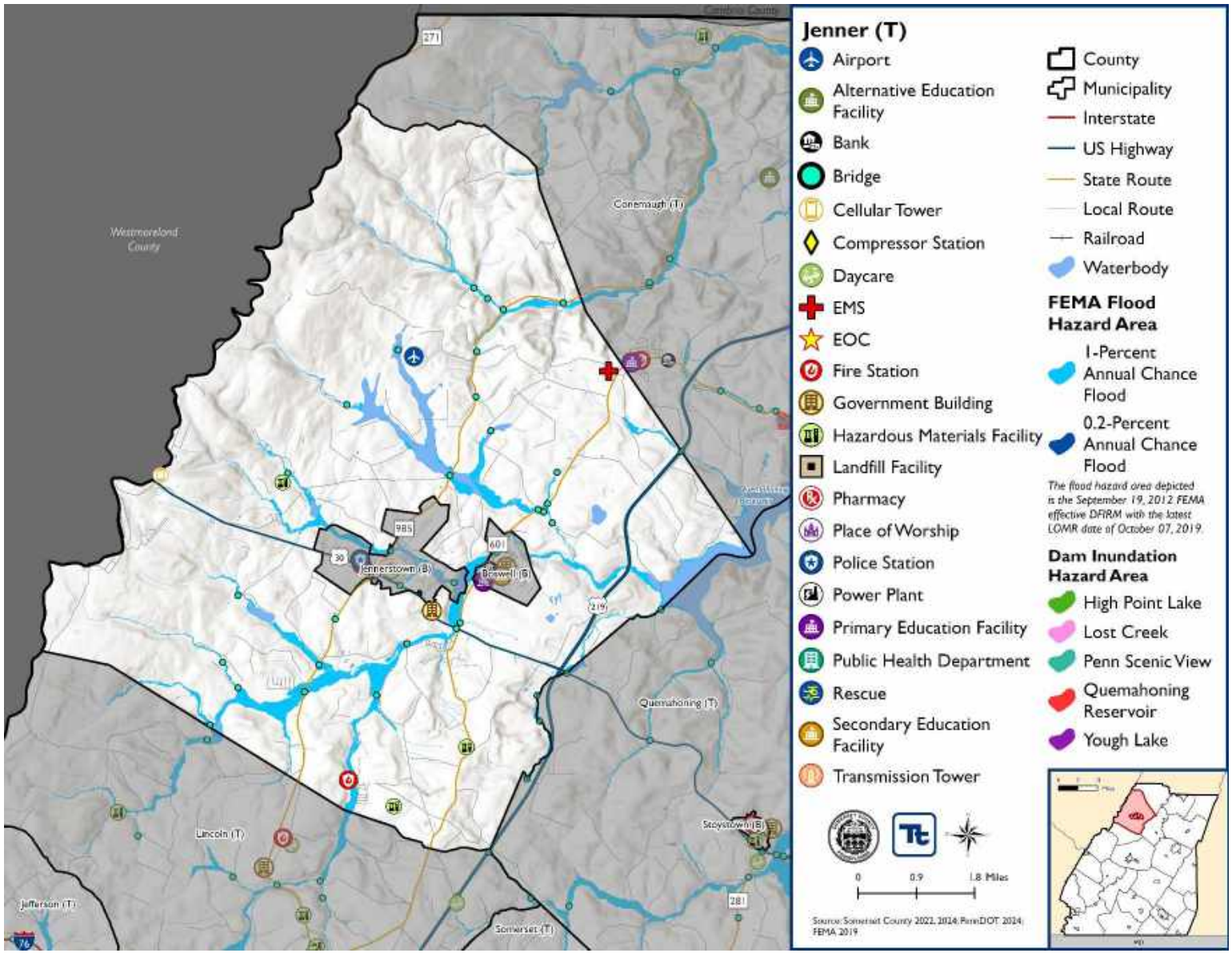


Figure Error! No text of specified style in document.**-22 FEMA Flood Hazard Map for Jennerstown Borough, PA**

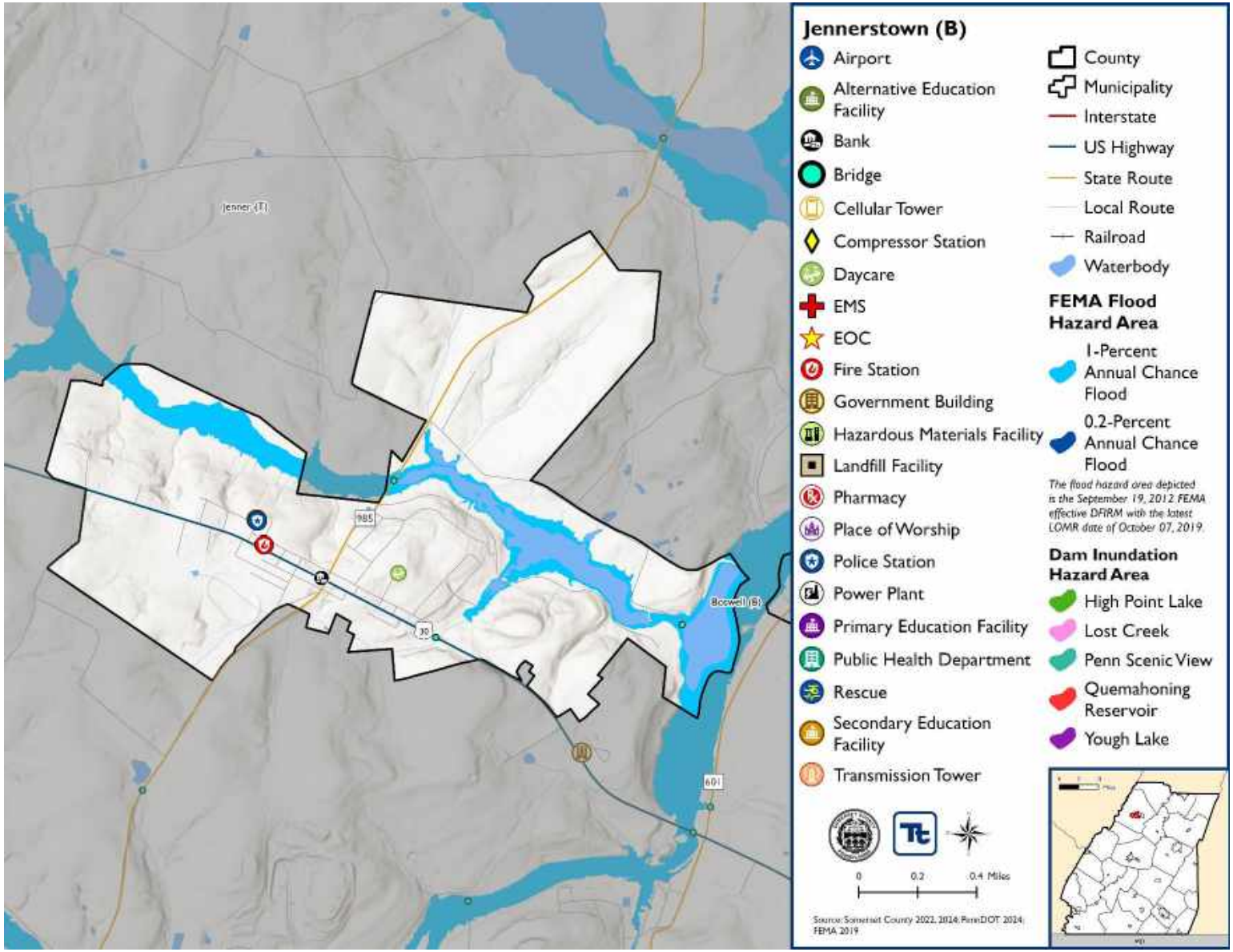


Figure Error! No text of specified style in document.**-23 FEMA Flood Hazard Map for Larimer Township, PA**

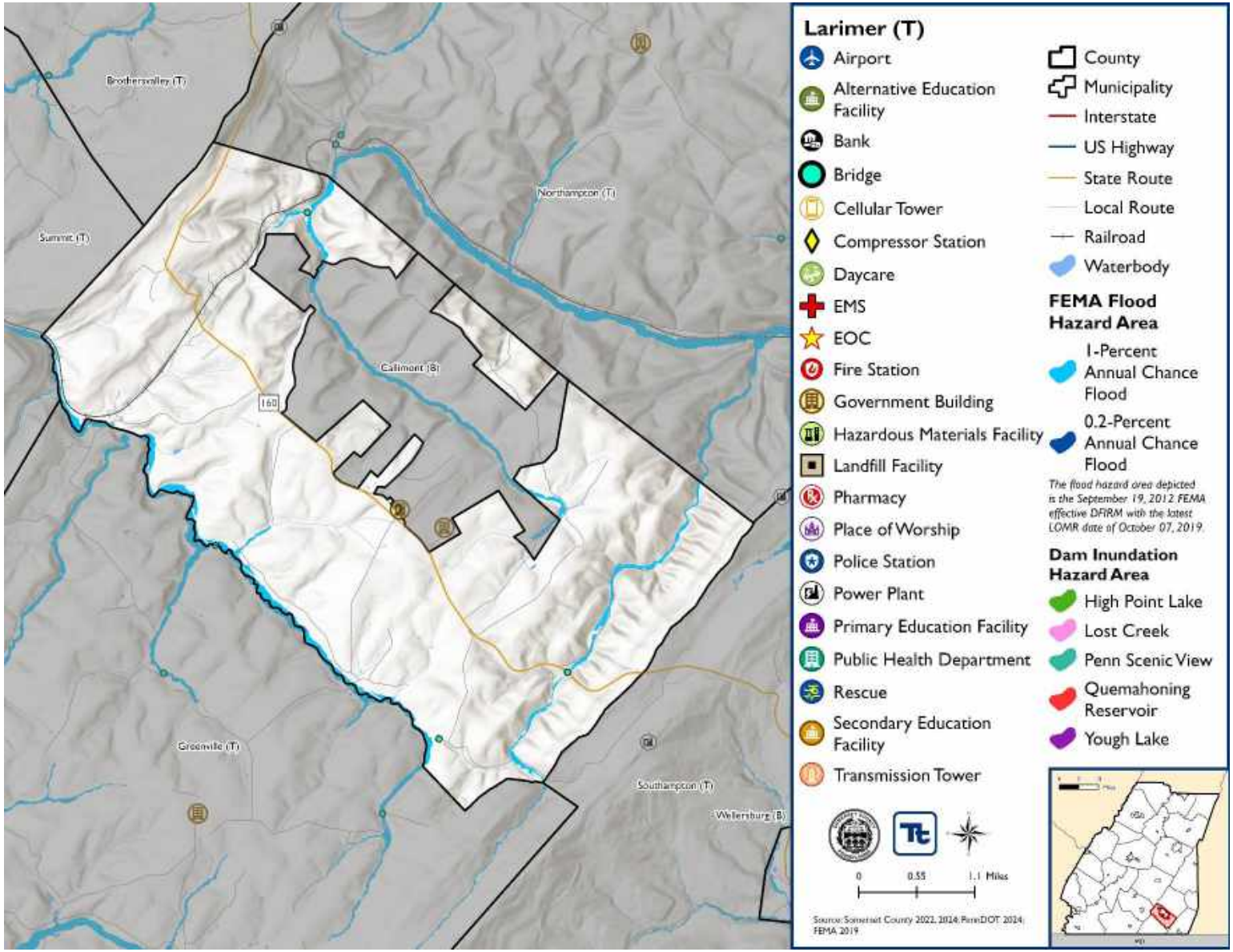


Figure Error! No text of specified style in document.**-24 FEMA Flood Hazard Map for Lincoln Township, PA**

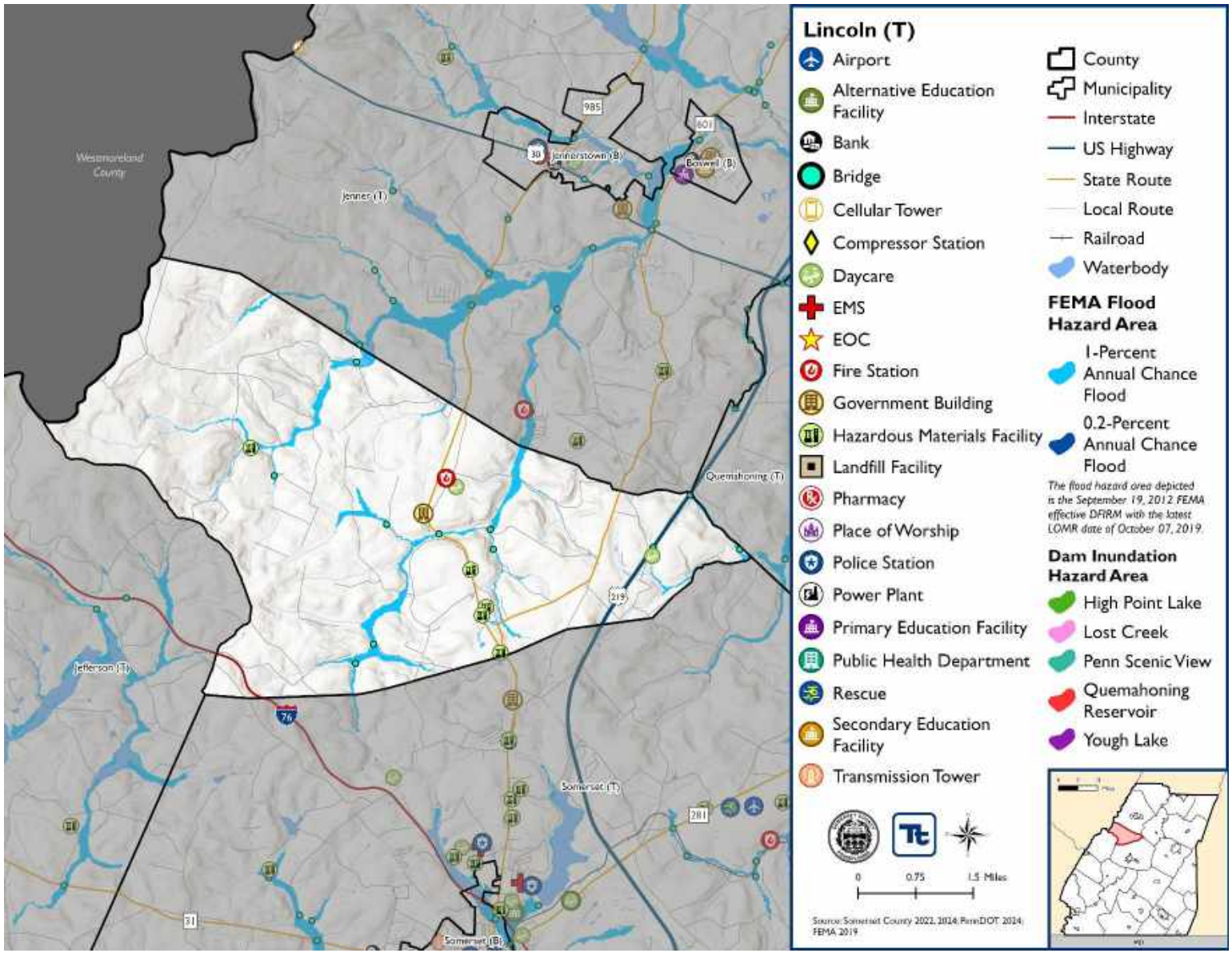


Figure Error! No text of specified style in document.**-25 FEMA Flood Hazard Map for Lower Turkeyfoot Township, PA**

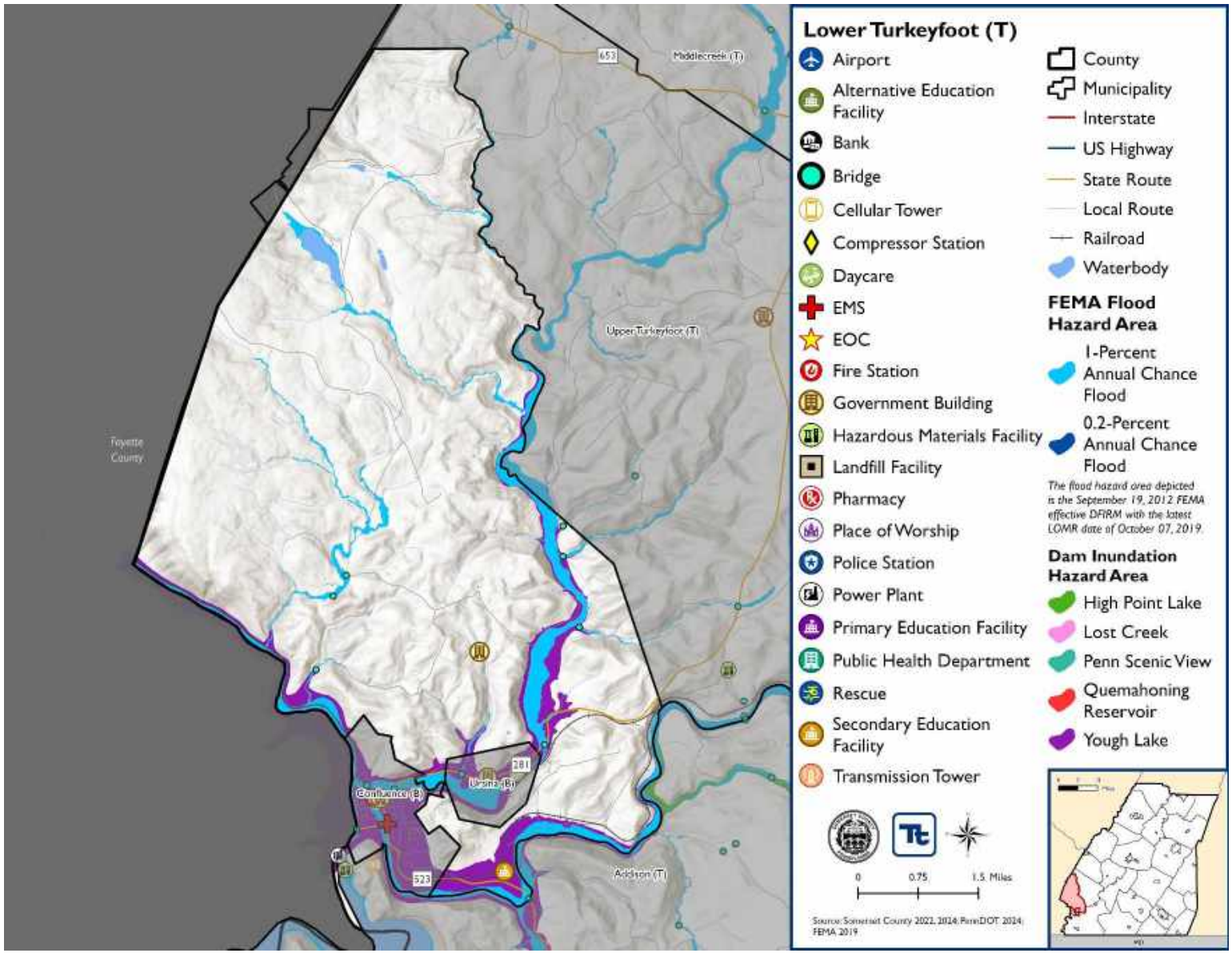


Figure Error! No text of specified style in document.**-26 FEMA Flood Hazard Map for Meyersdale Borough, PA**

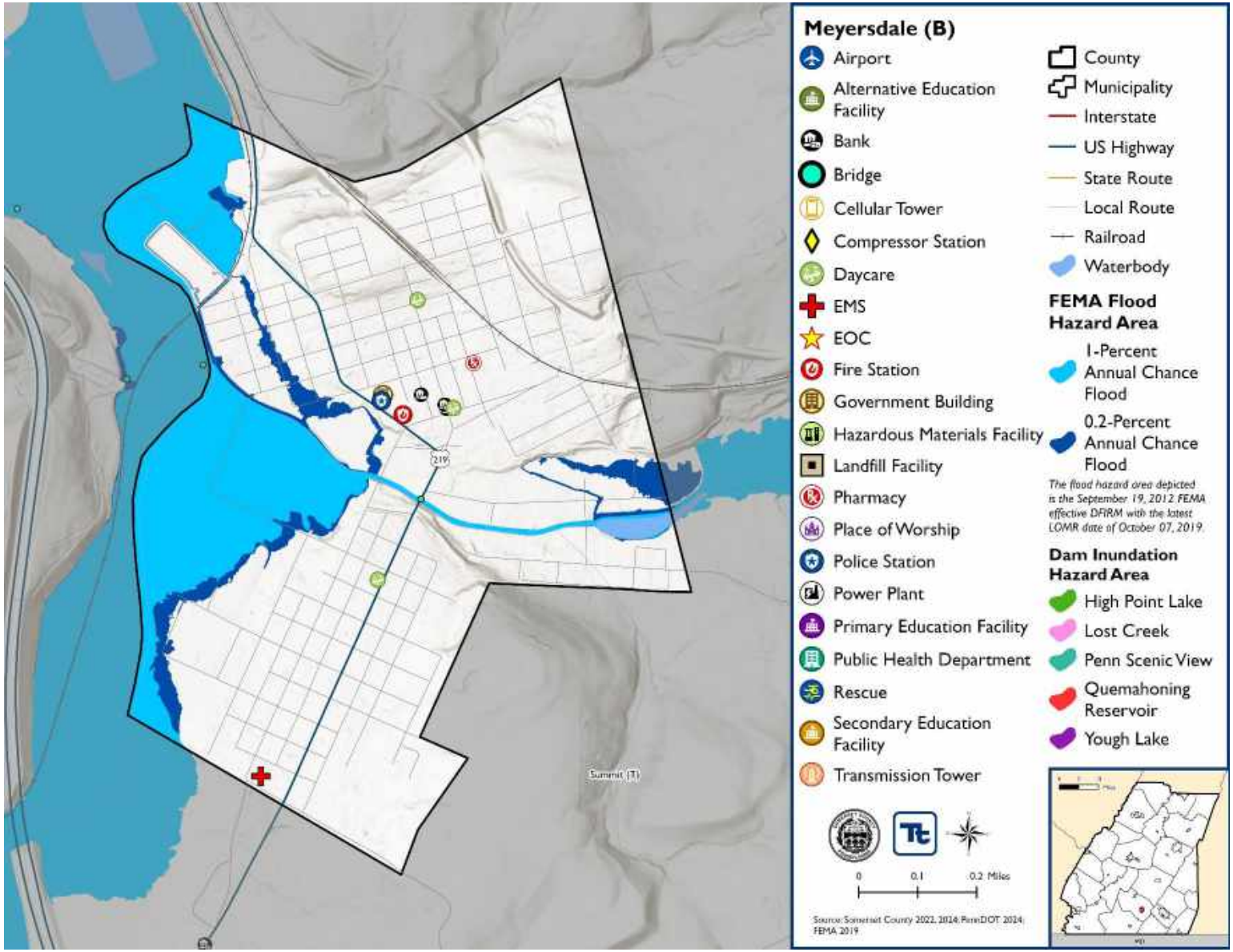


Figure Error! No text of specified style in document.**-27 FEMA Flood Hazard Map for Middlecreek Township, PA**

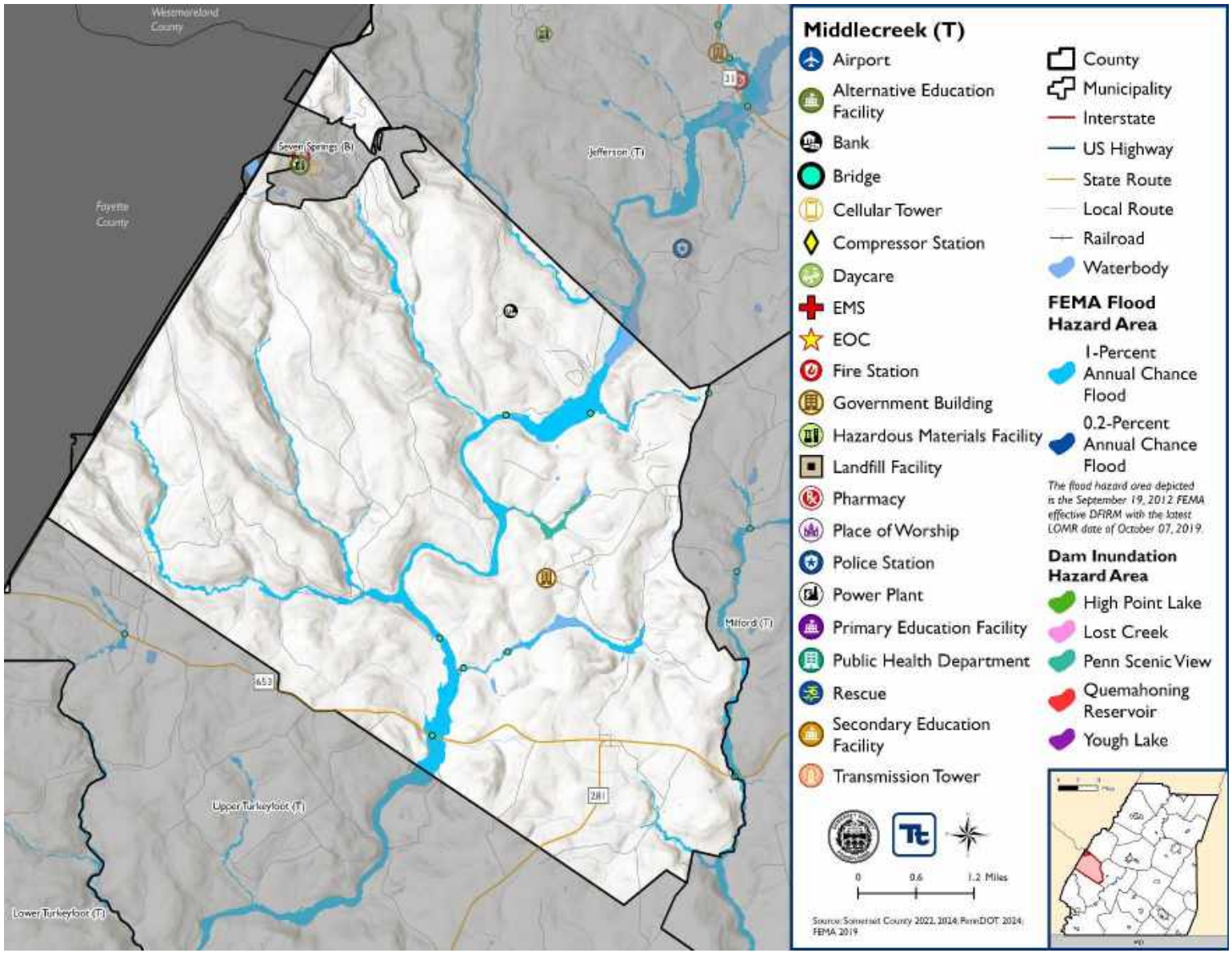


Figure Error! No text of specified style in document.**-28 FEMA Flood Hazard Map for Milford Township, PA**

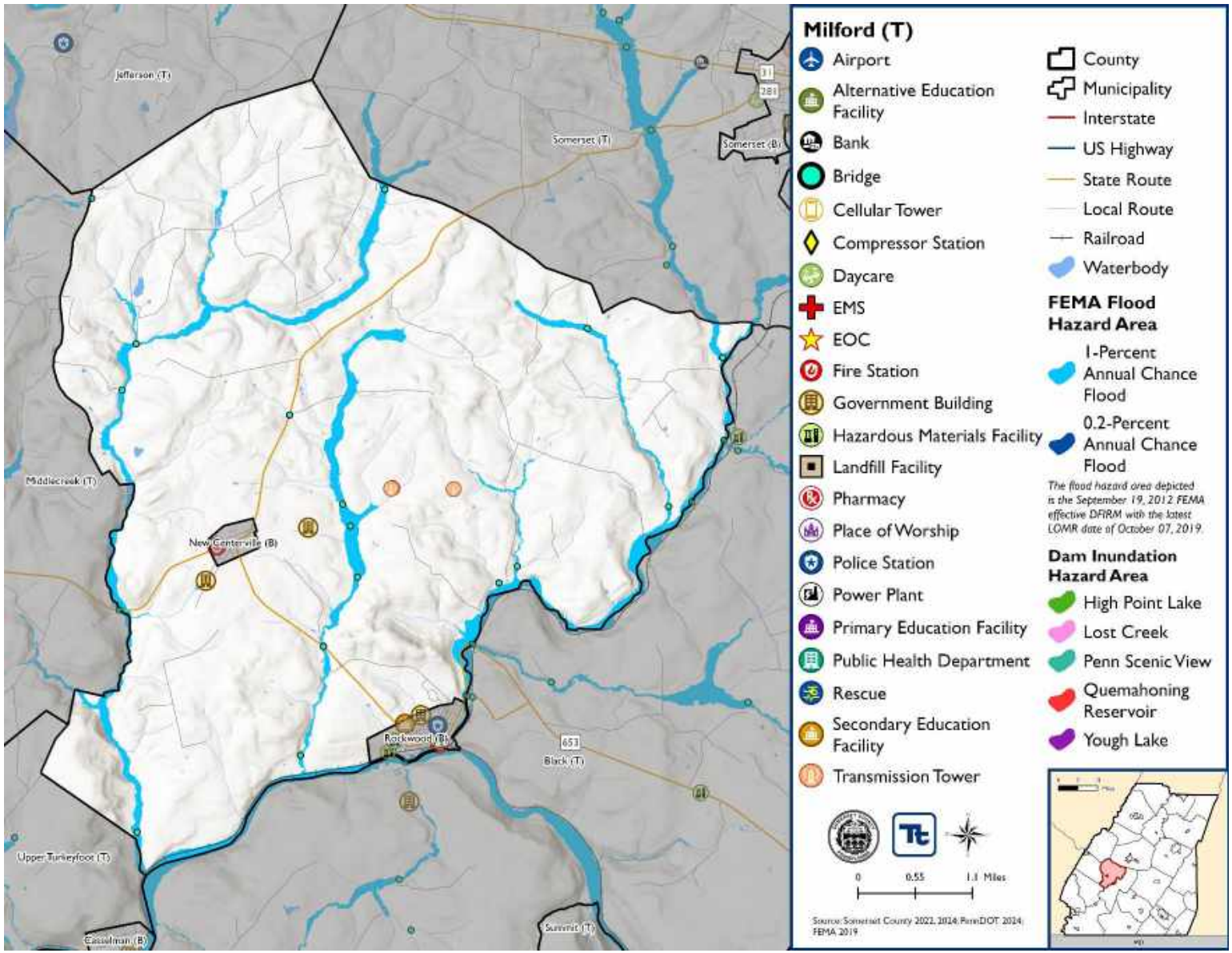


Figure Error! No text of specified style in document.**-29 FEMA Flood Hazard Map for New Baltimore Borough, PA**

Figure Error! No text of specified style in document.**-30 FEMA Flood Hazard Map for New Centerville Borough, PA**

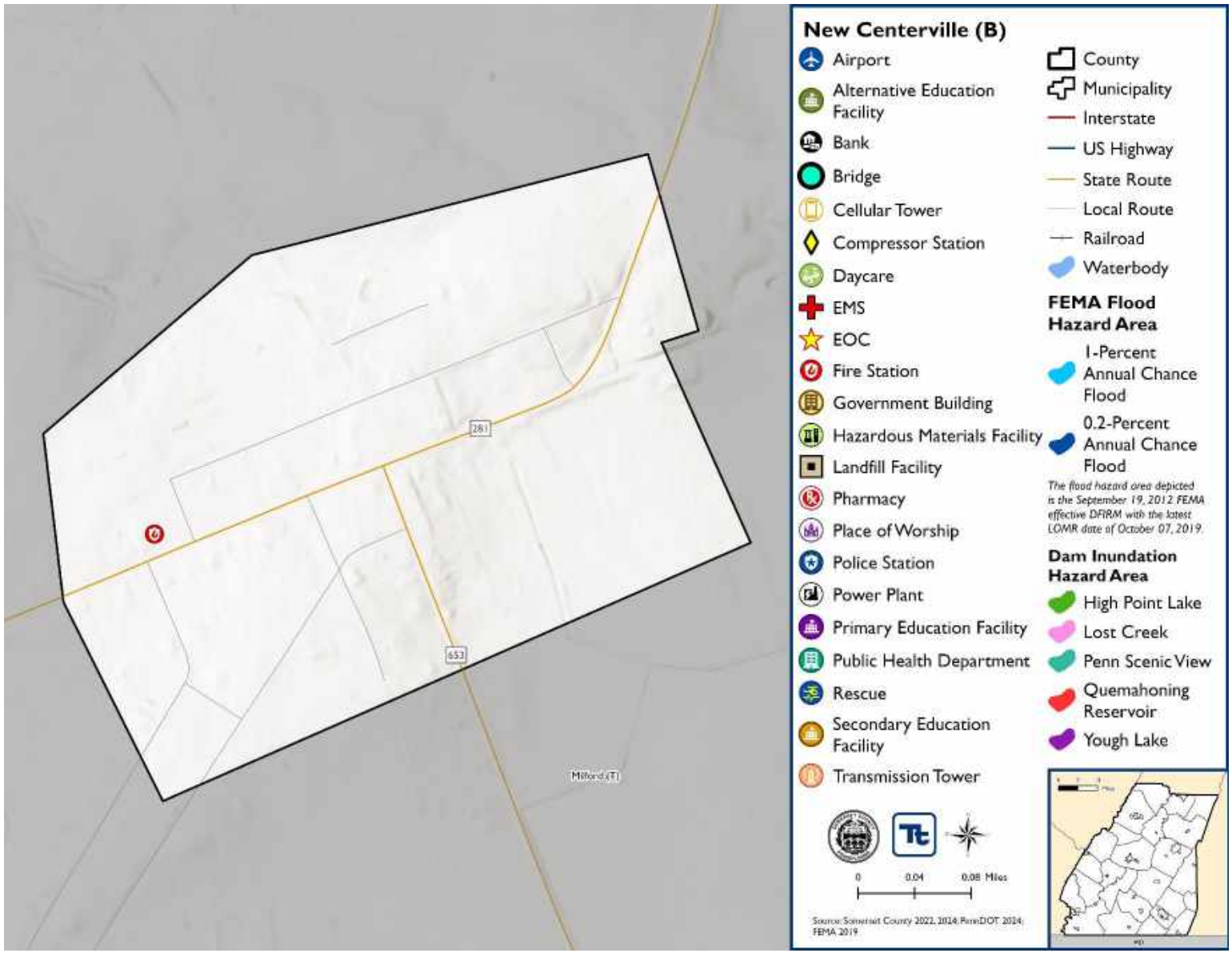


Figure Error! No text of specified style in document.**-31 FEMA Flood Hazard Map for Northampton Township, PA**

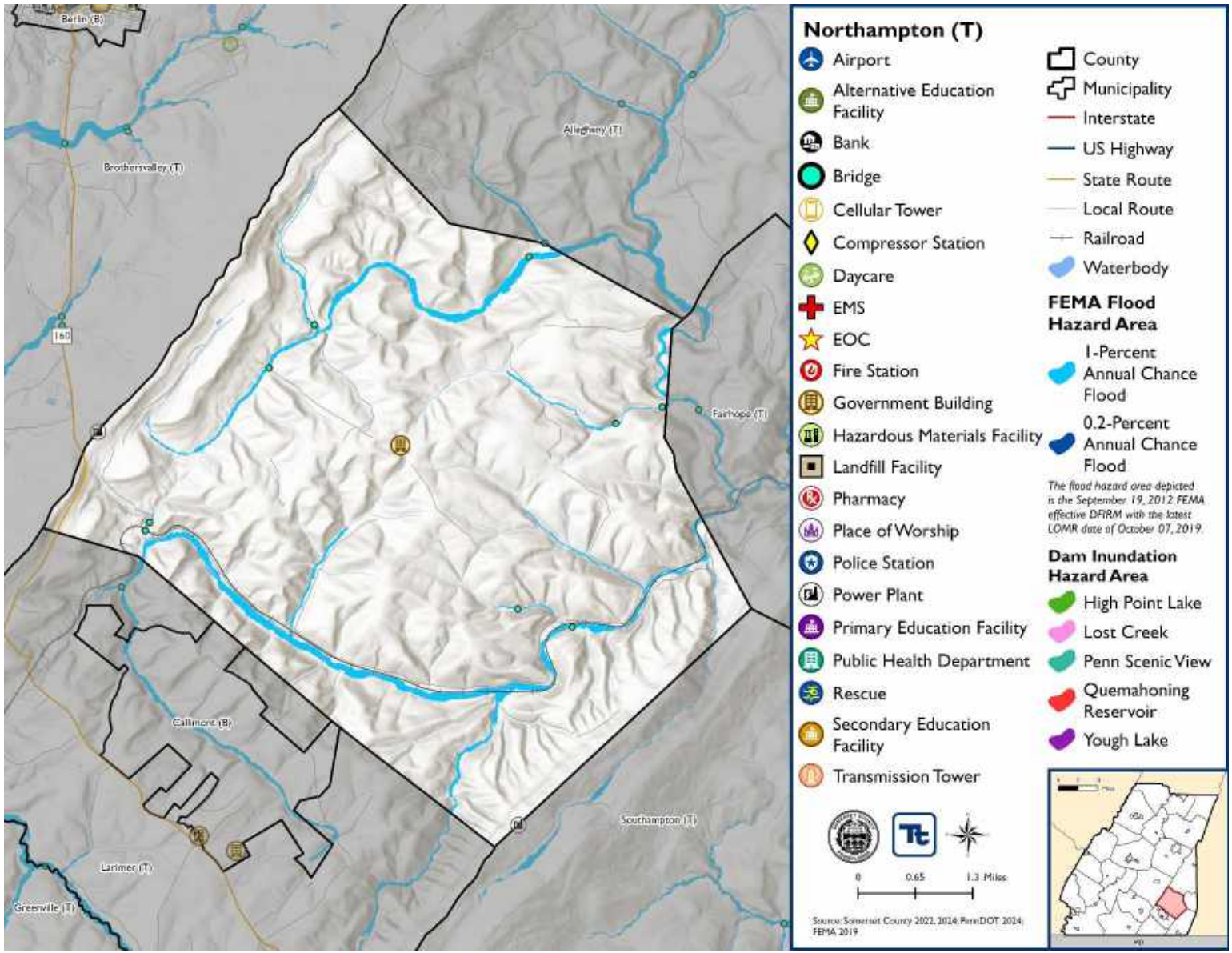


Figure Error! No text of specified style in document.**-32 FEMA Flood Hazard Map for Ogle Township, PA**

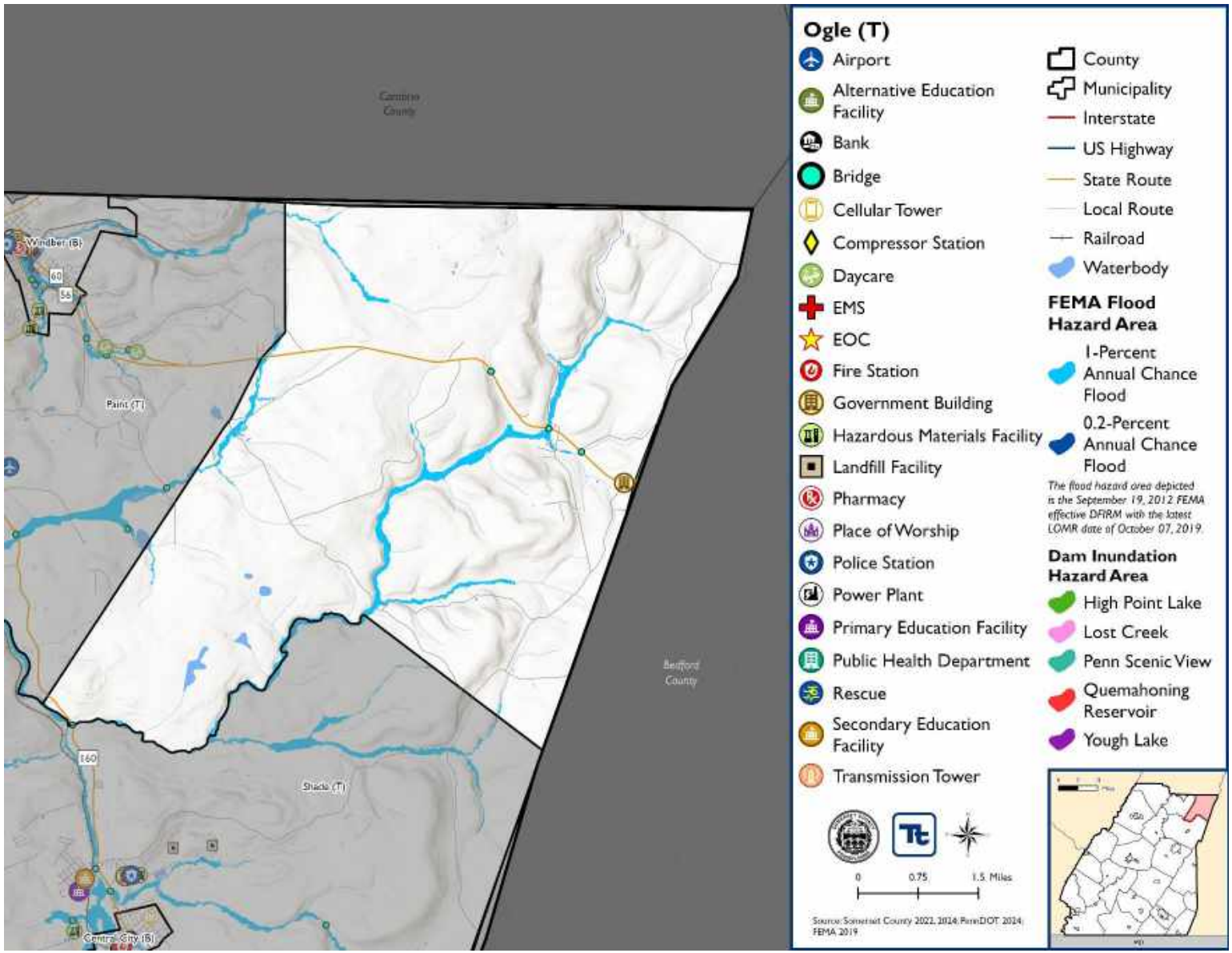


Figure Error! No text of specified style in document.**-33 FEMA Flood Hazard Map for Paint Borough, PA**

Figure Error! No text of specified style in document.**-34 FEMA Flood Hazard Map for Paint Township, PA**

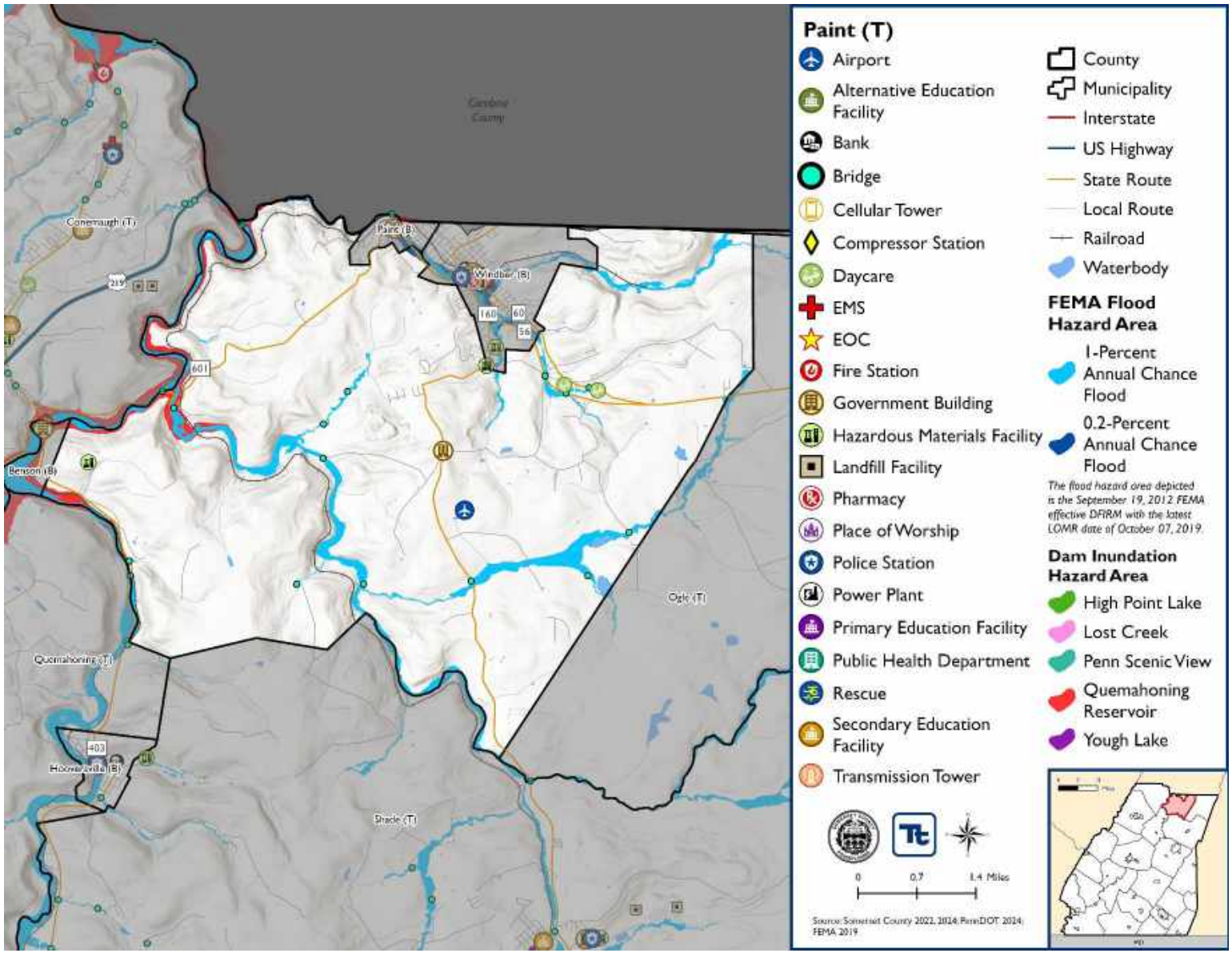


Figure Error! No text of specified style in document.**-35 FEMA Flood Hazard Map for Quemahoning Township, PA**

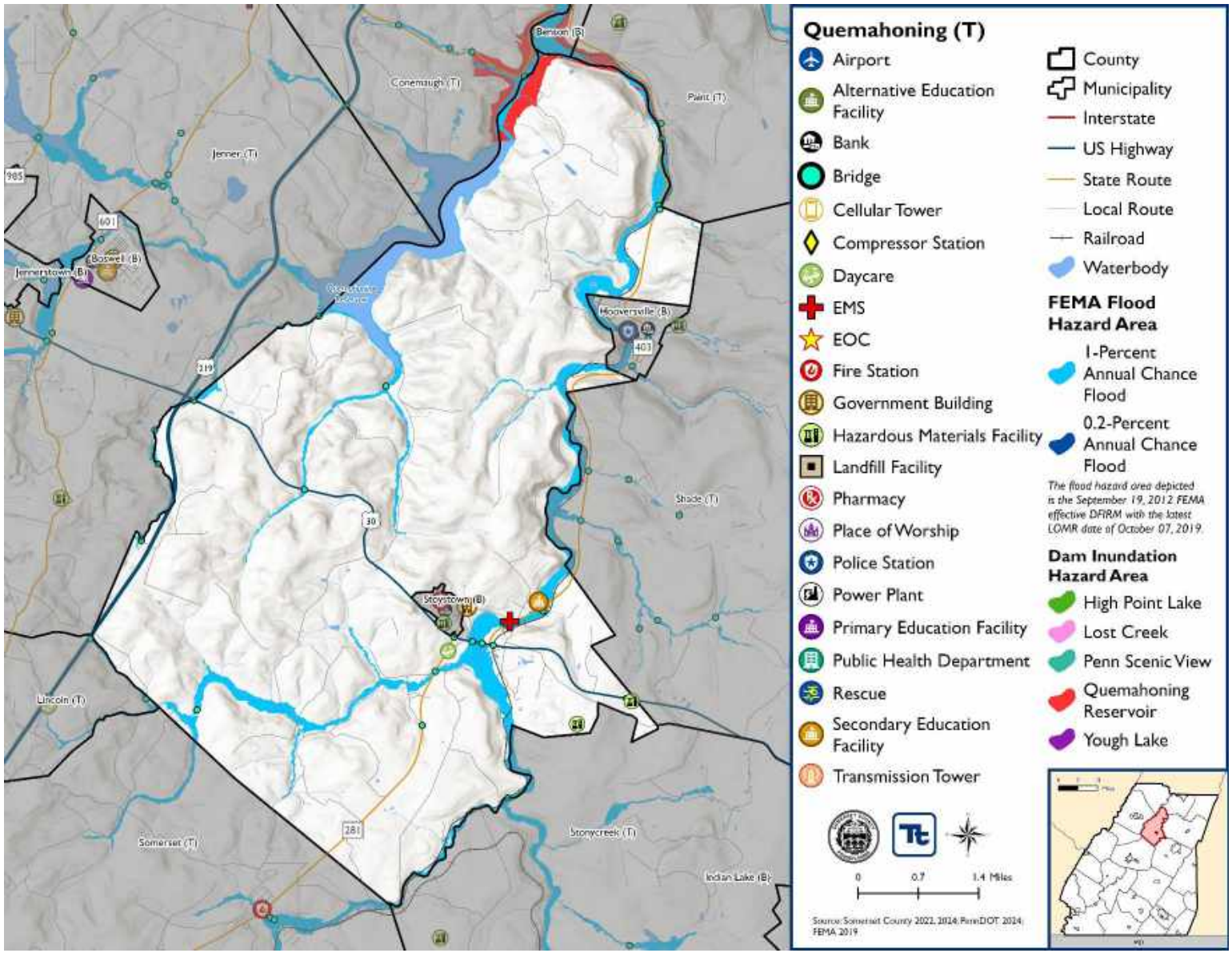


Figure Error! No text of specified style in document.**-36 FEMA Flood Hazard Map for Rockwood Borough, PA**

Figure Error! No text of specified style in document.**-37 FEMA Flood Hazard Map for Salisbury Borough, PA**

Figure Error! No text of specified style in document.**-38 FEMA Flood Hazard Map for Seven Springs Borough, PA**

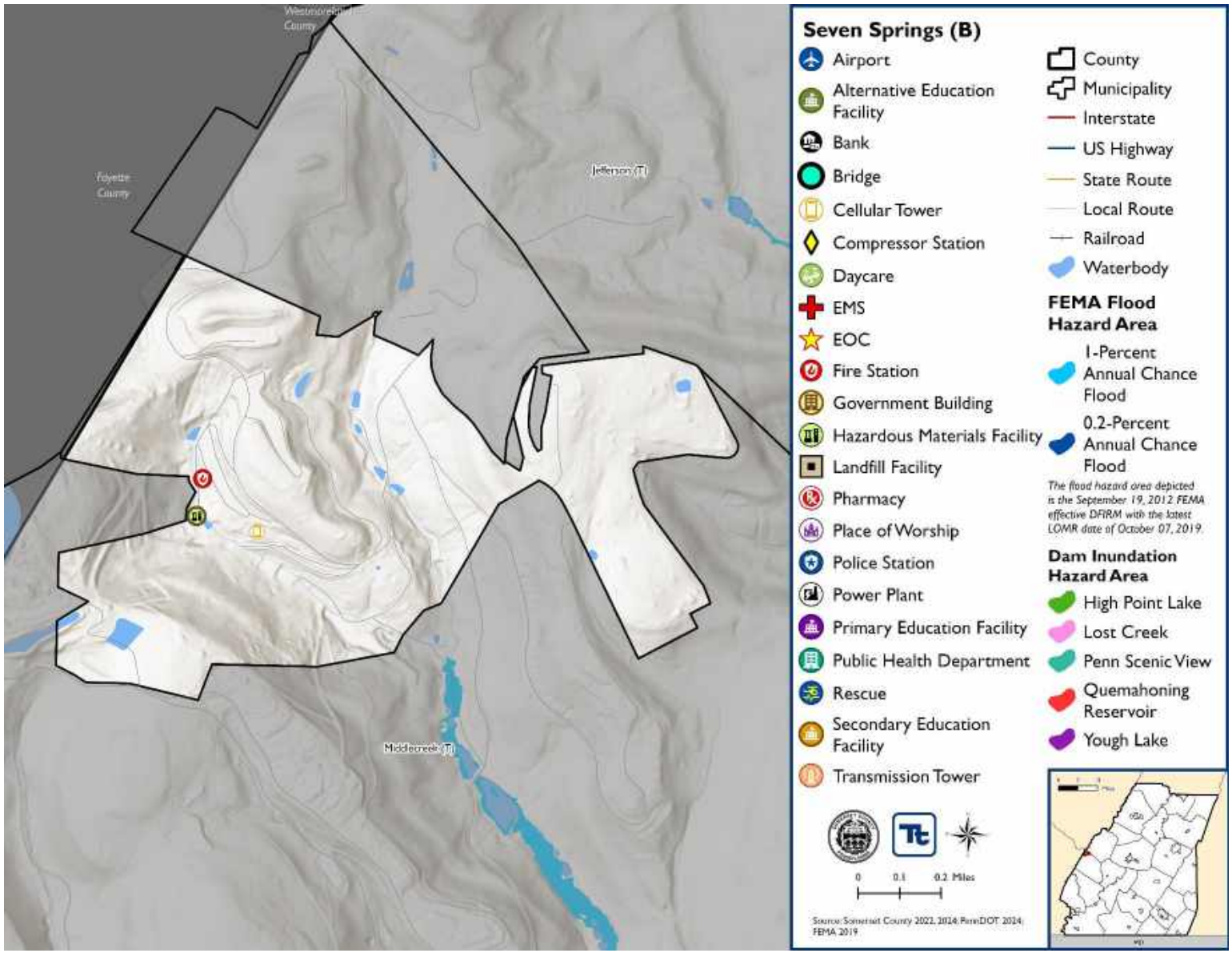


Figure Error! No text of specified style in document.**-39 FEMA Flood Hazard Map for Shade Township, PA**

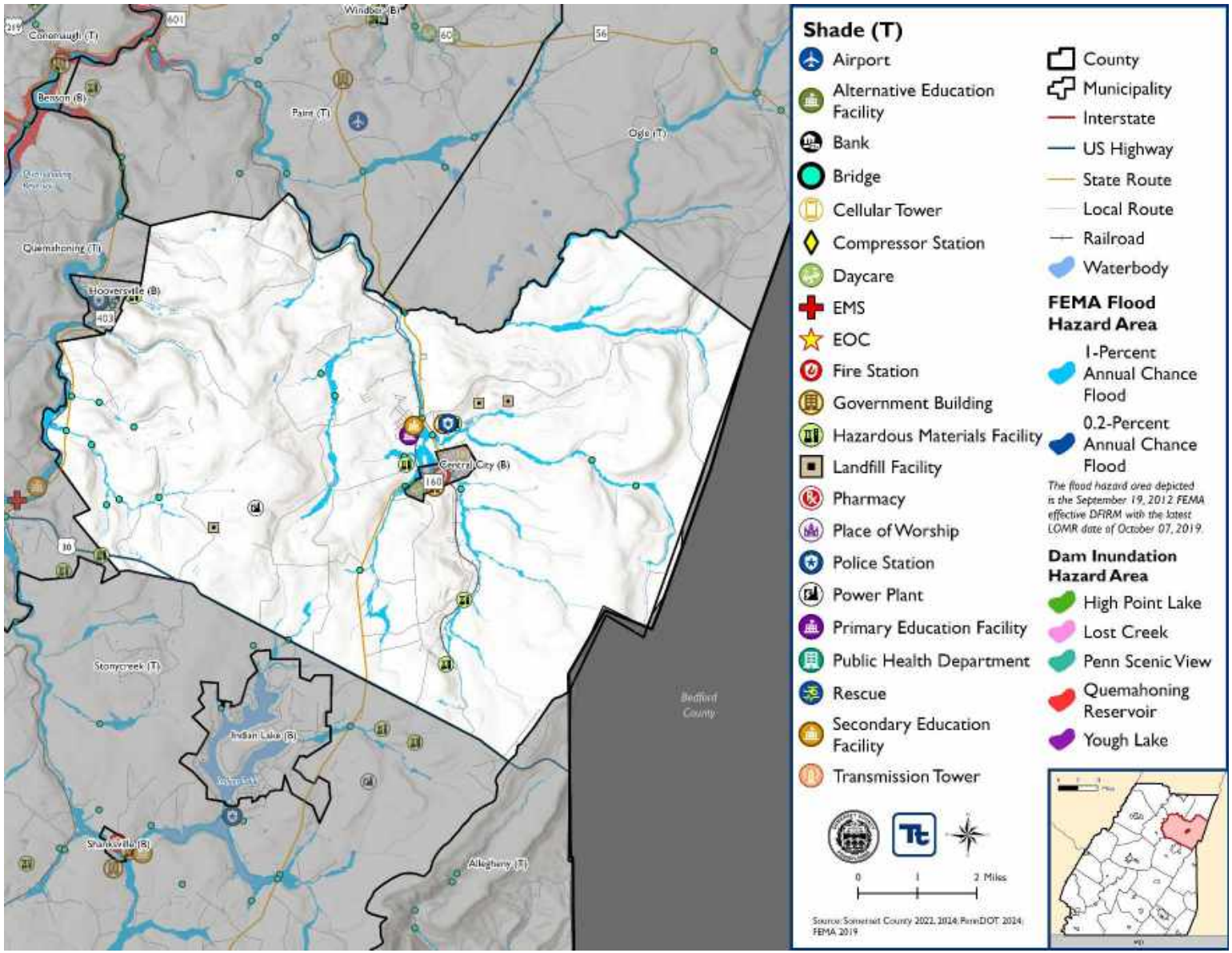


Figure Error! No text of specified style in document.**-40 FEMA Flood Hazard Map for Shanksville Borough, PA**

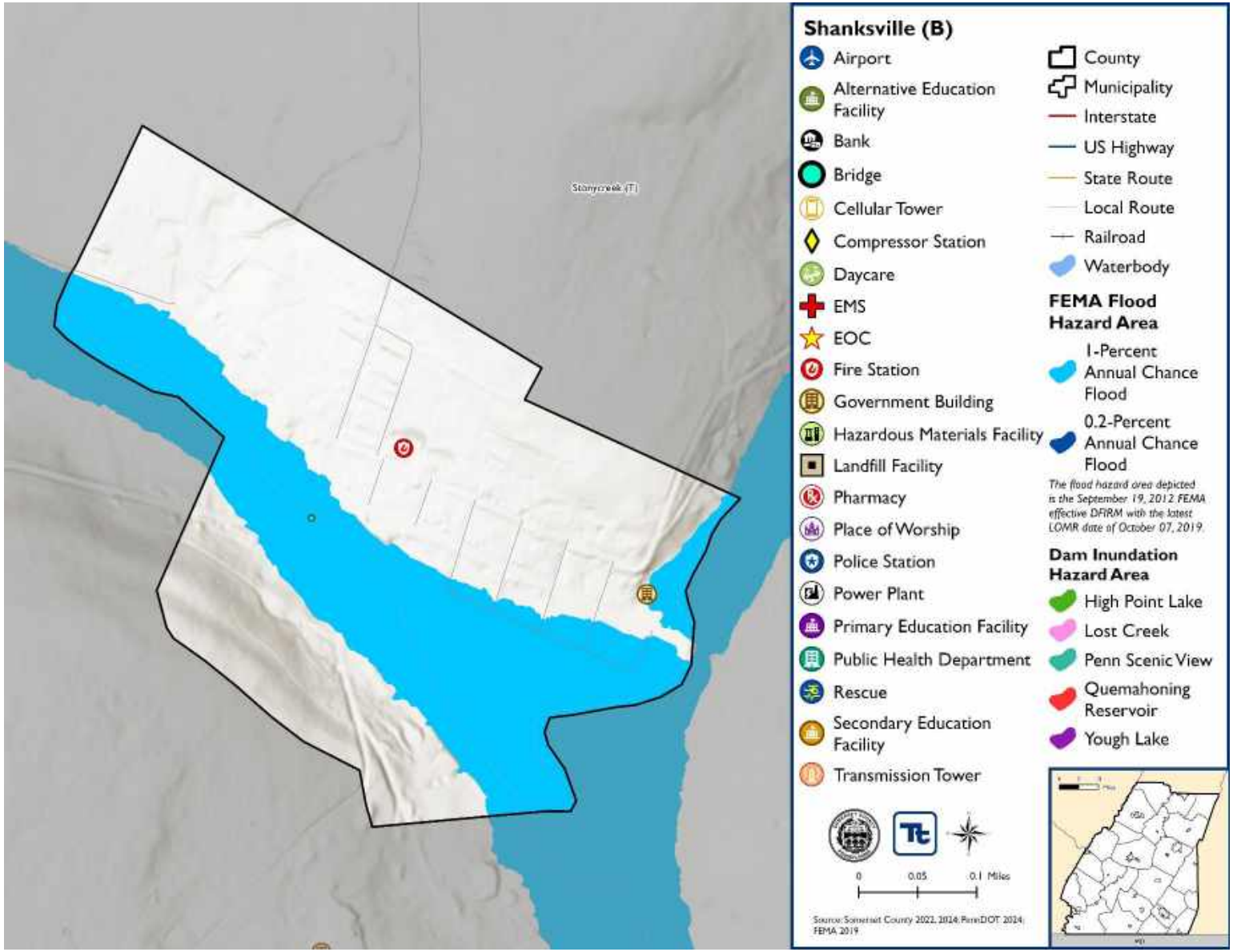


Figure Error! No text of specified style in document.**-41 FEMA Flood Hazard Map for Somerset Borough, PA**

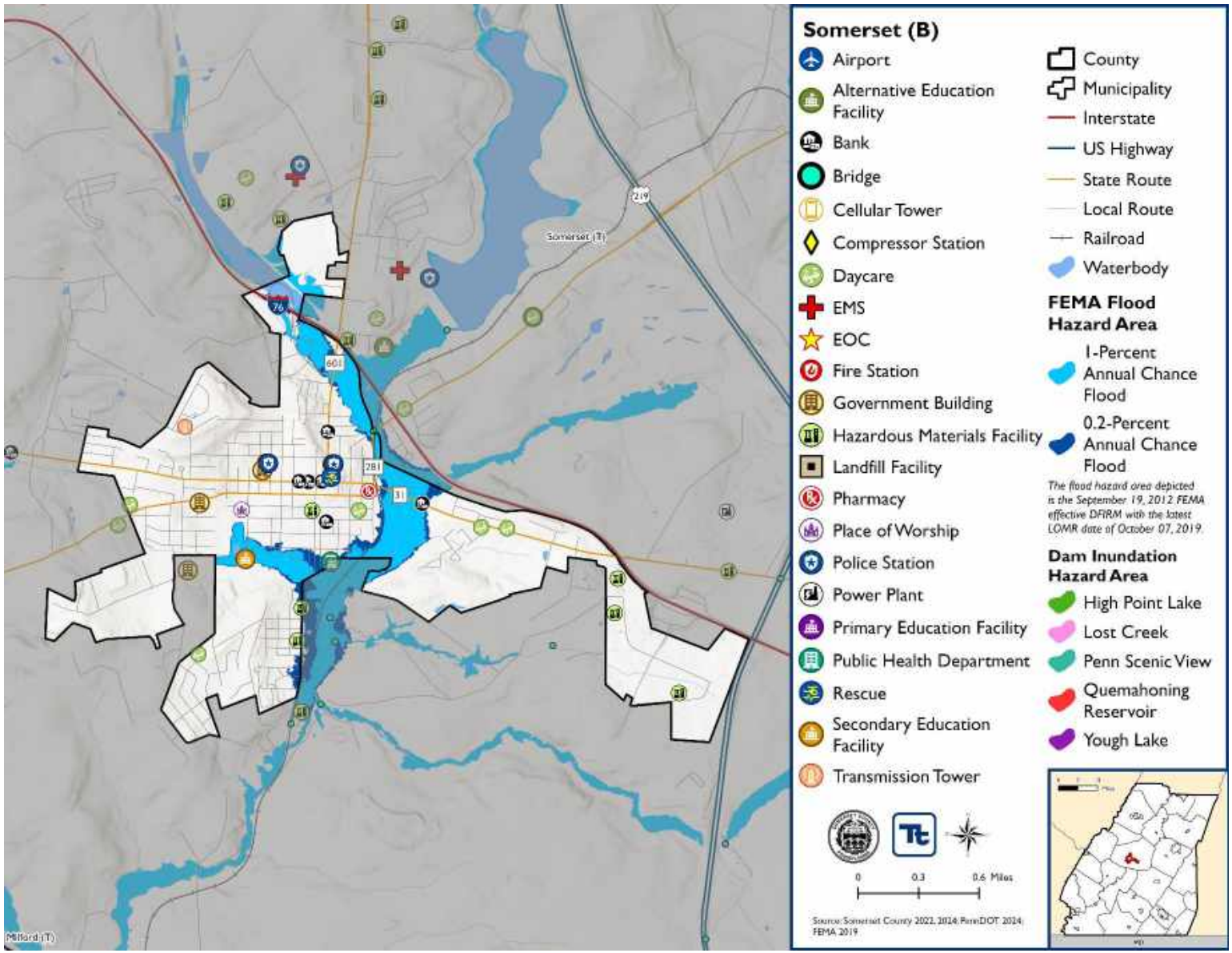


Figure Error! No text of specified style in document.**-42 FEMA Flood Hazard Map for Somerset Township, PA**

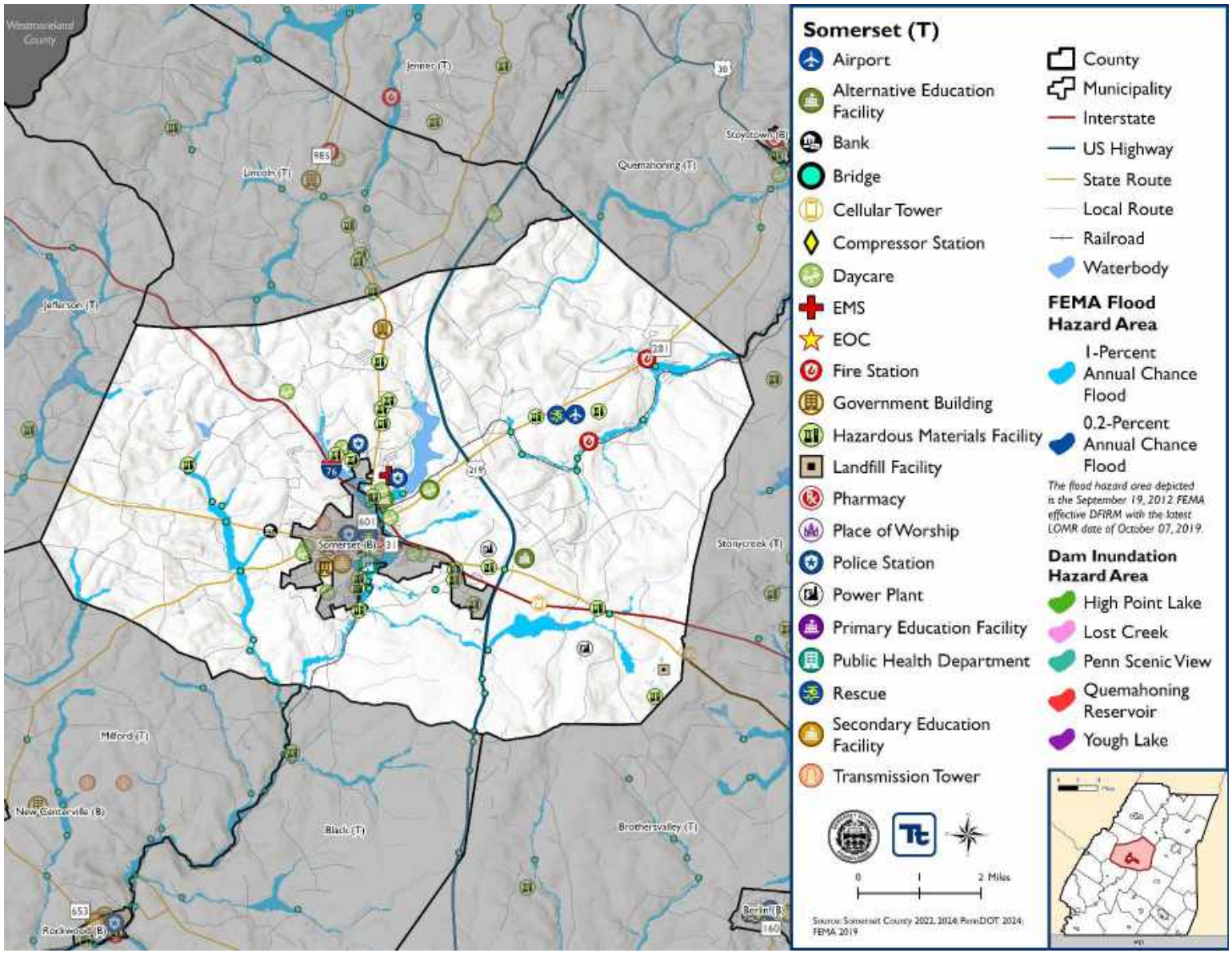


Figure Error! No text of specified style in document.**-43 FEMA Flood Hazard Map for Southampton Township, PA**

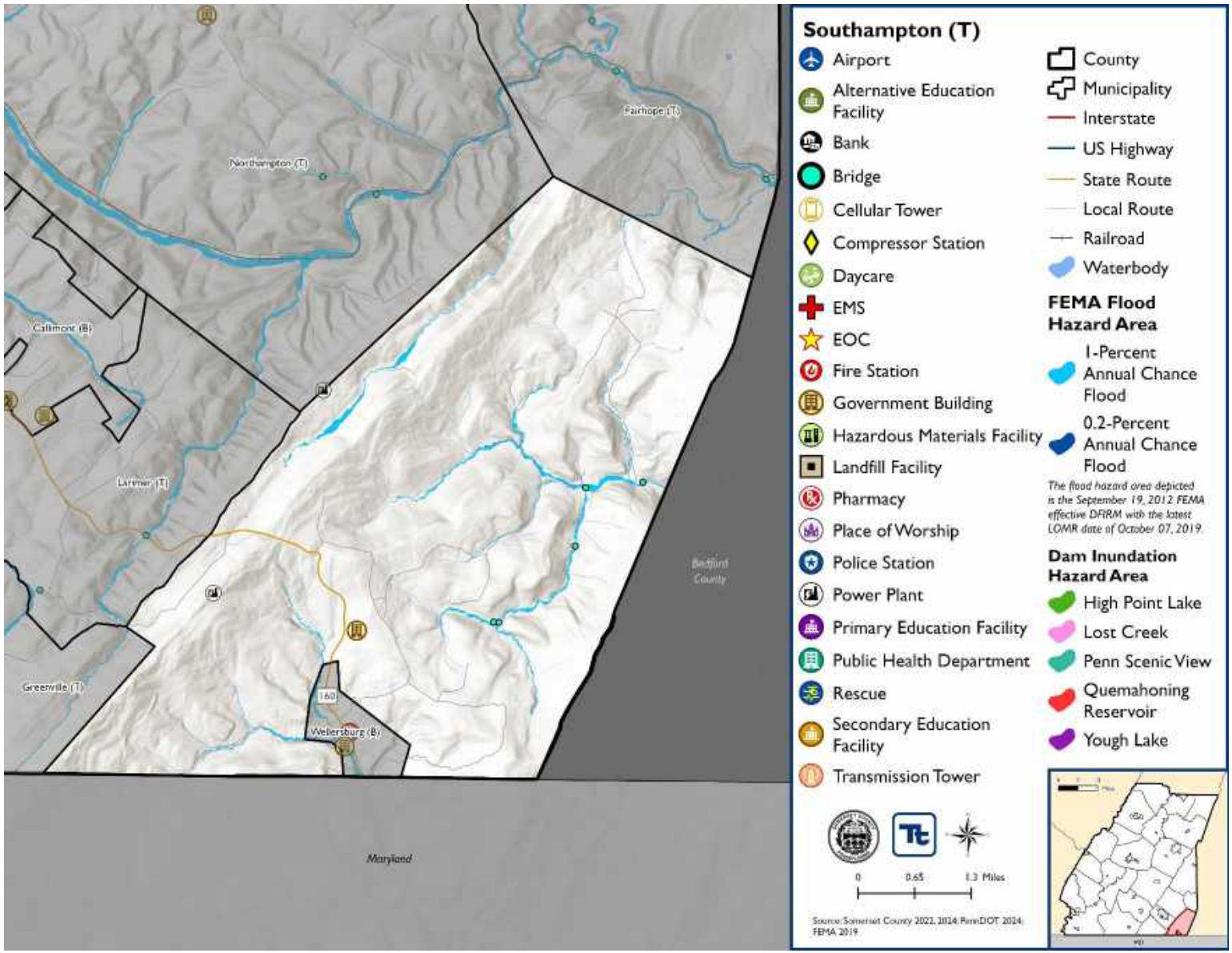


Figure Error! No text of specified style in document.**-44 FEMA Flood Hazard Map for Stonycreek Township, PA**

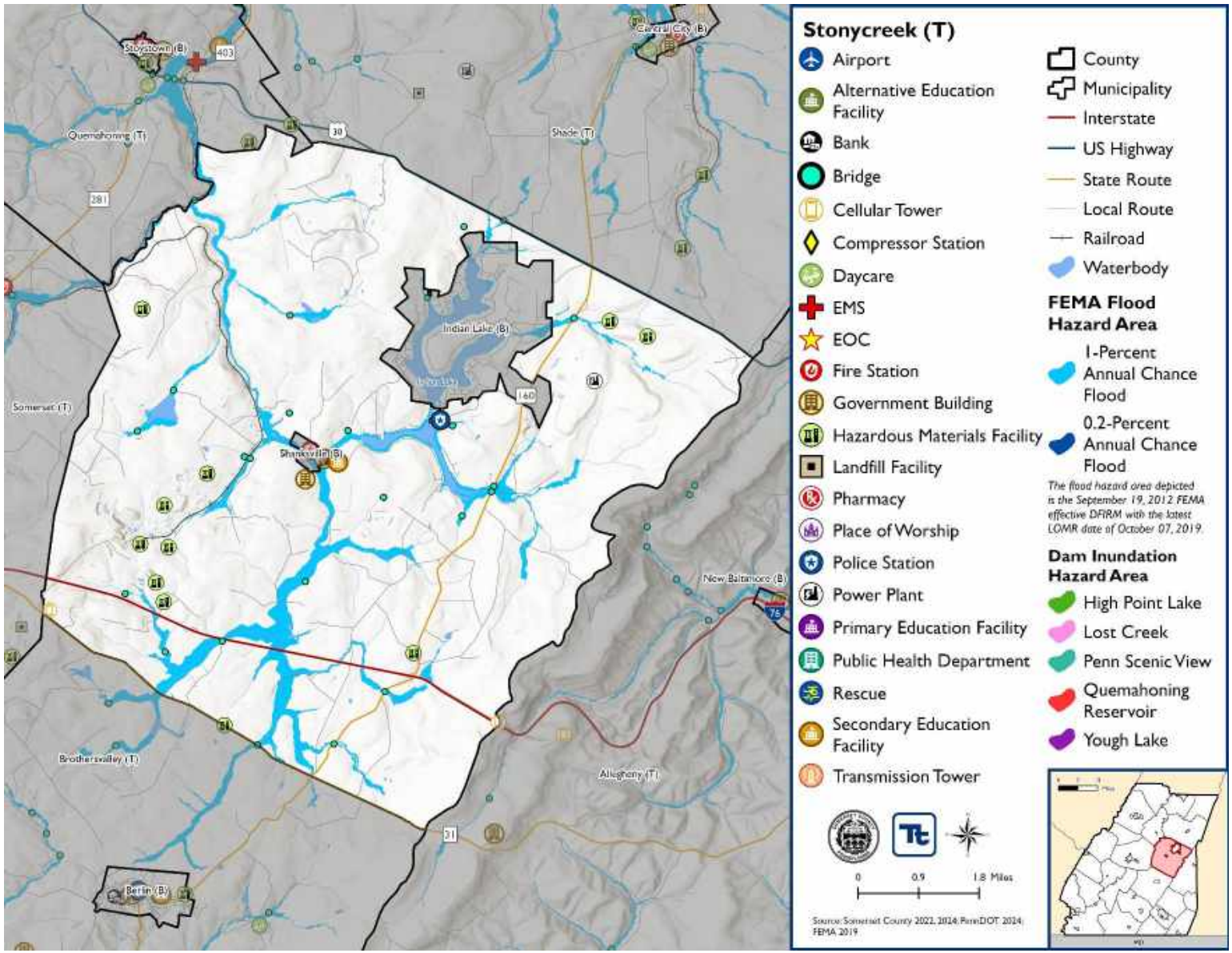


Figure Error! No text of specified style in document.**-45 FEMA Flood Hazard Map for Stoystown Borough, PA**

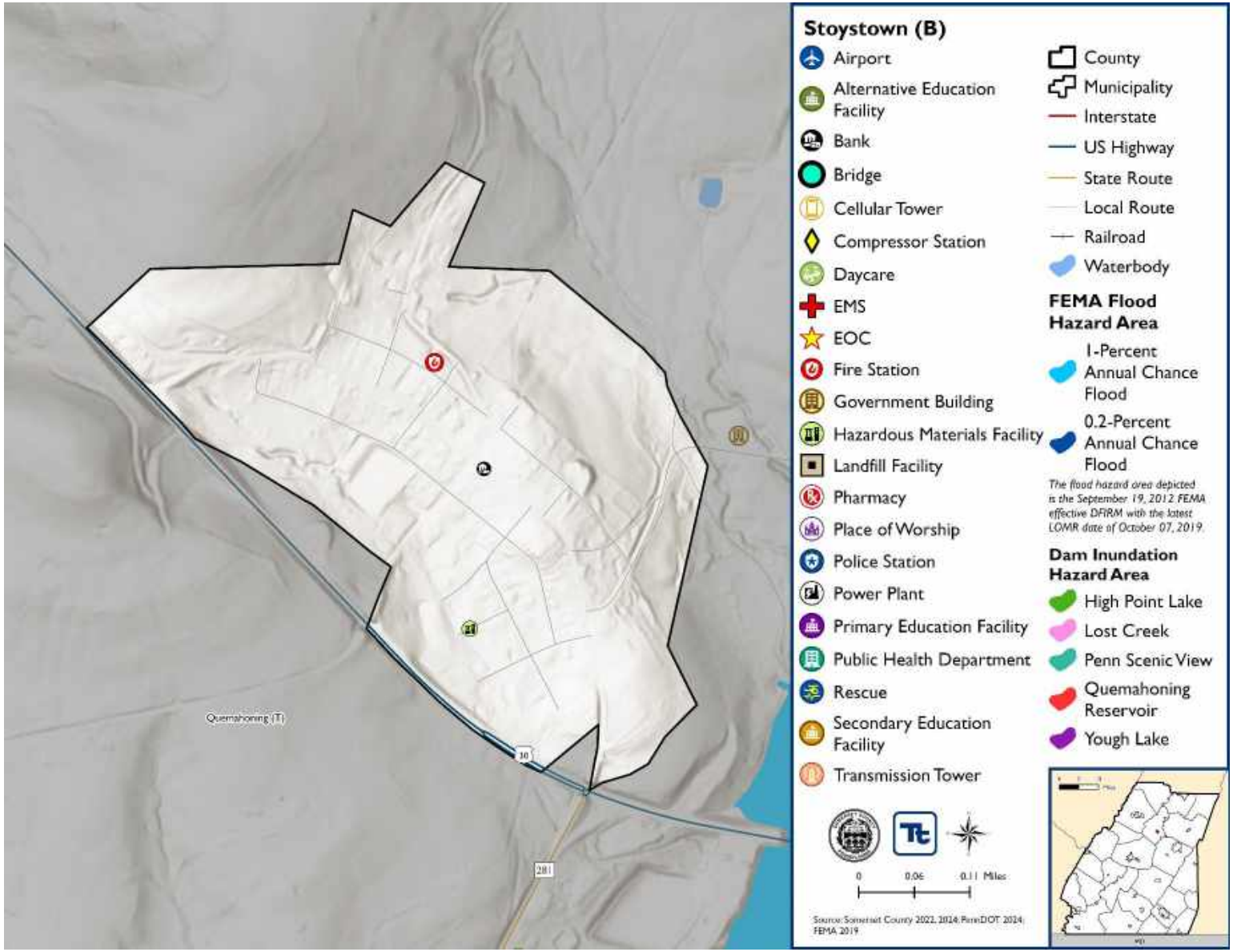


Figure Error! No text of specified style in document.**-46 FEMA Flood Hazard Map for Summit Township, PA**

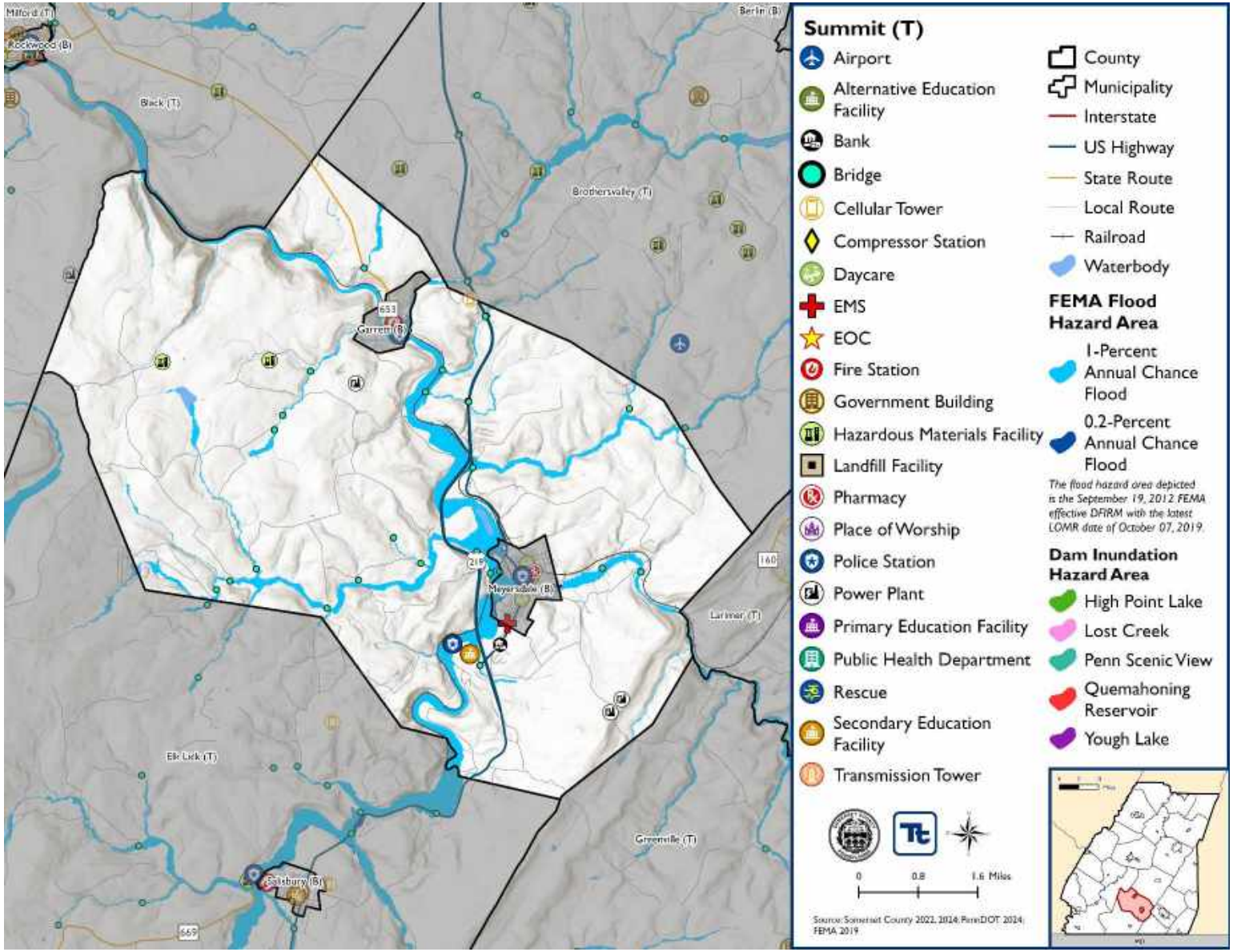


Figure Error! No text of specified style in document.**-47 FEMA Flood Hazard Map for Upper Turkeyfoot Township, PA**

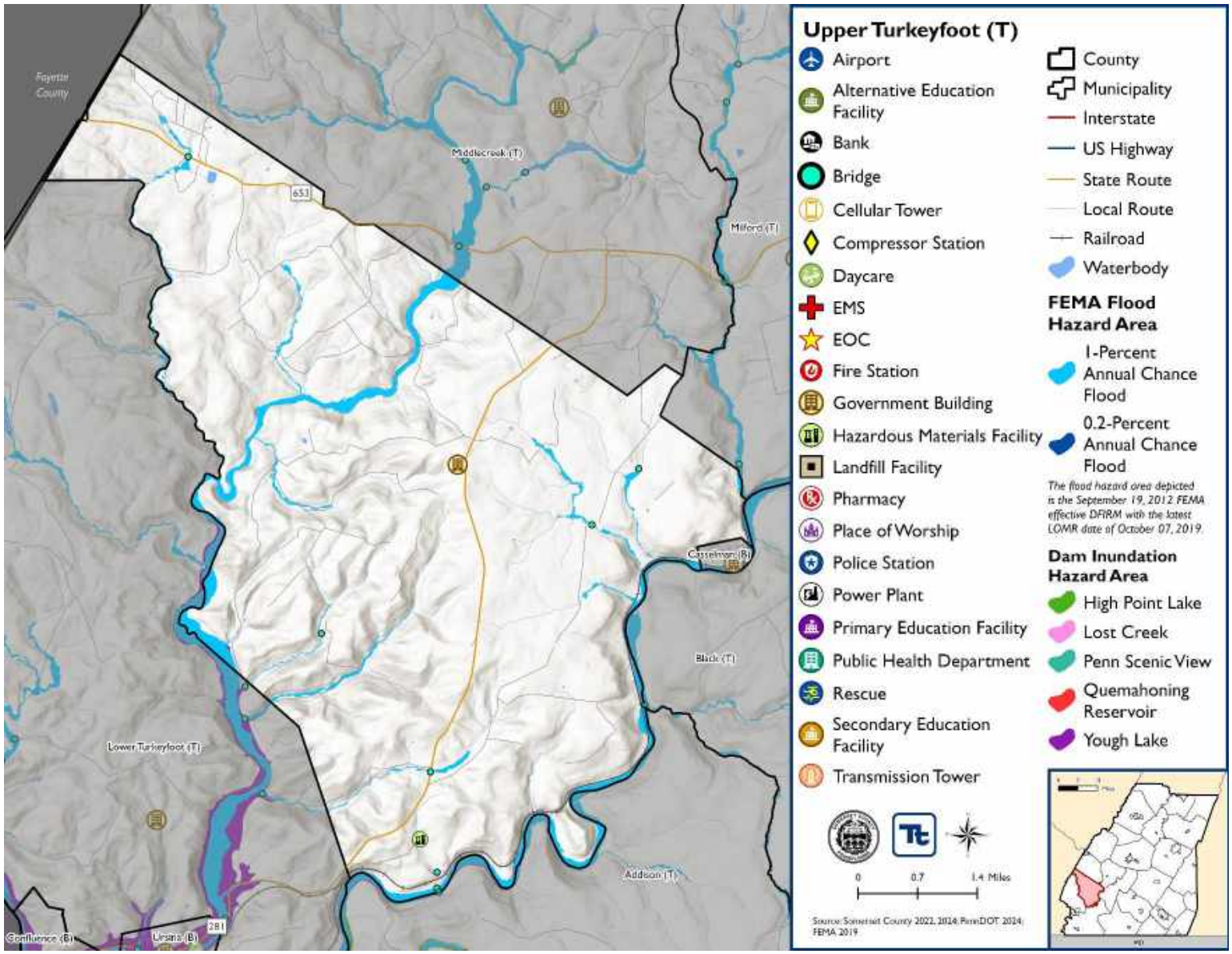


Figure Error! No text of specified style in document.**-48 FEMA Flood Hazard Map for Ursina Borough, PA**

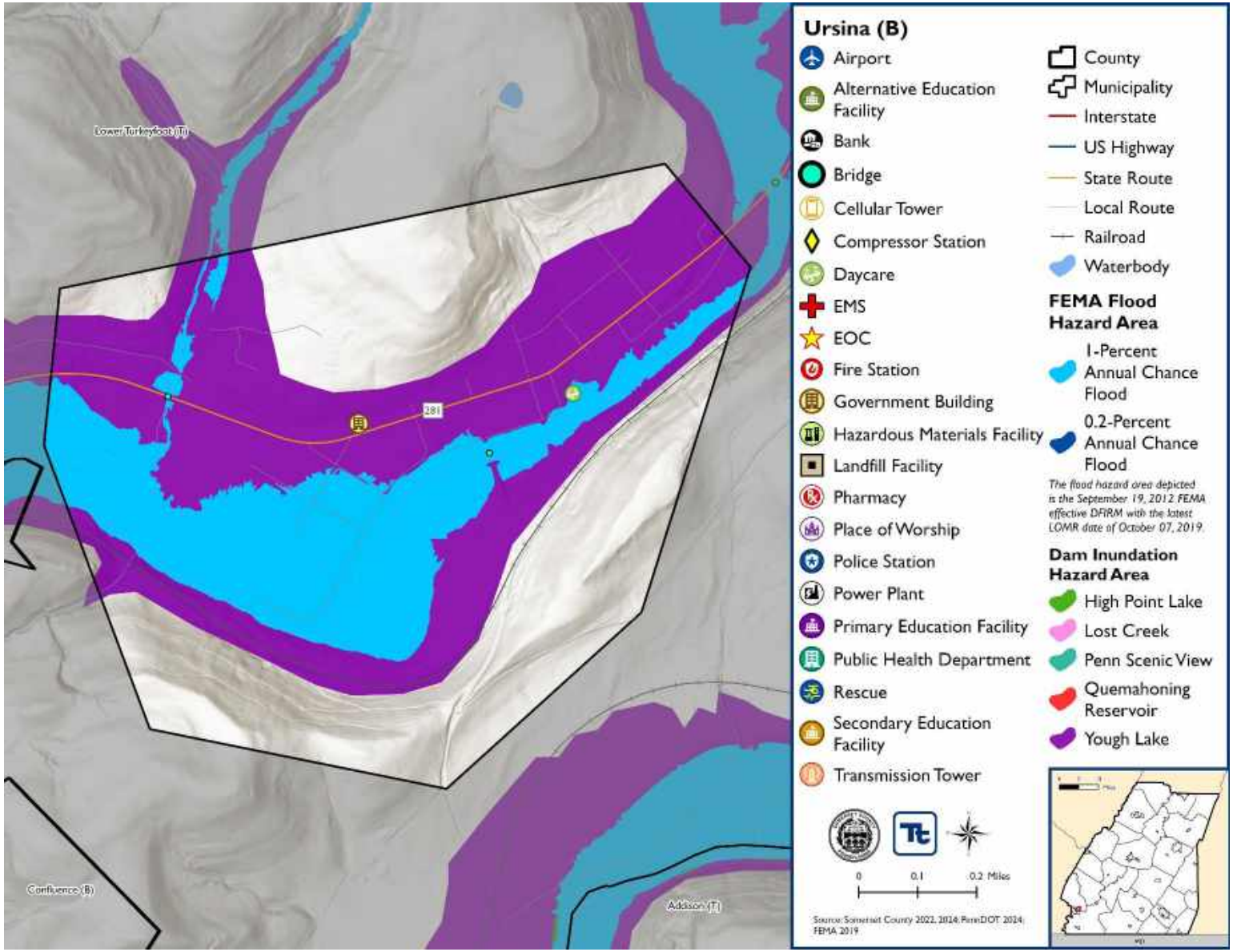


Figure Error! No text of specified style in document.**-49 FEMA Flood Hazard Map for Wellersburg Borough, PA**

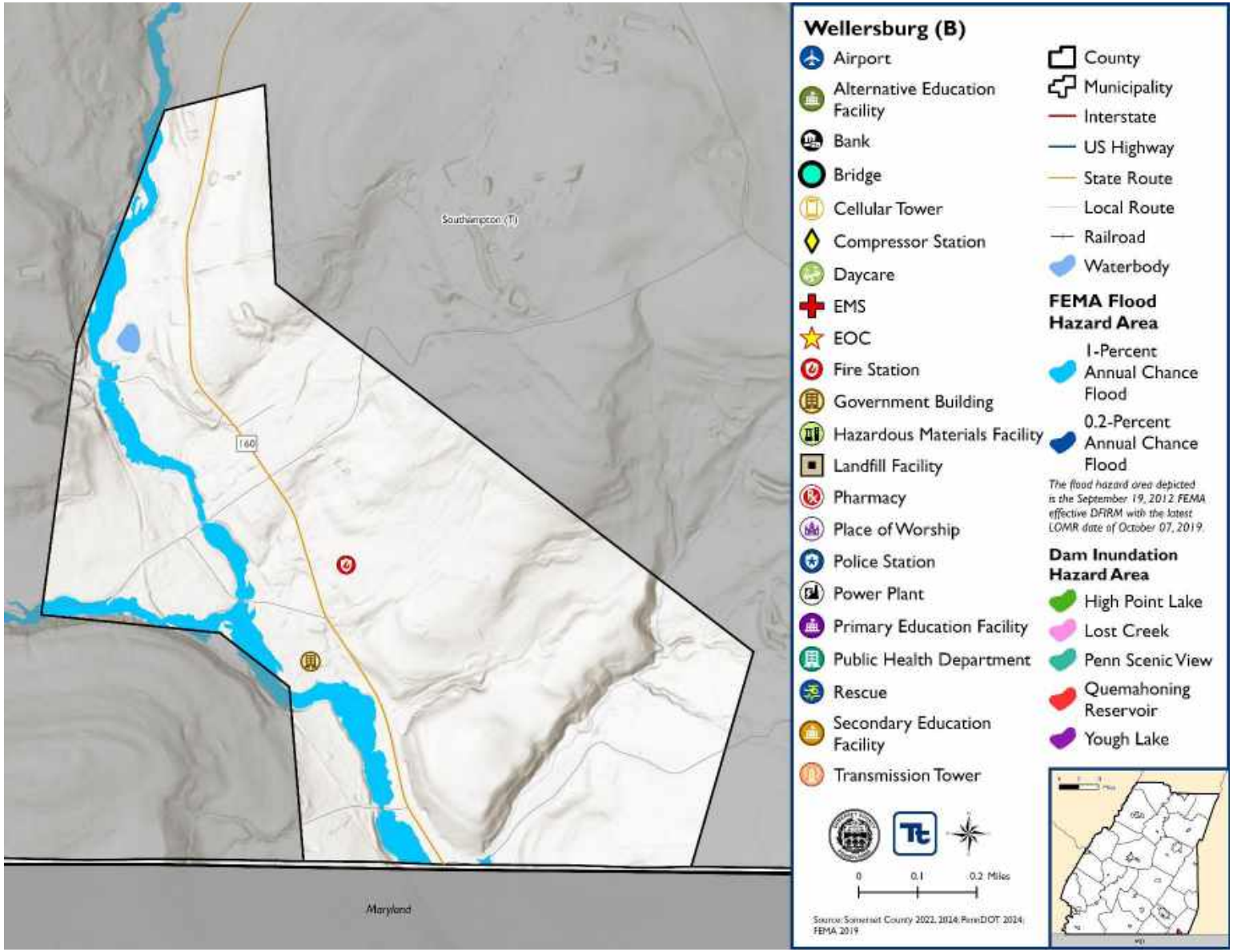
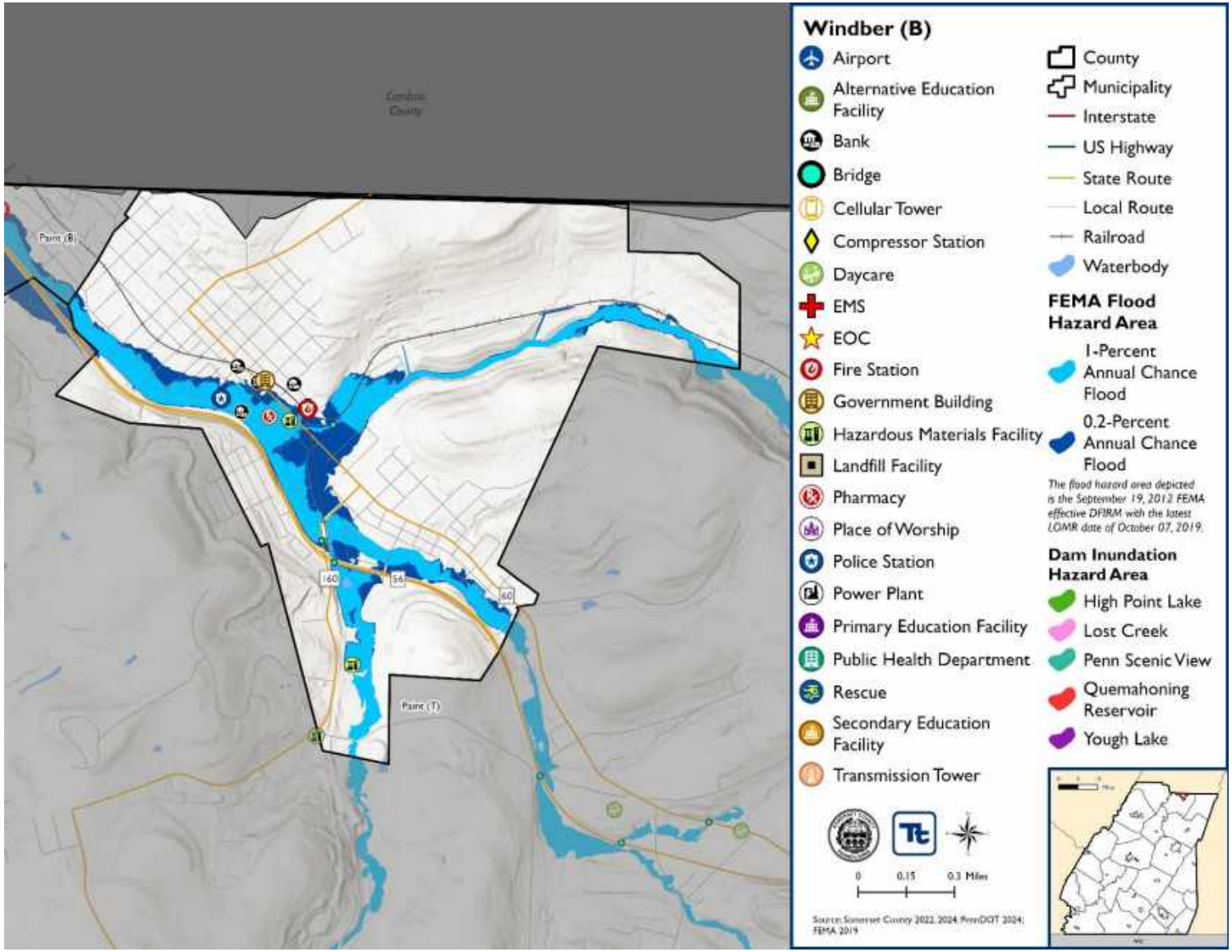


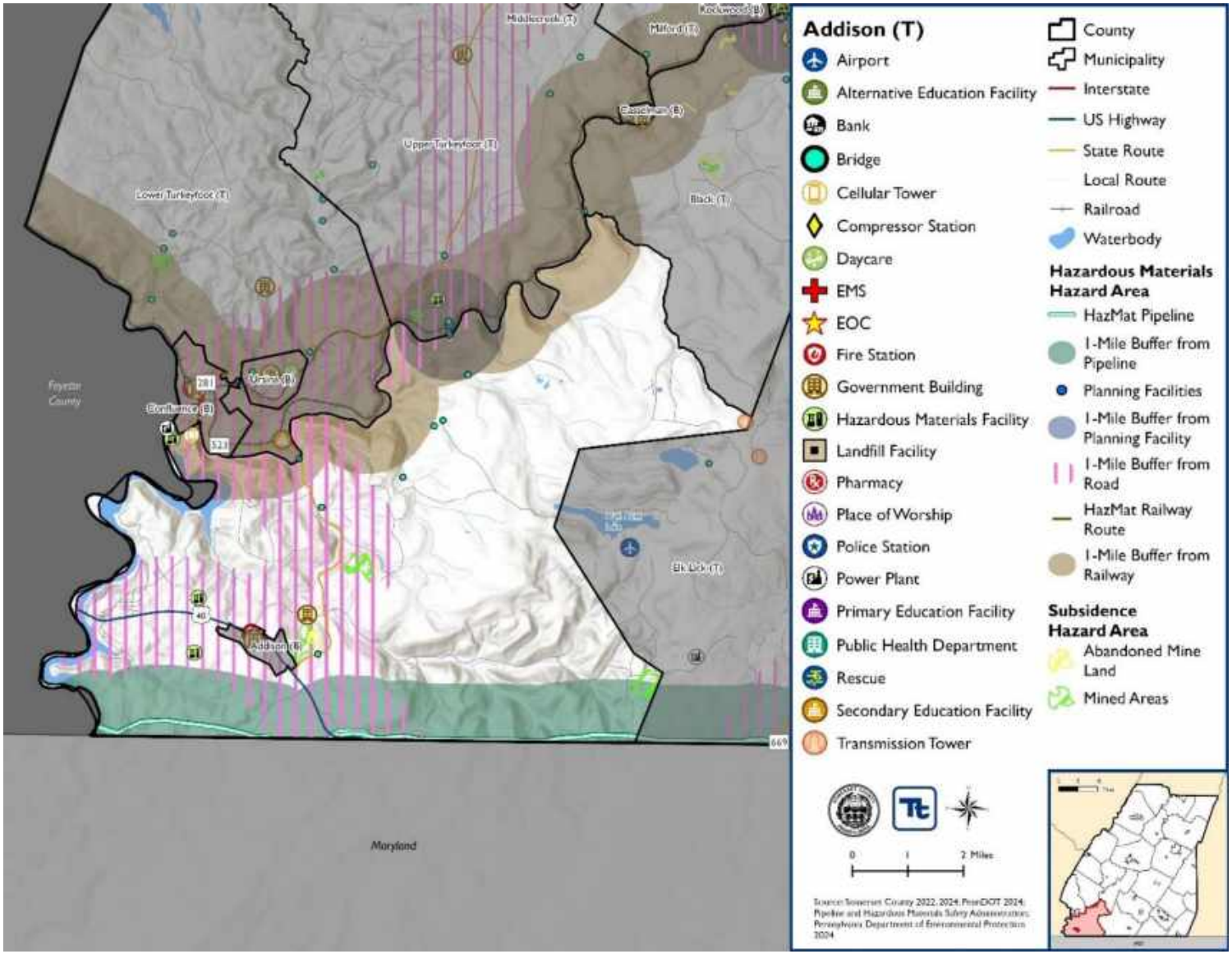
Figure Error! No text of specified style in document.**-50 FEMA Flood Hazard Map for Windber Borough, PA**



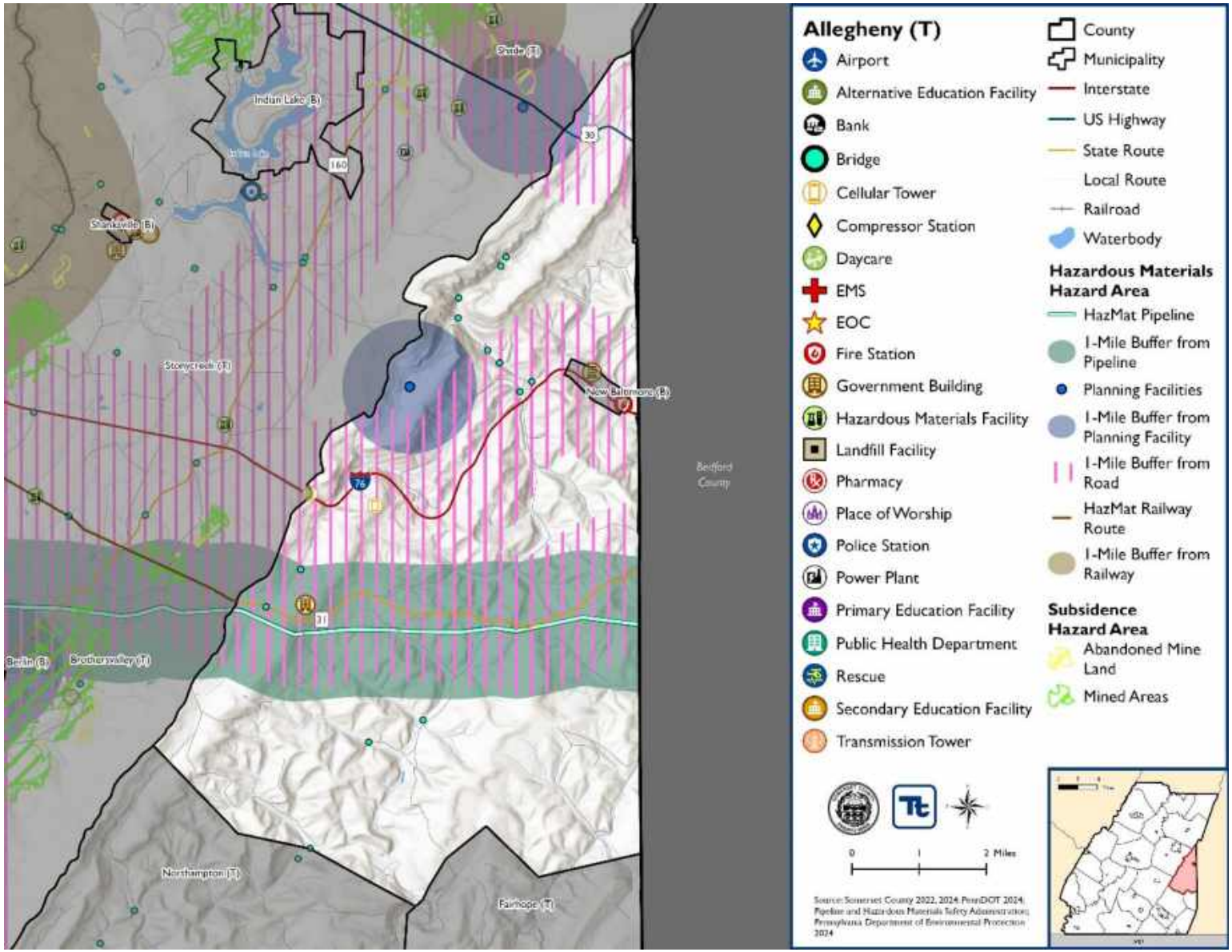
APPENDIX G: LOCAL MUNICIPALITY SUBSIDENCE AND SINKHOLE VULNERABILITY MAPS

Subsidence/Sinkhole Hazard Area in Addison Borough, PA

Subsidence/Sinkhole Hazard Area in Addison Township, PA

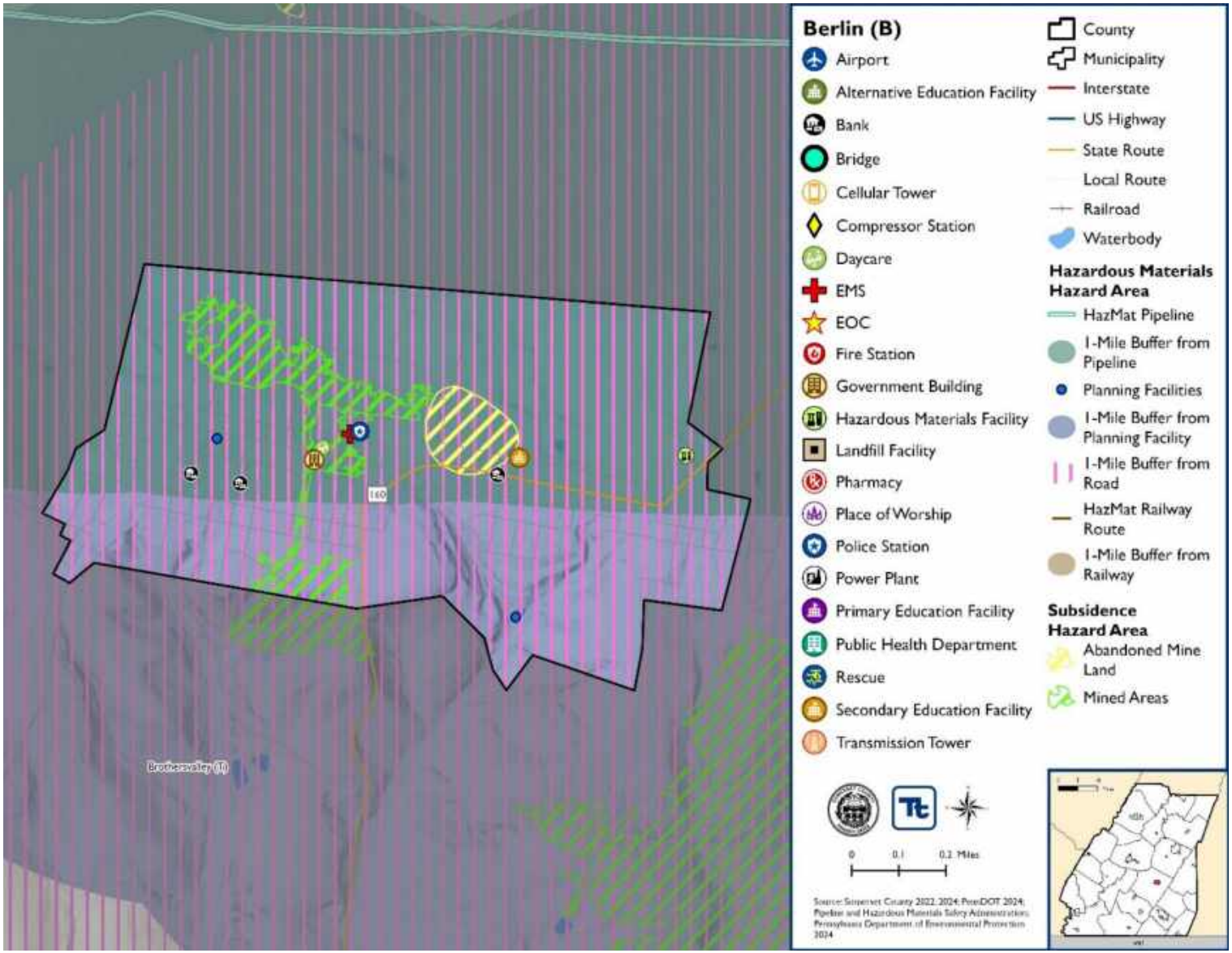


Subsidence/Sinkhole Hazard Area in Allegheny Township, PA

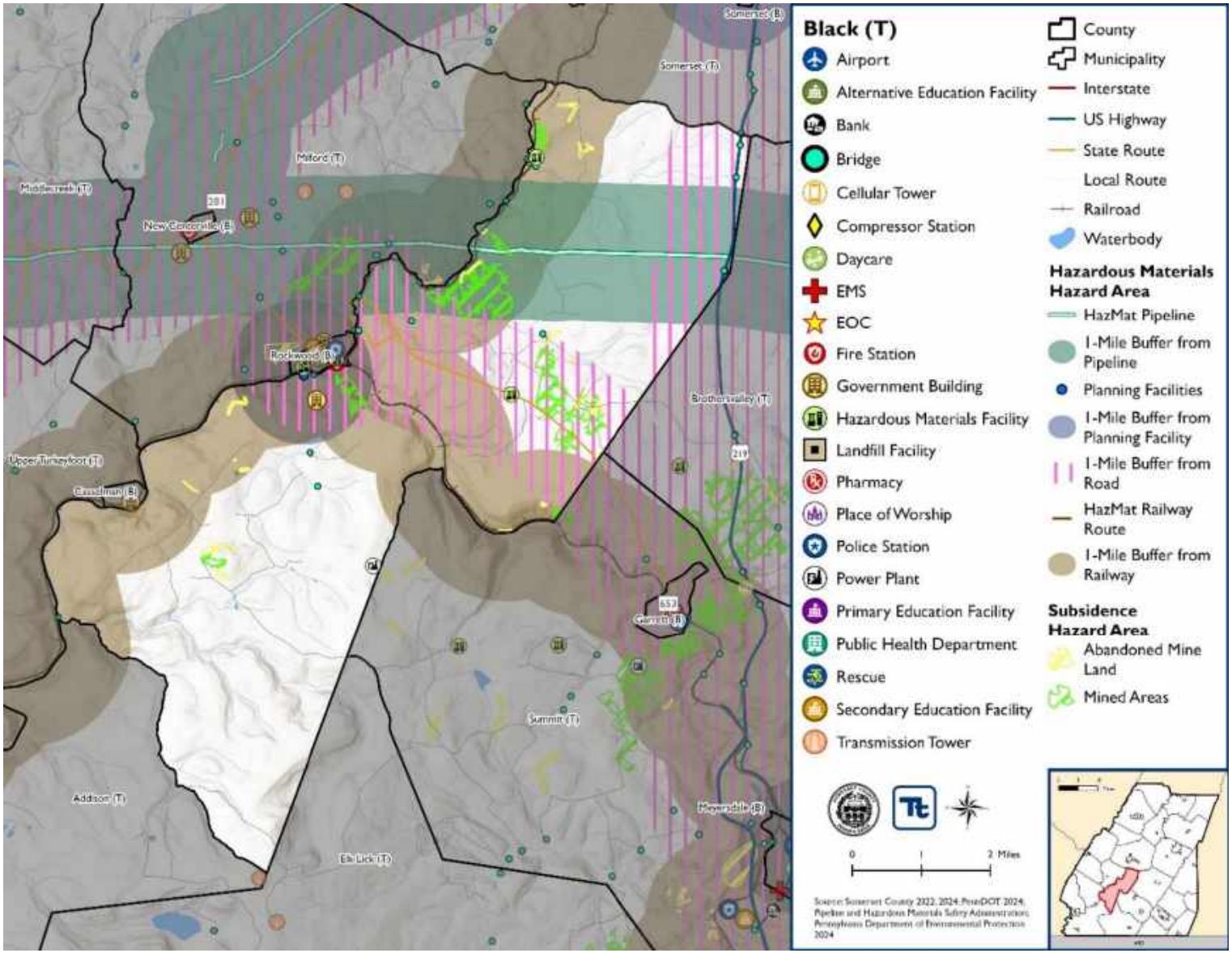


Subsidence/Sinkhole Hazard Area in Benson Borough, PA

Subsidence/Sinkhole Hazard Area in Berlin Borough, PA

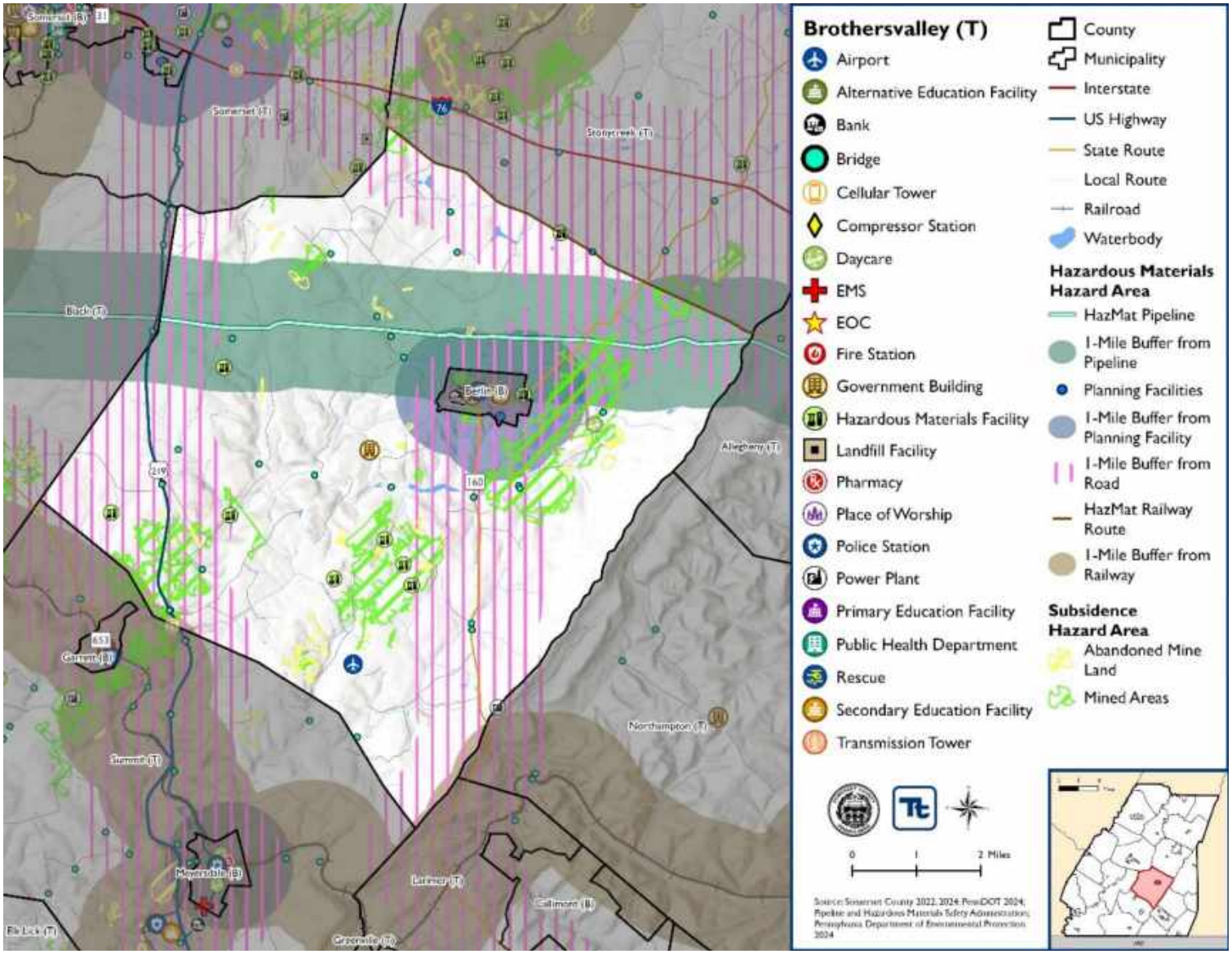


Subsidence/Sinkhole Hazard Area in Black Township, PA

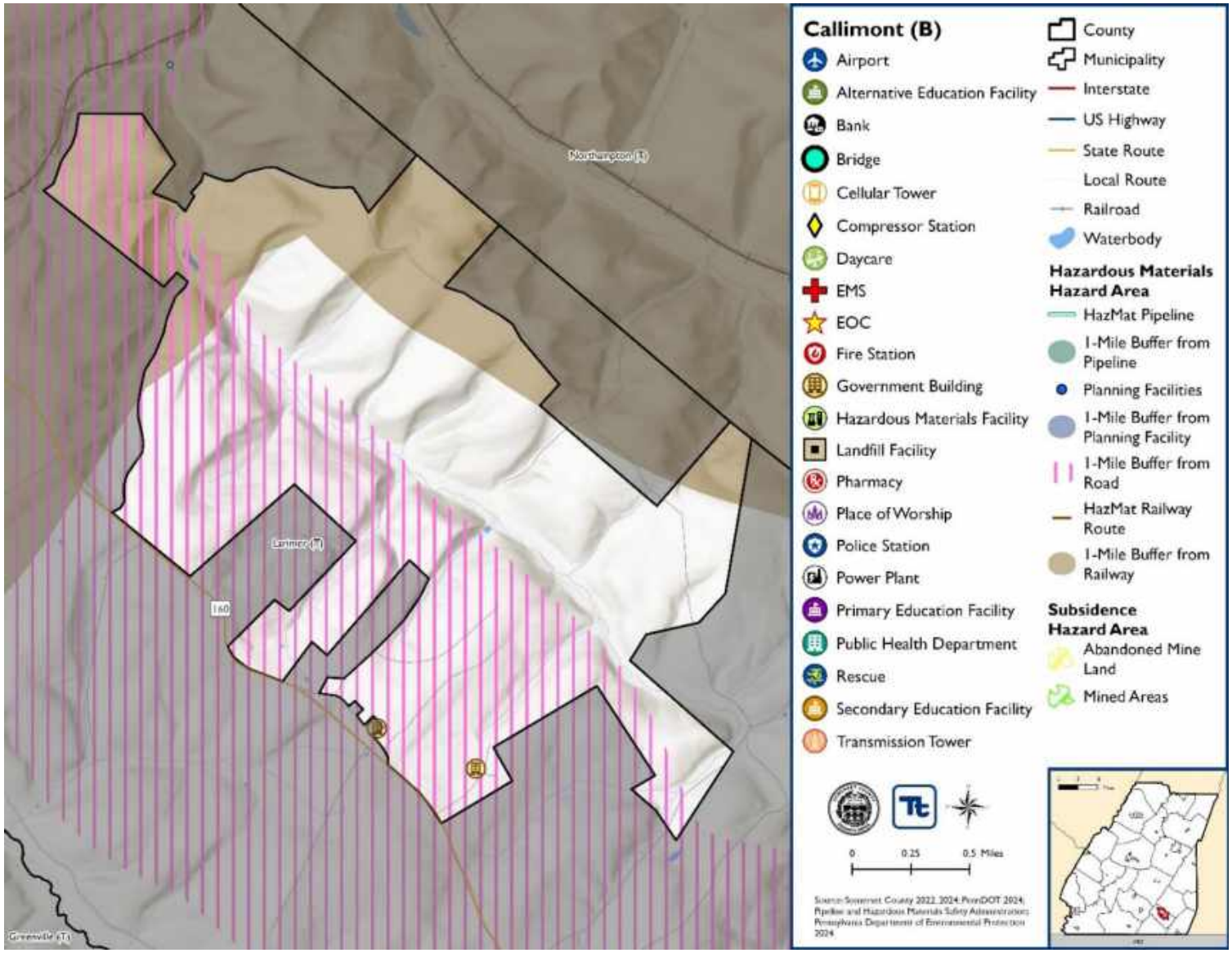


Subsidence/Sinkhole Hazard Area in Boswell Borough, PA

Subsidence/Sinkhole Hazard Area in Brothersvalley Township, PA

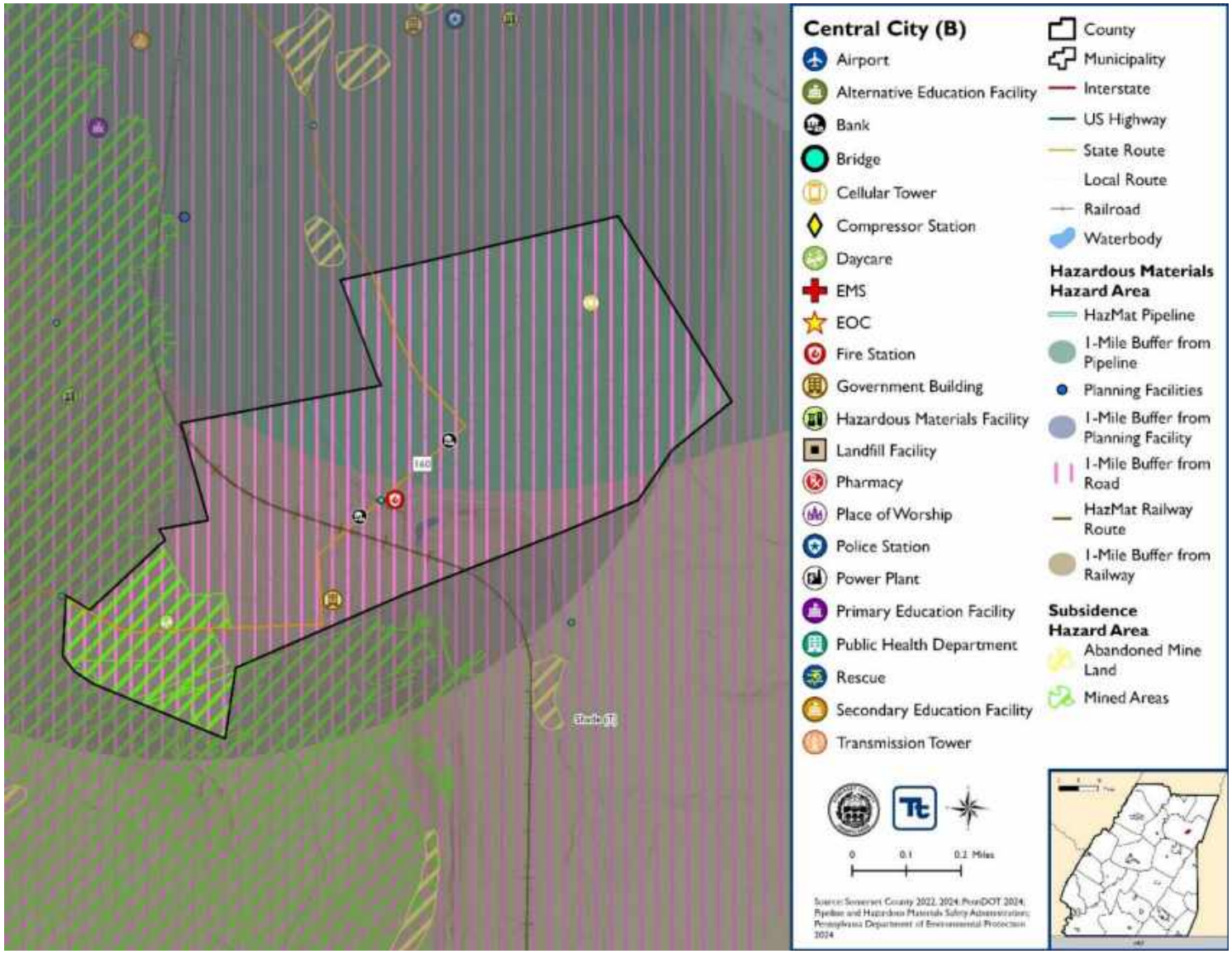


Subsidence/Sinkhole Hazard Area in Callimont Borough, PA

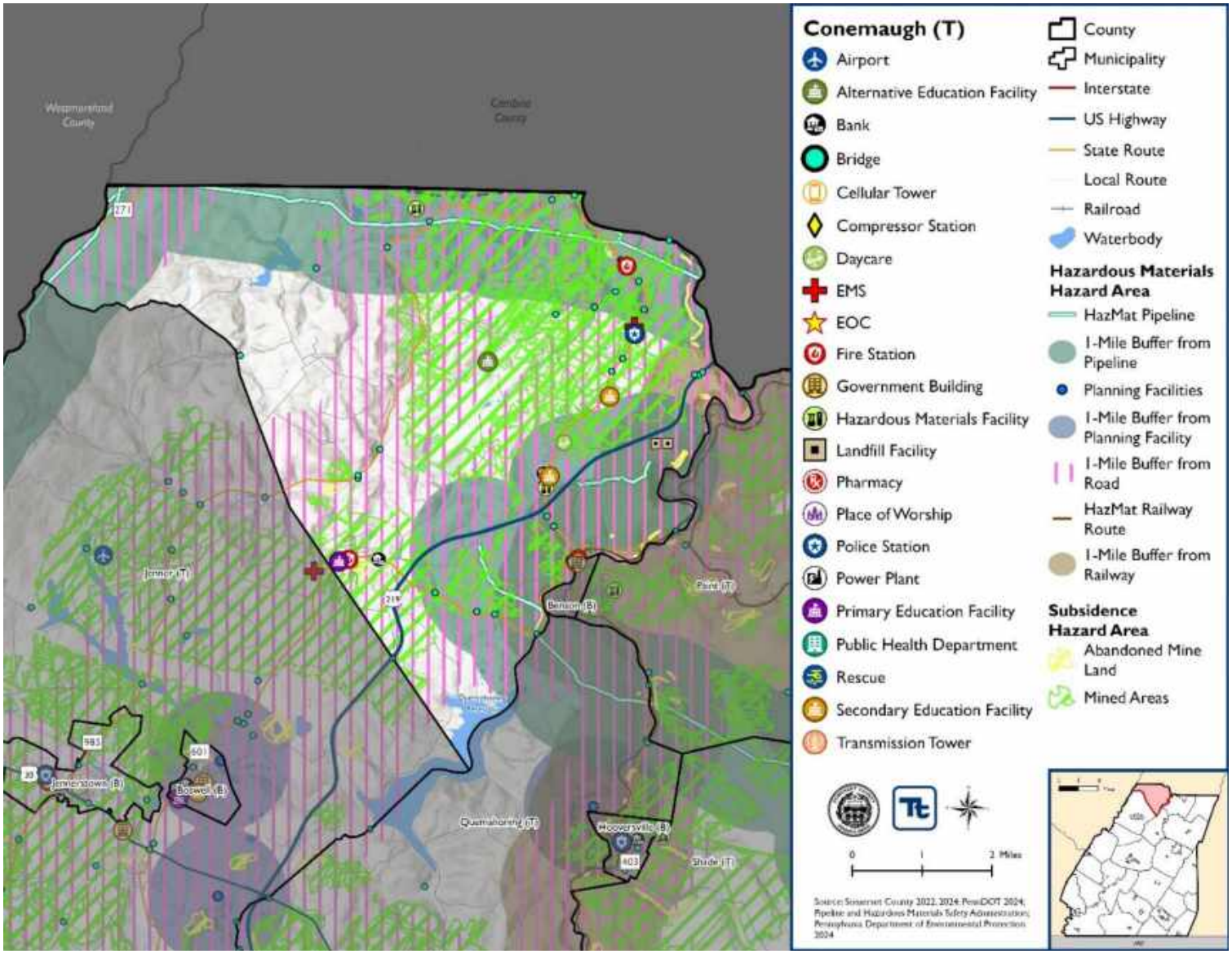


Subsidence/Sinkhole Hazard Area in Casselman Borough, PA

Subsidence/Sinkhole Hazard Area in Central City Borough, PA

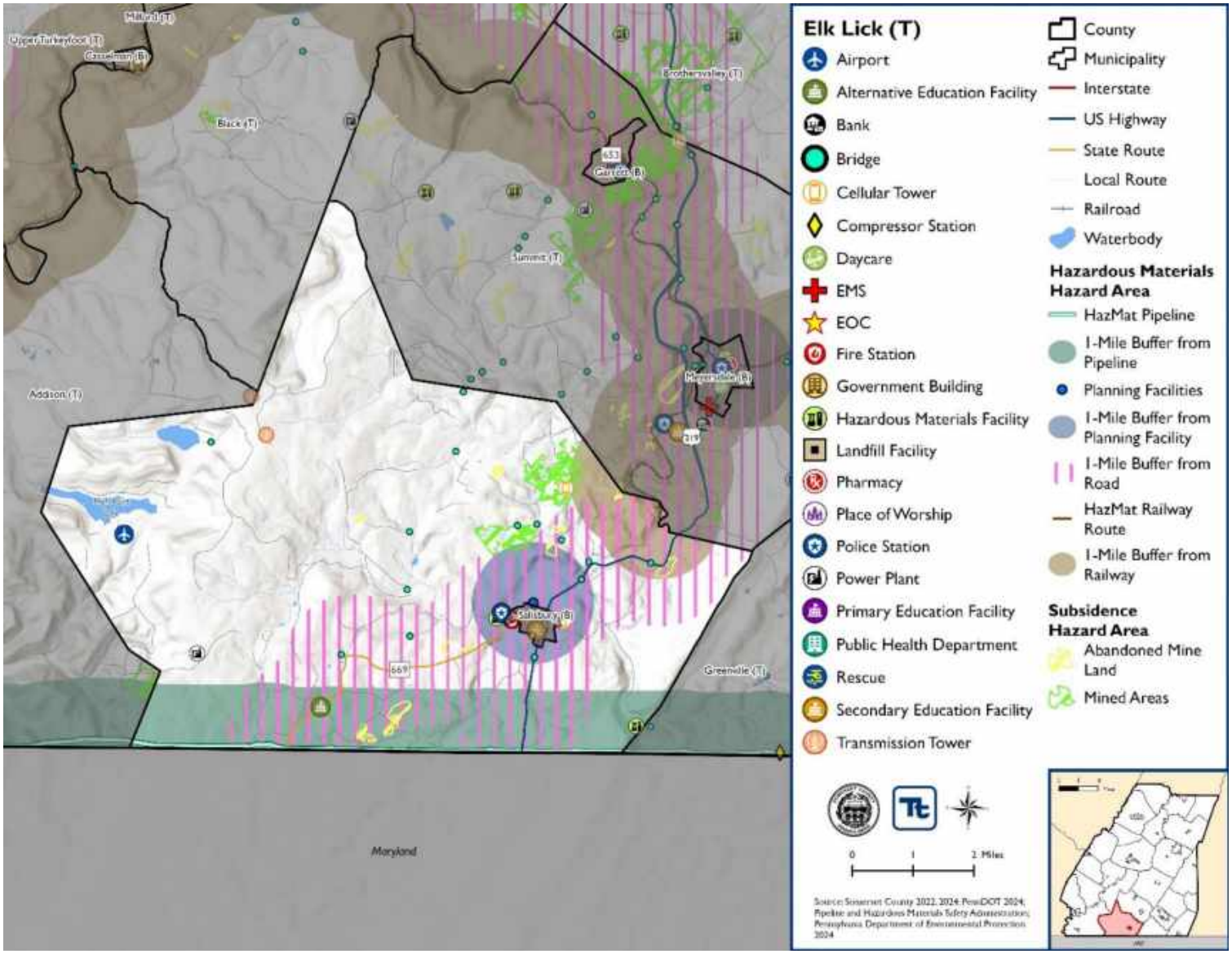


Subsidence/Sinkhole Hazard Area in Conemaugh Township, PA



Subsidence/Sinkhole Hazard Area in Confluence Borough, PA

Subsidence/Sinkhole Hazard Area in Elk Lick Township, PA

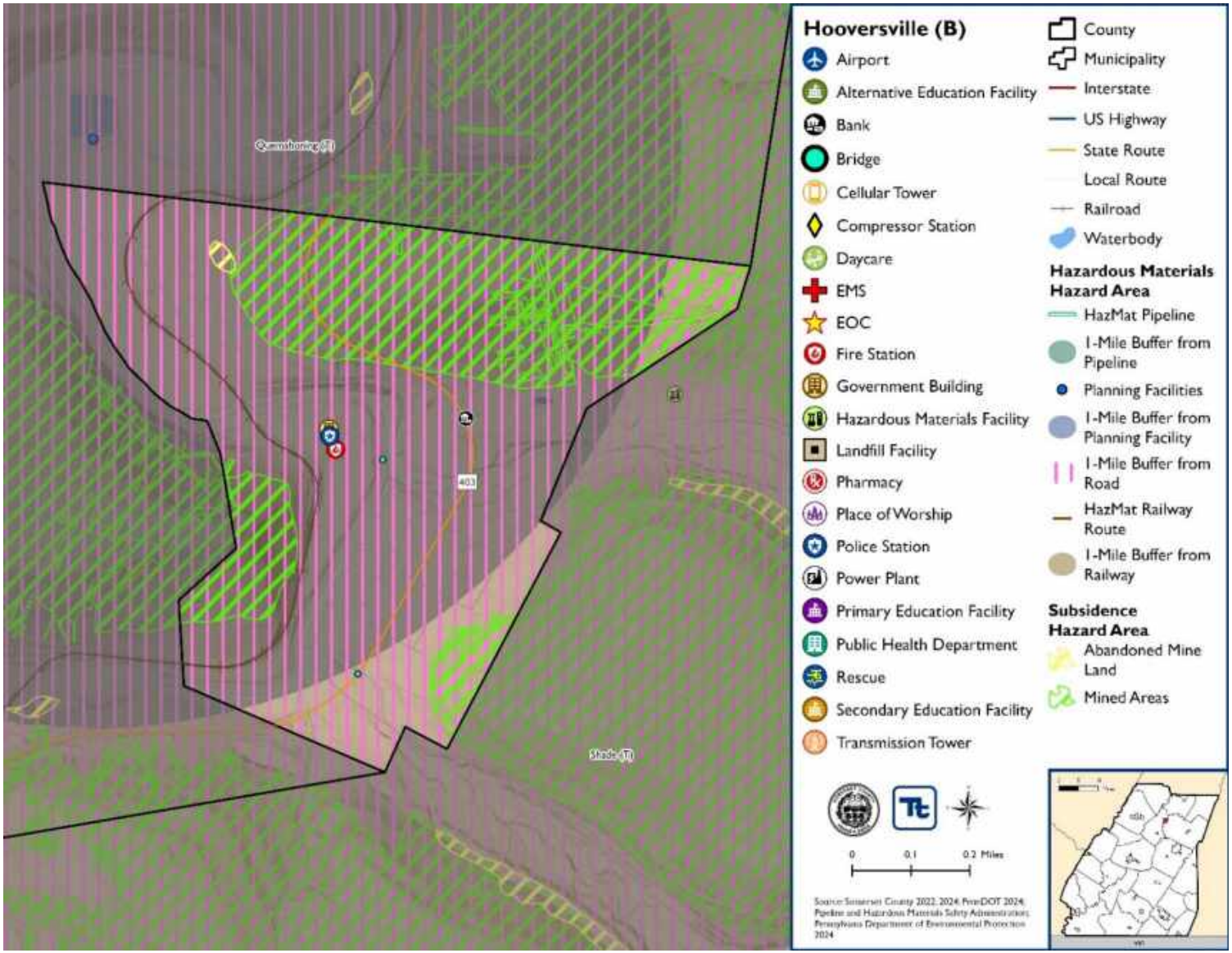


Subsidence/Sinkhole Hazard Area in Fairhope Township, PA

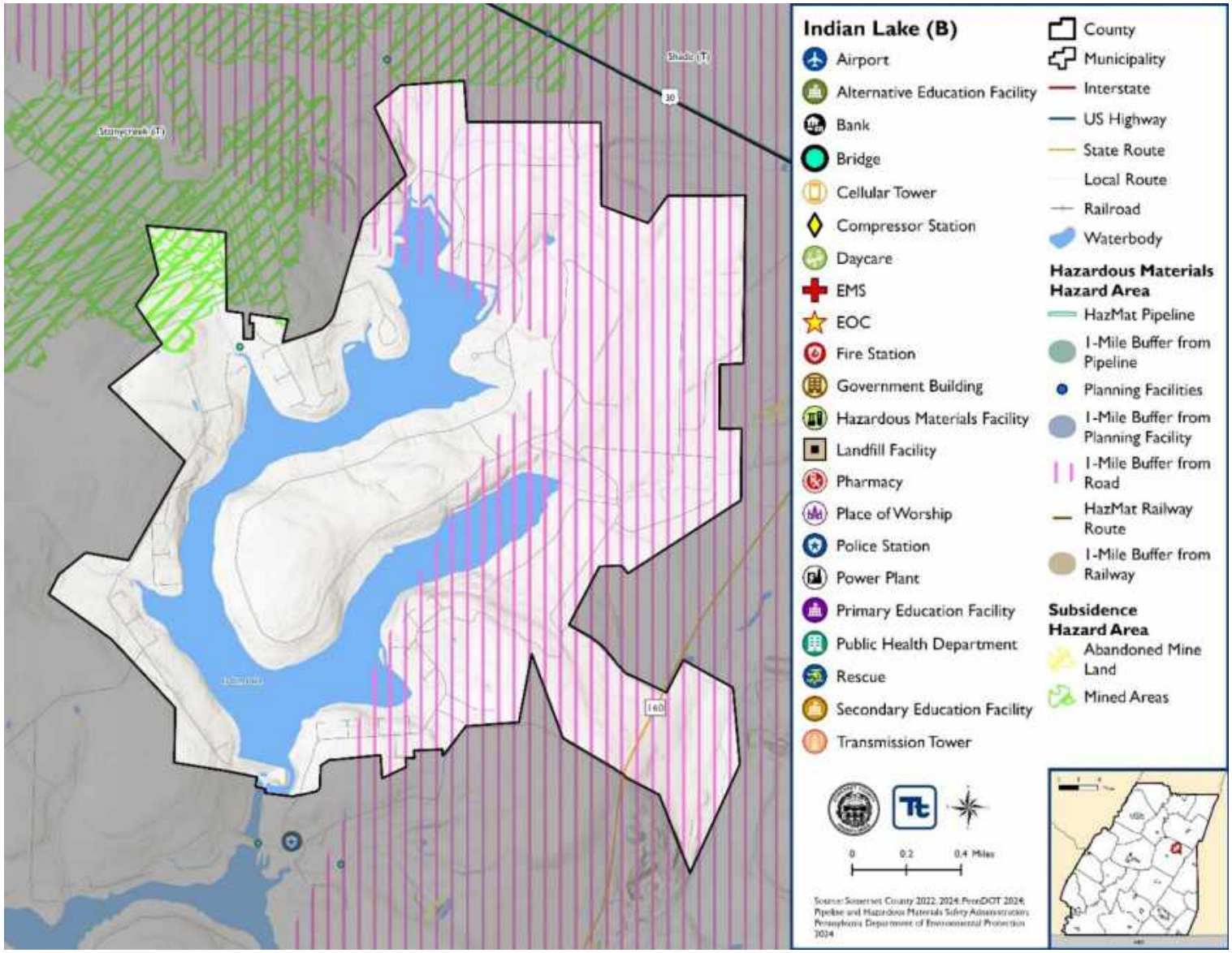
Subsidence/Sinkhole Hazard Area in Garrett Borough, PA

Subsidence/Sinkhole Hazard Area in Greenville Township, PA

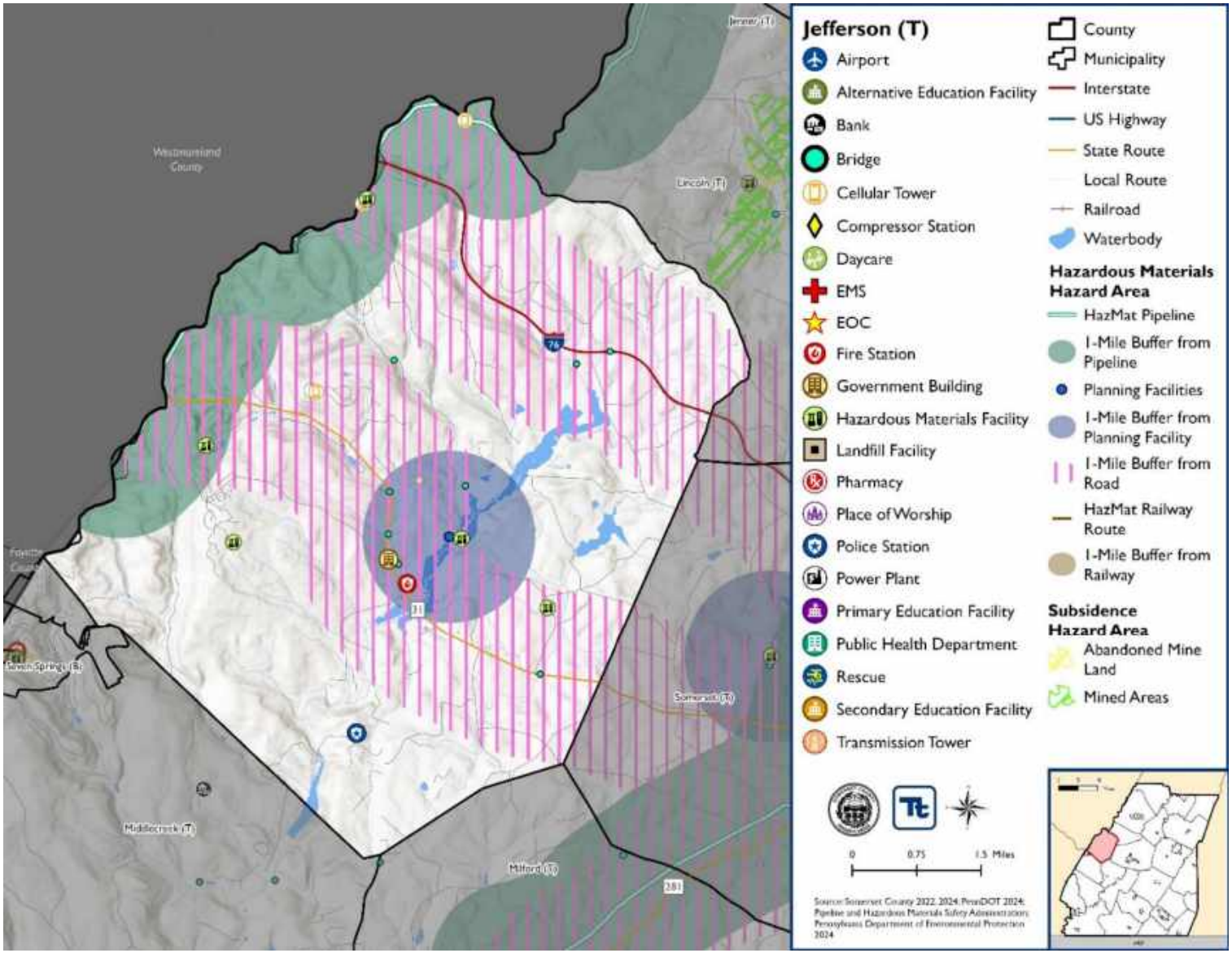
Subsidence/Sinkhole Hazard Area in Hooversville Borough, PA



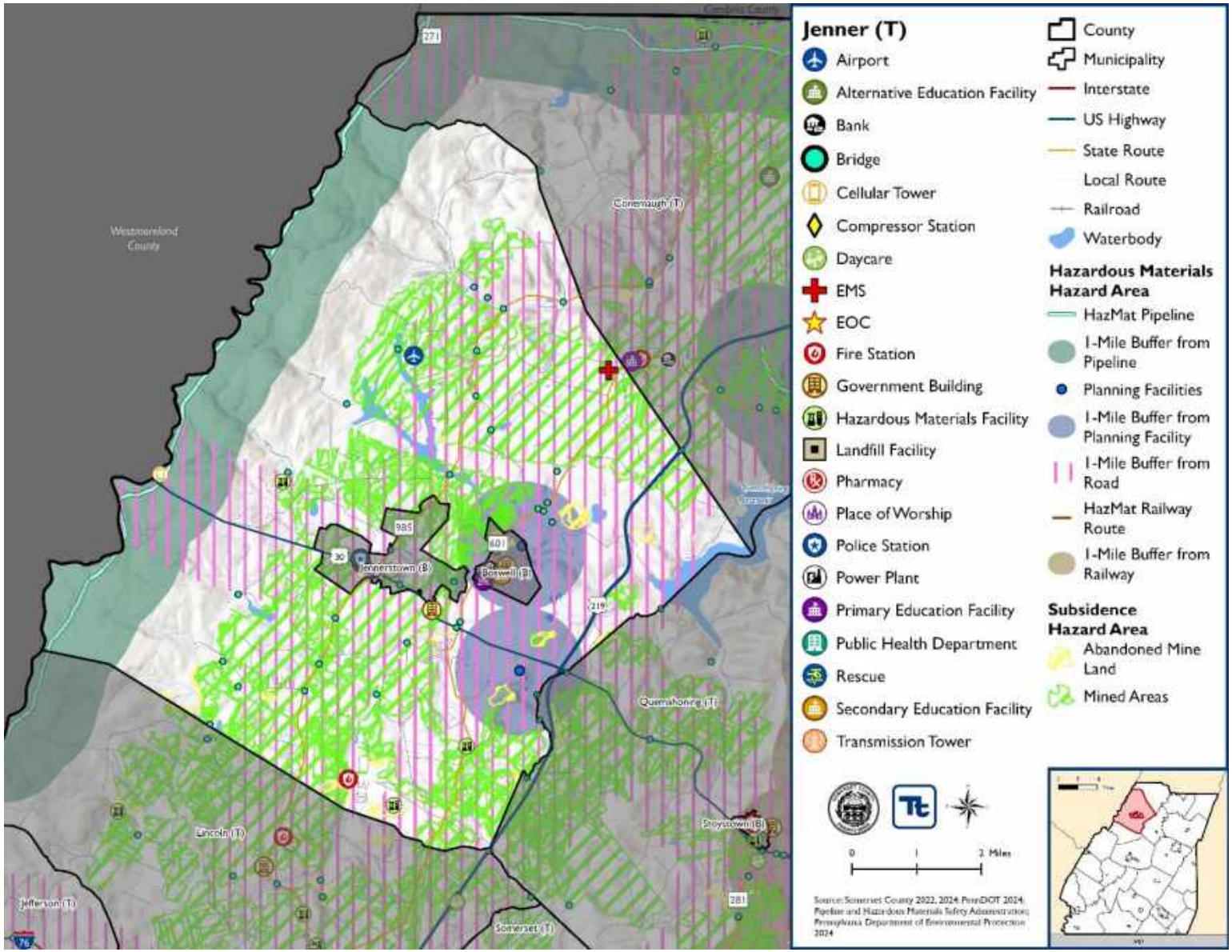
Subsidence/Sinkhole Hazard Area in Indian Lake Borough, PA



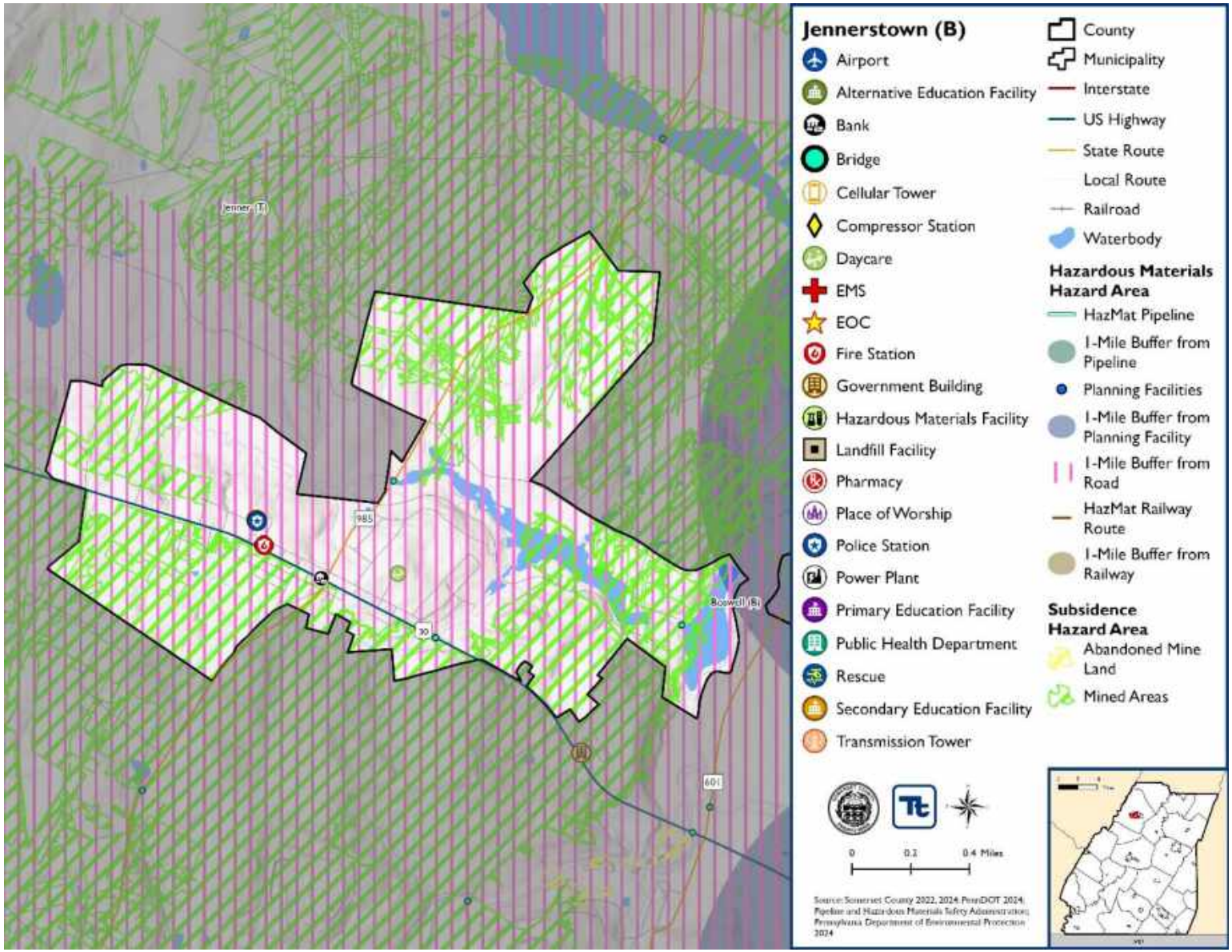
Subsidence/Sinkhole Hazard Area in Jefferson Township, PA



Subsidence/Sinkhole Hazard Area in Jenner Township, PA

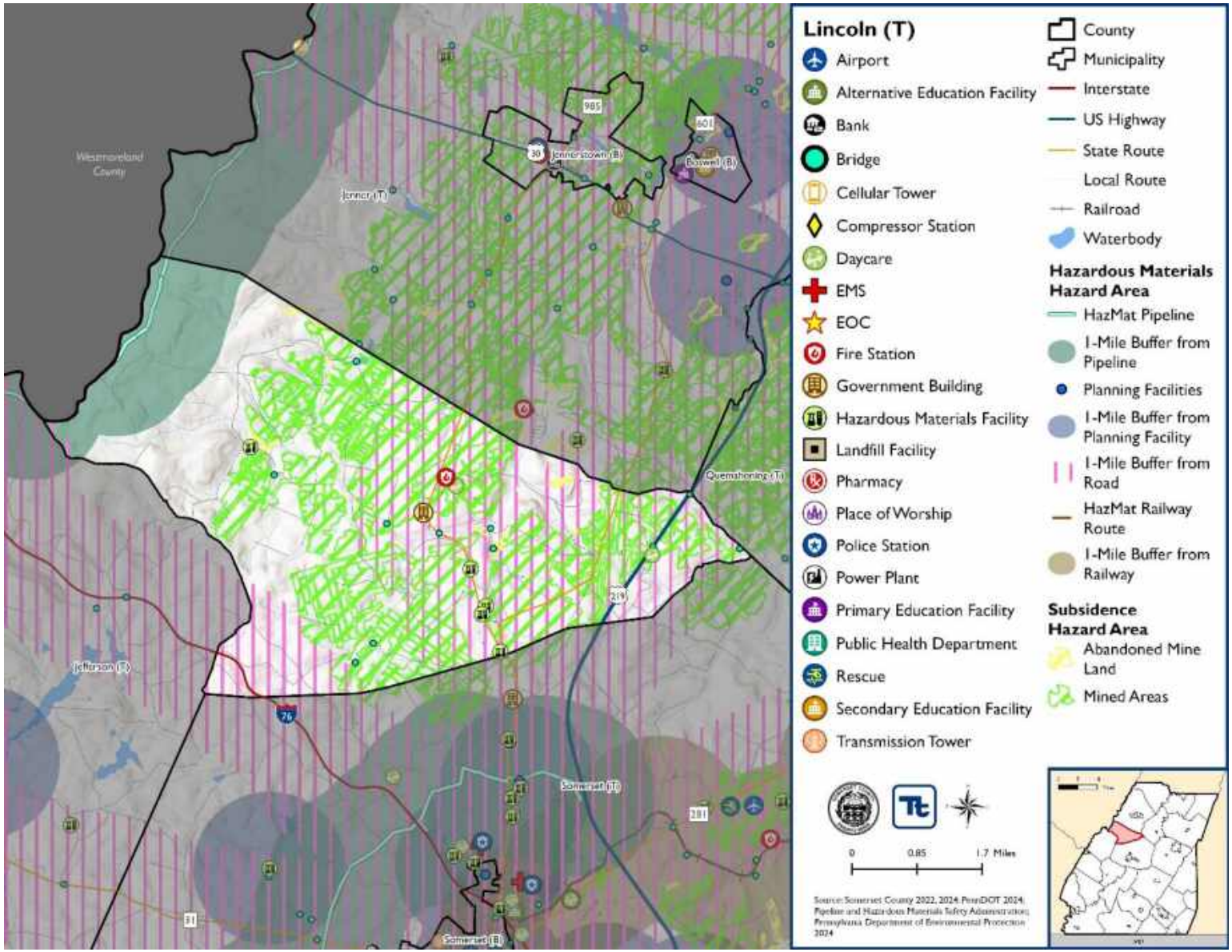


Subsidence/Sinkhole Hazard Area in Jennerstown Borough, PA

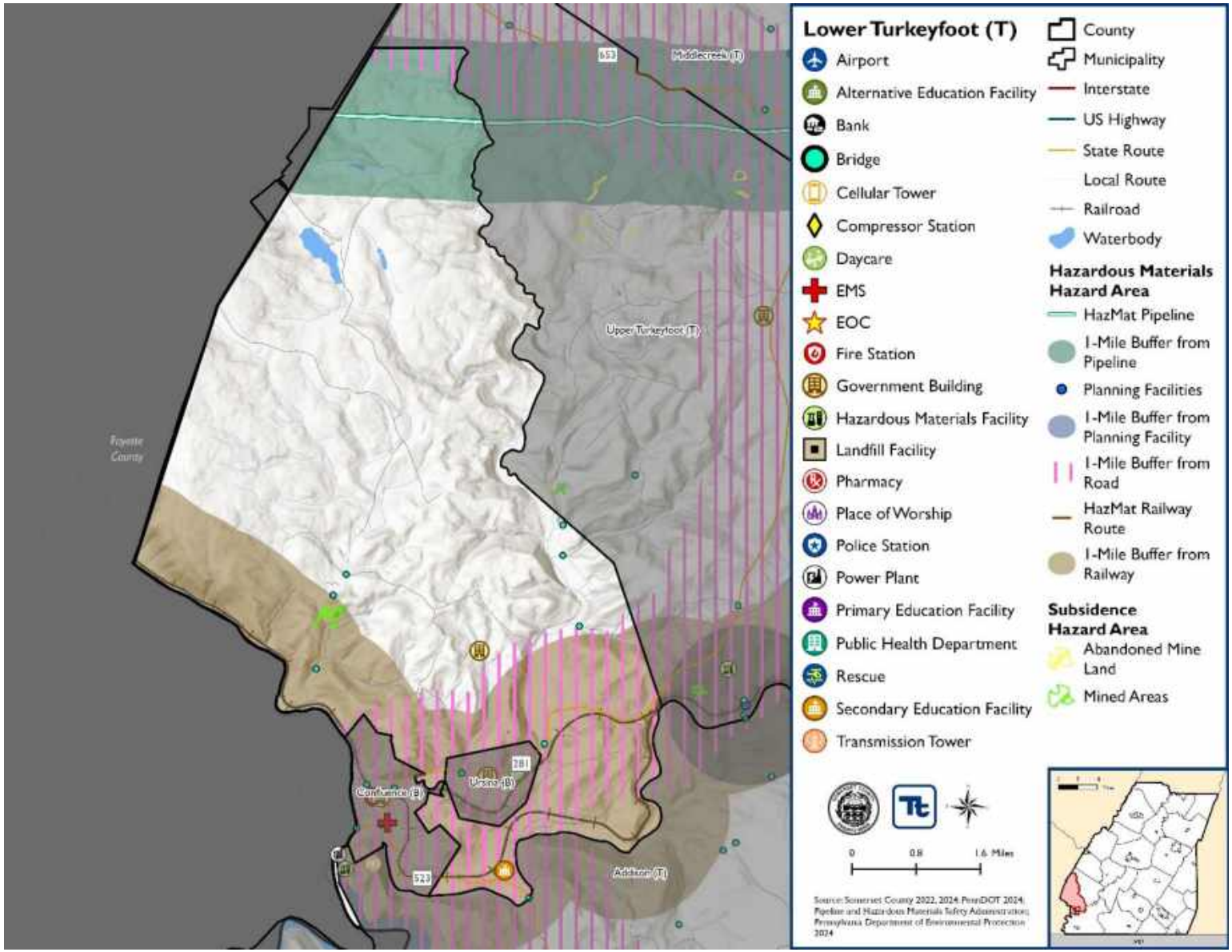


Subsidence/Sinkhole Hazard Area in Larimer Township, PA

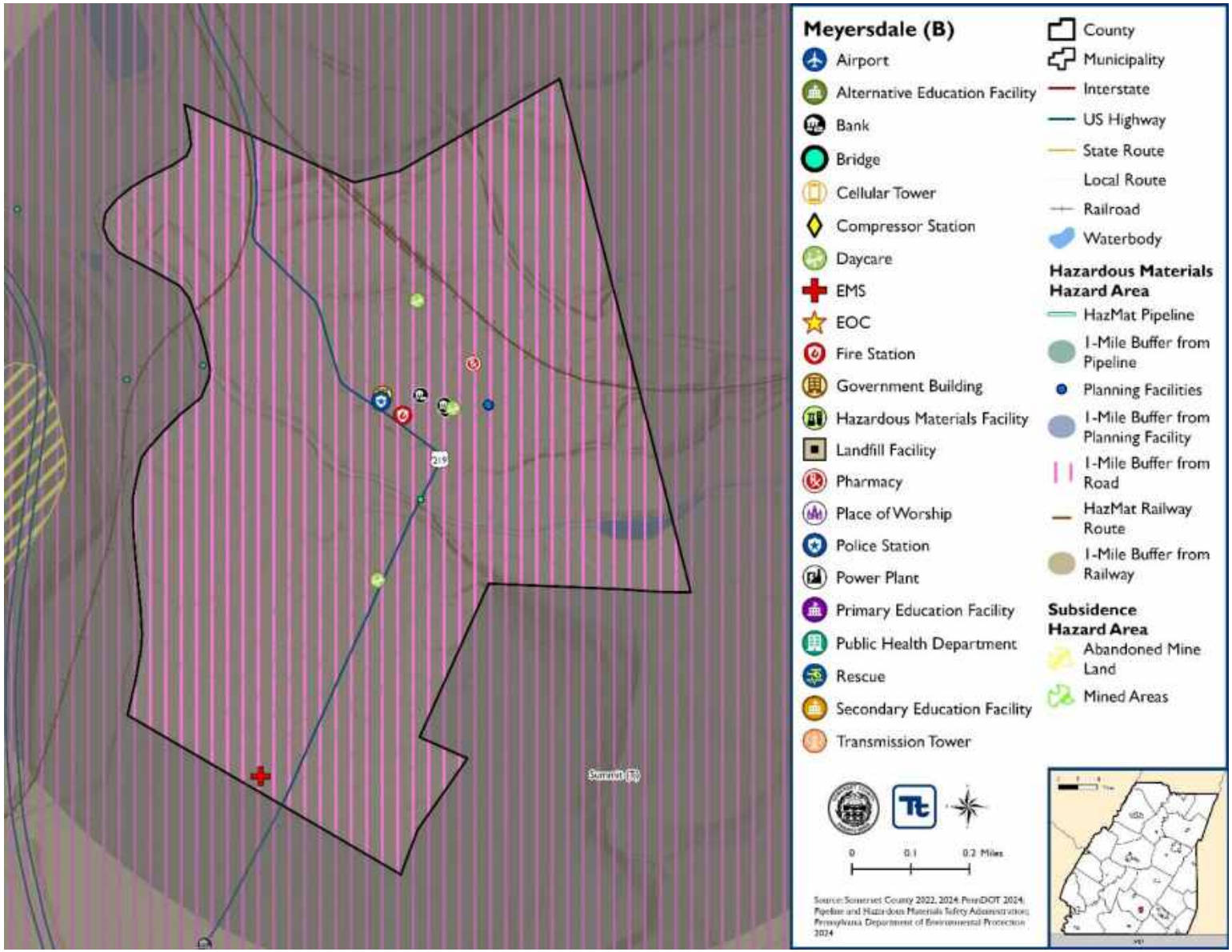
Subsidence/Sinkhole Hazard Area in Lincoln Township, PA



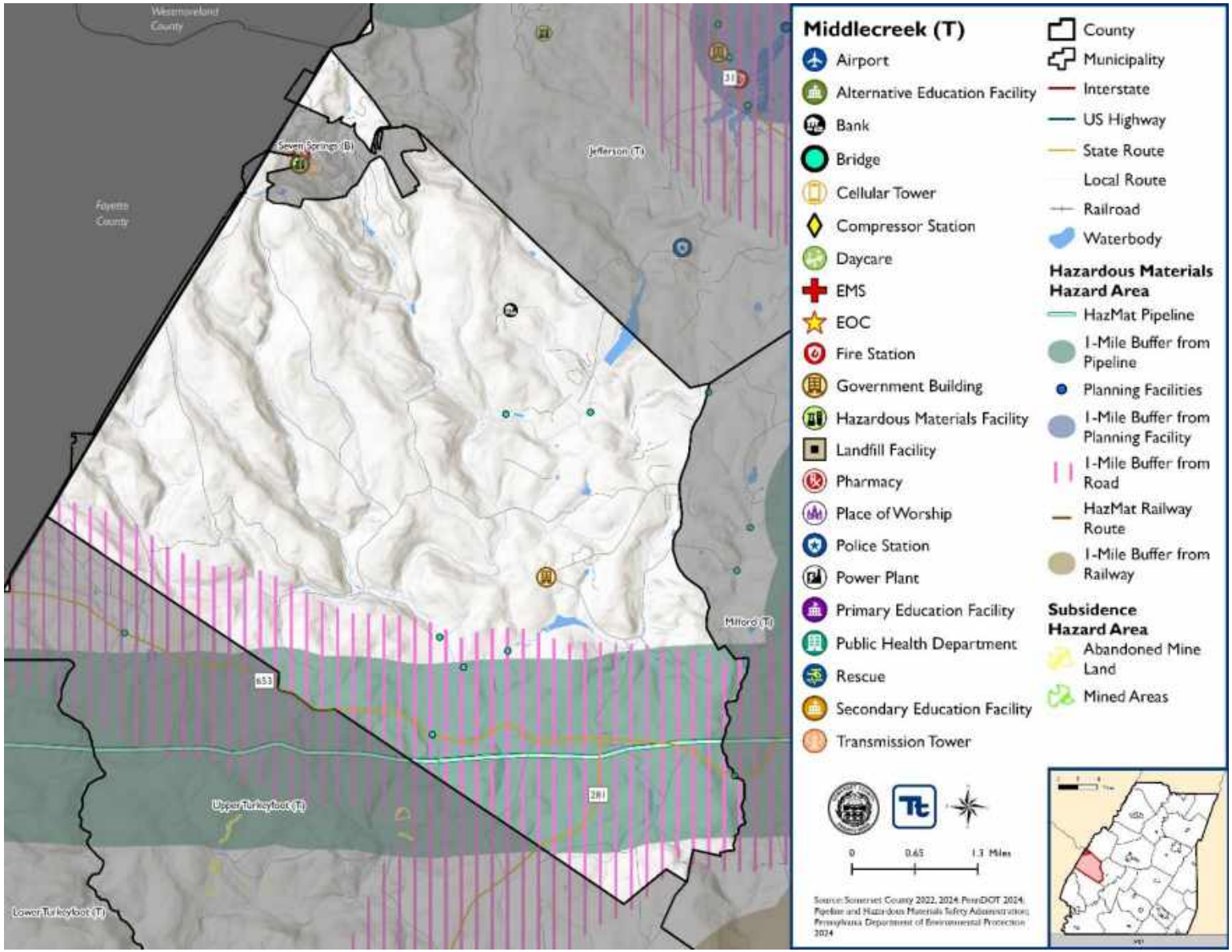
Subsidence/Sinkhole Hazard Area in Lower Turkeyfoot Township, PA



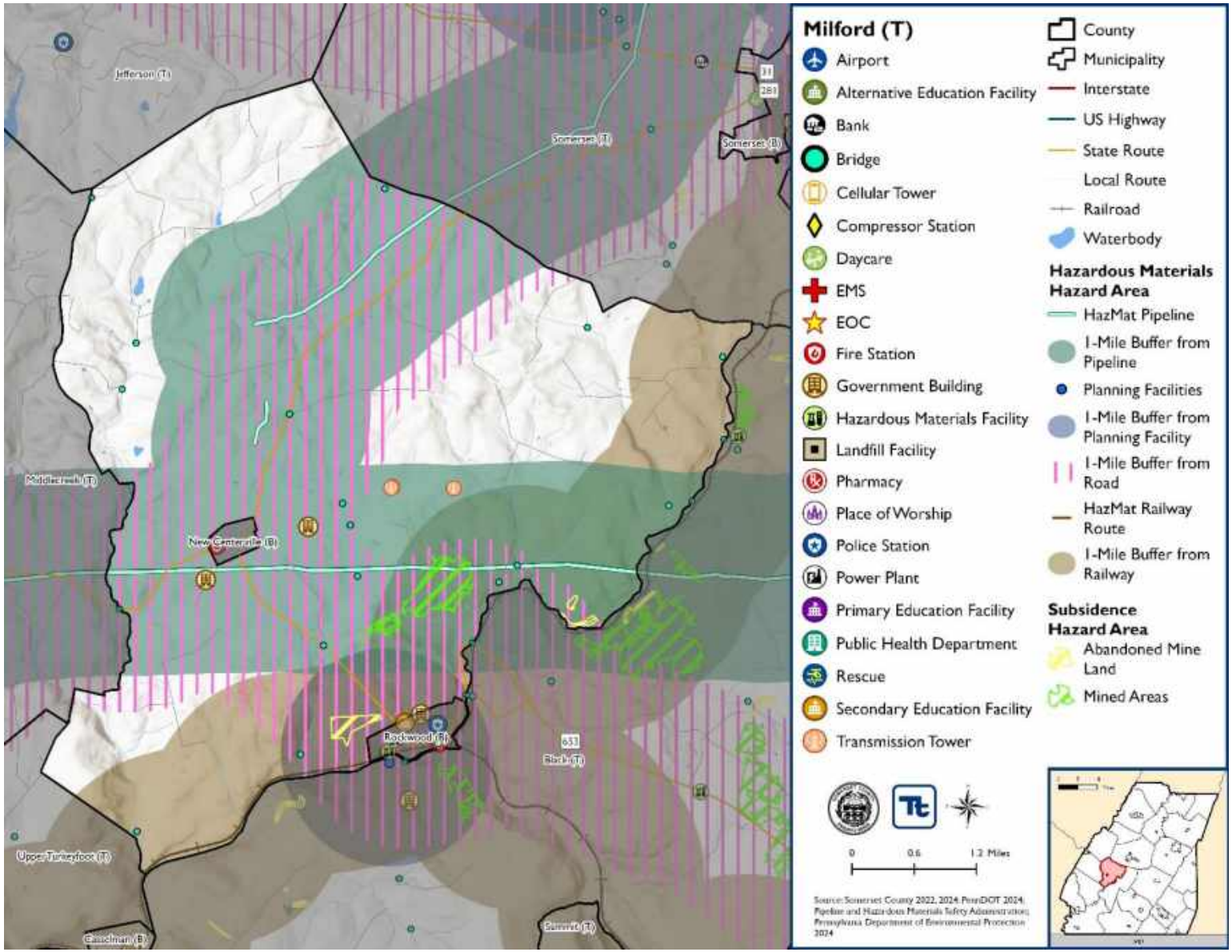
Subsidence/Sinkhole Hazard Area in Meyersdale Borough, PA



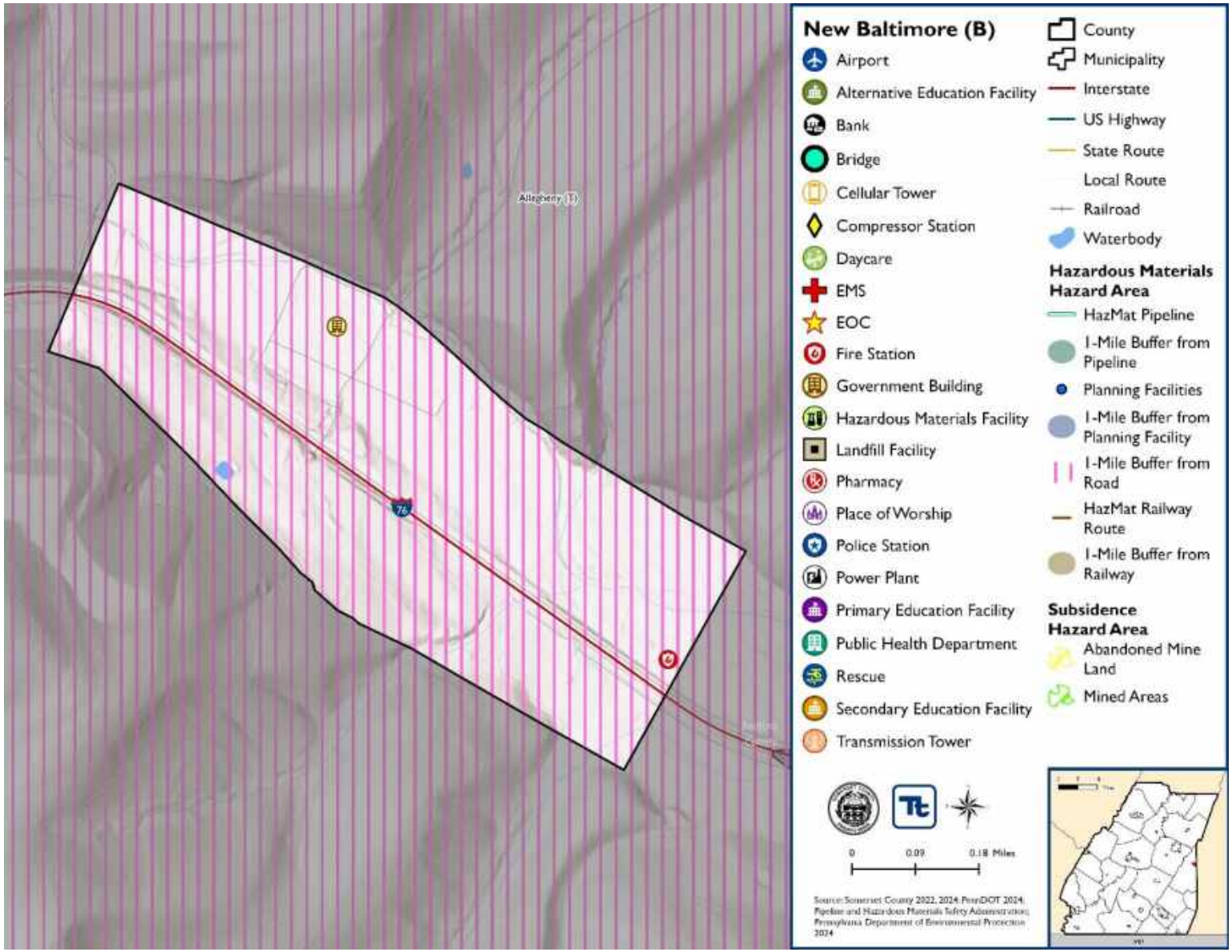
Subsidence/Sinkhole Hazard Area in Middlecreek Township, PA



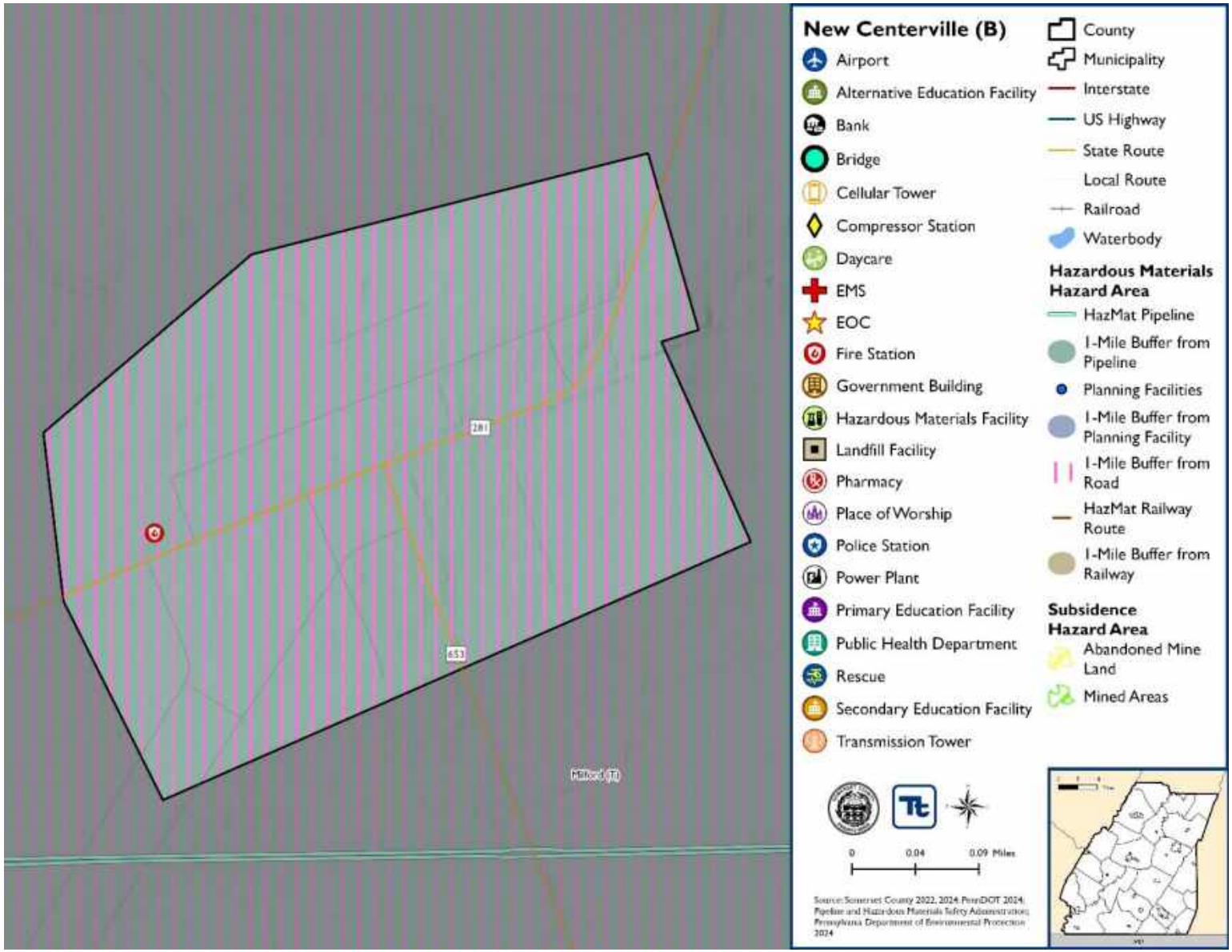
Subsidence/Sinkhole Hazard Area in Milford Township, PA



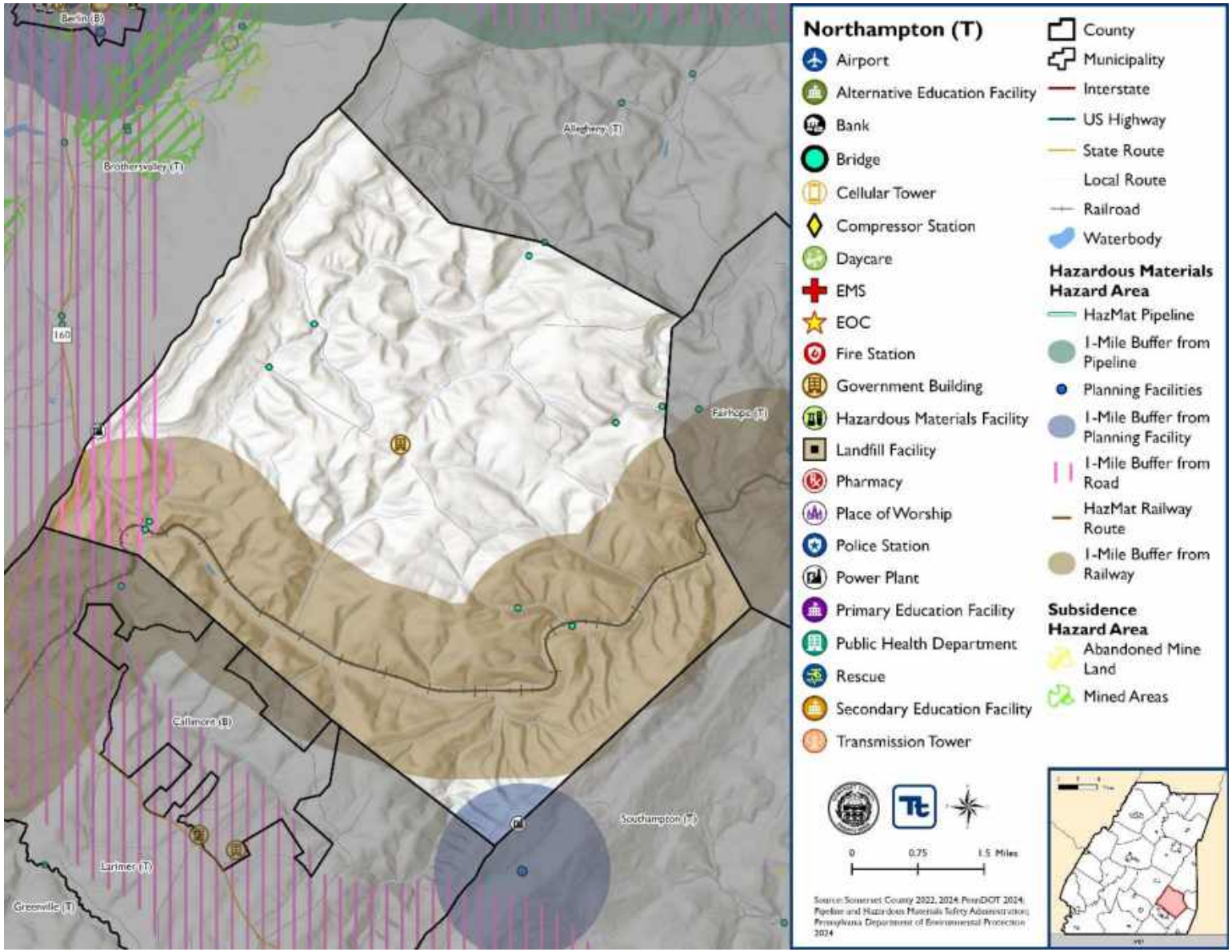
Subsidence/Sinkhole Hazard Area in New Baltimore Borough, PA



Subsidence/Sinkhole Hazard Area in New Centerville Borough, PA

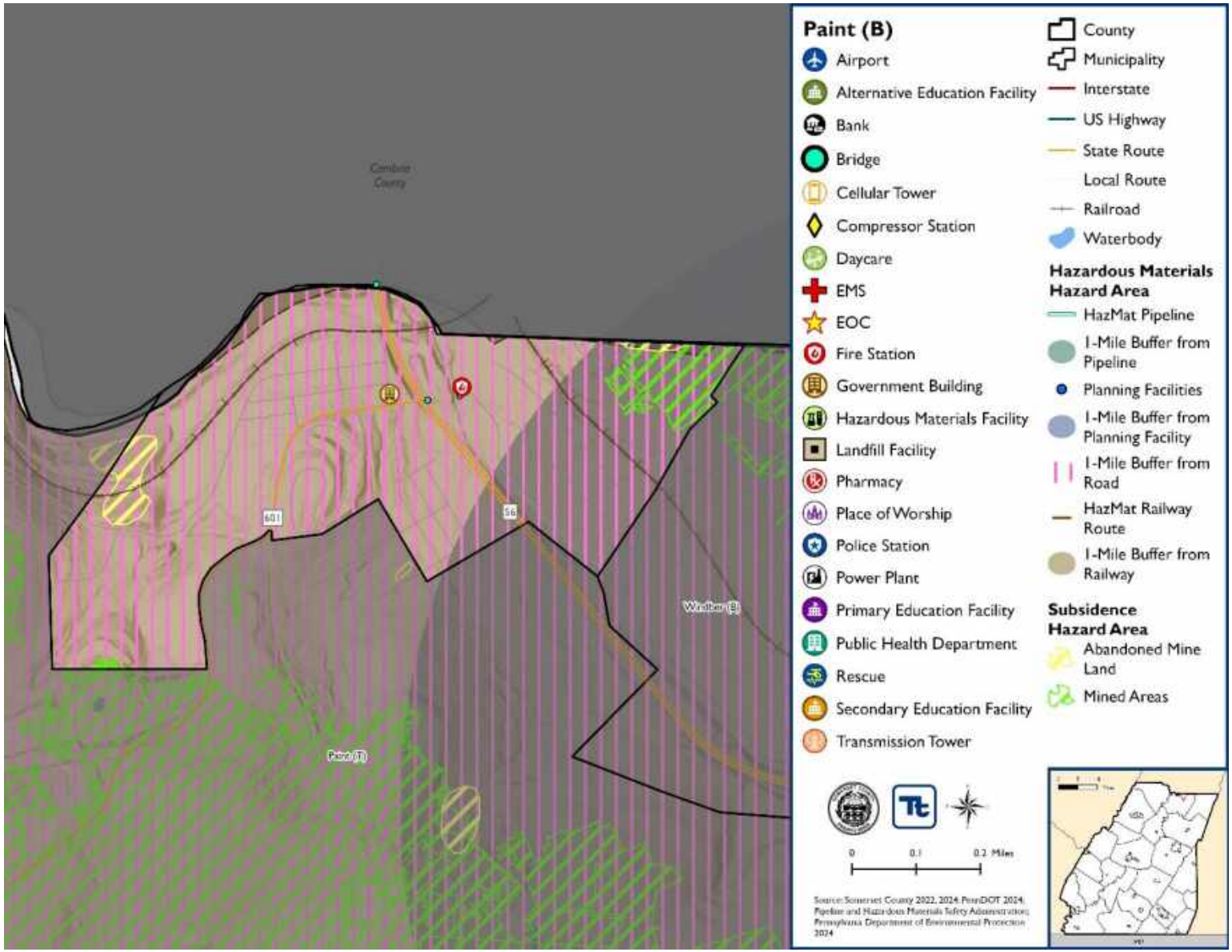


Subsidence/Sinkhole Hazard Area in Northampton Township, PA

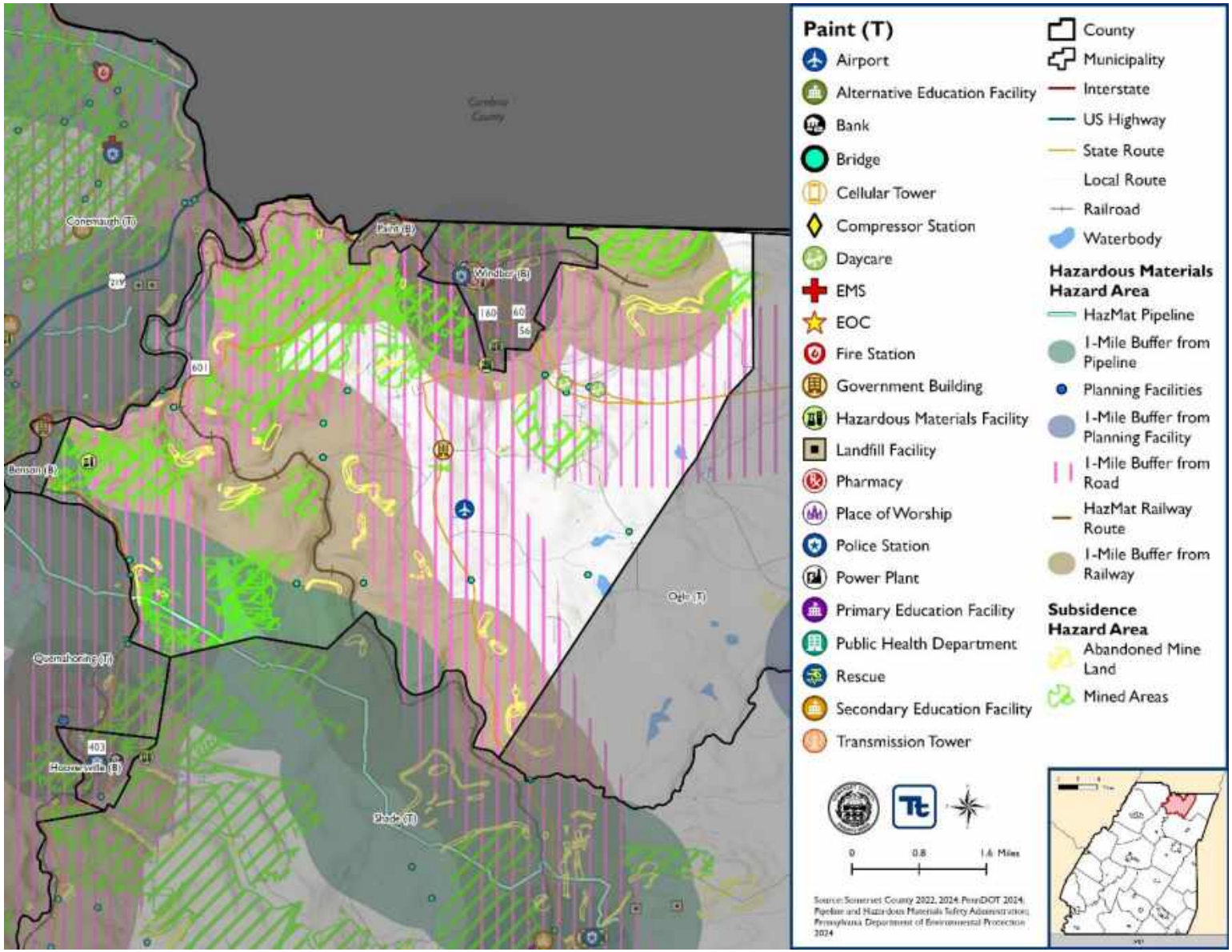


Subsidence/Sinkhole Hazard Area in Ogle Township, PA

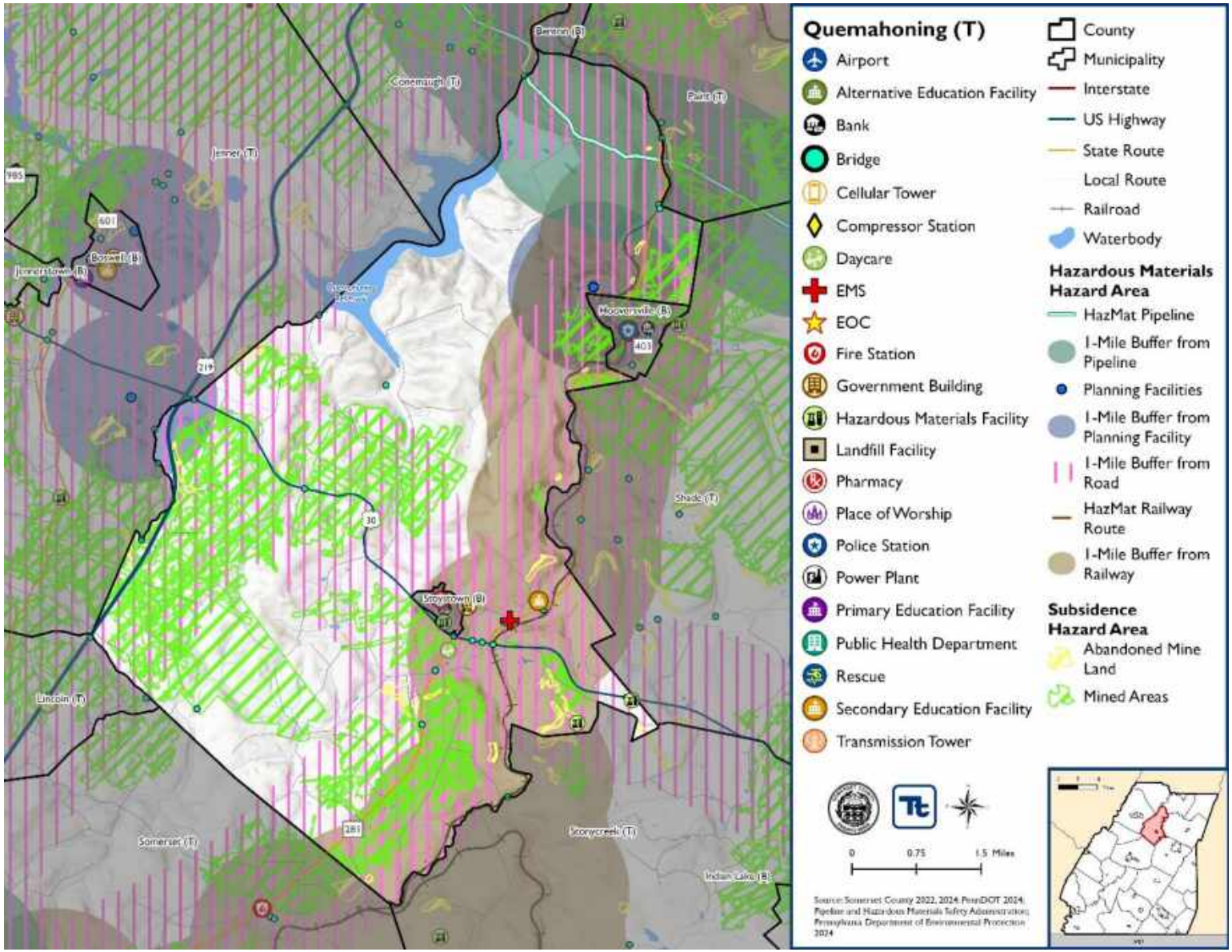
Subsidence/Sinkhole Hazard Area in Paint Borough, PA



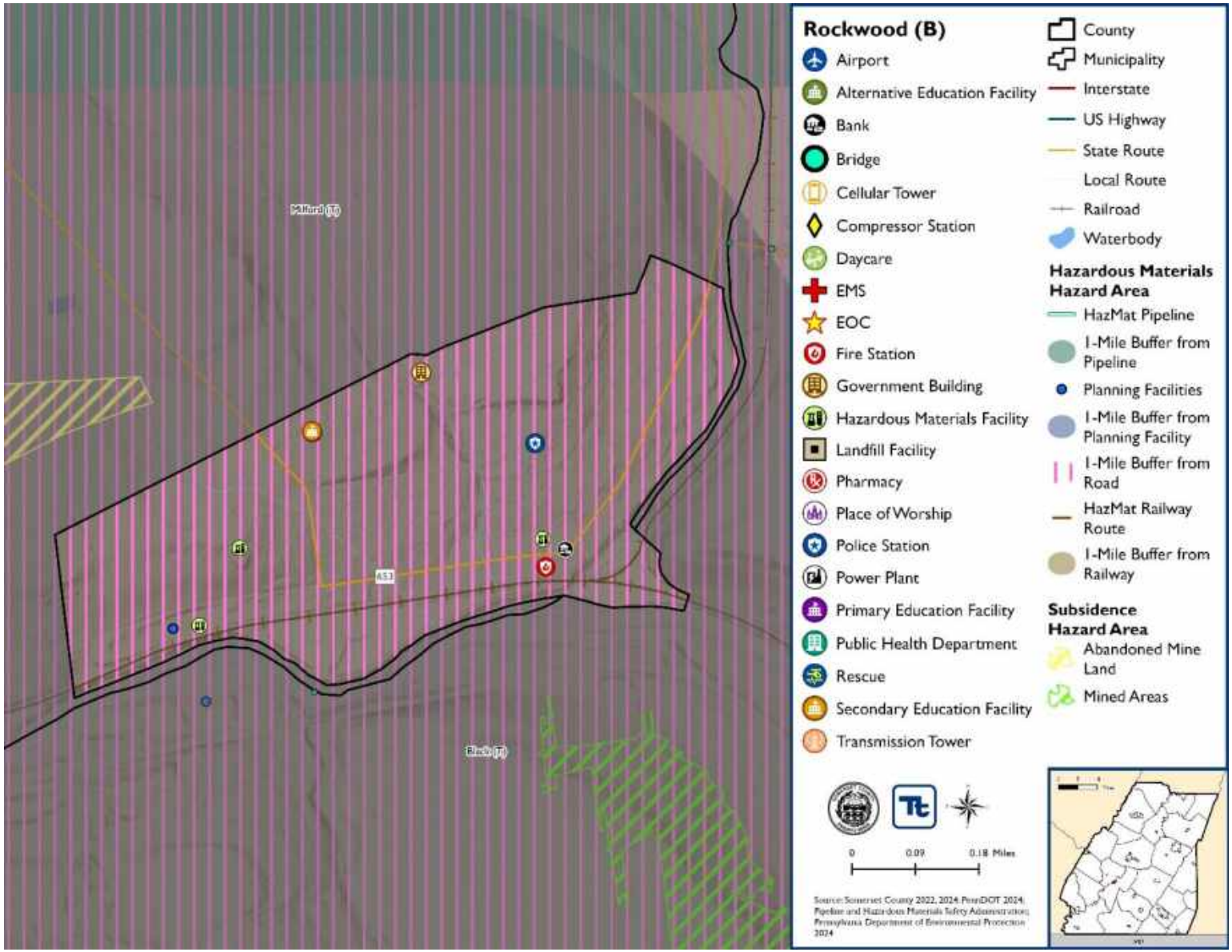
Subsidence/Sinkhole Hazard Area in Paint Township, PA



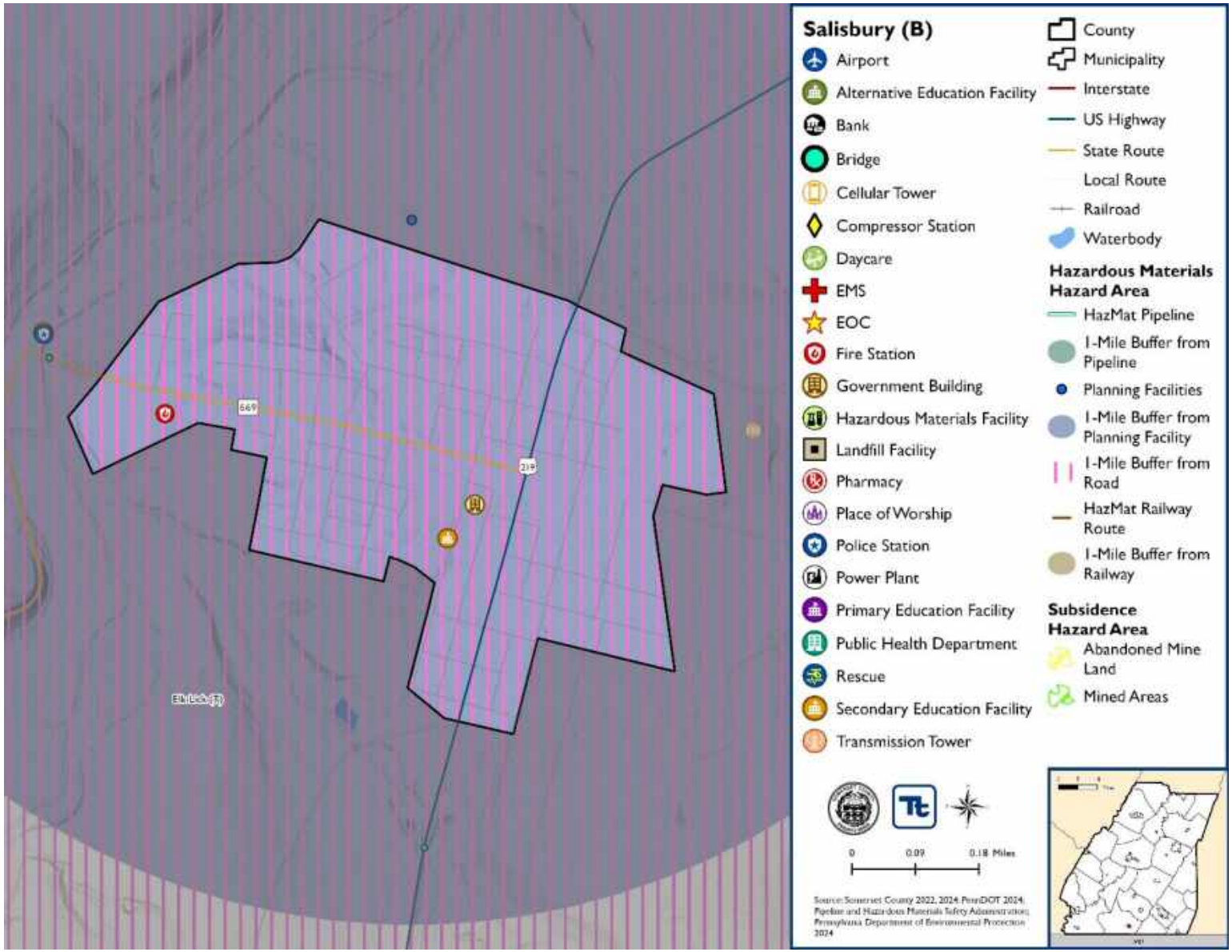
Subsidence/Sinkhole Hazard Area in Quemahoning Township, PA



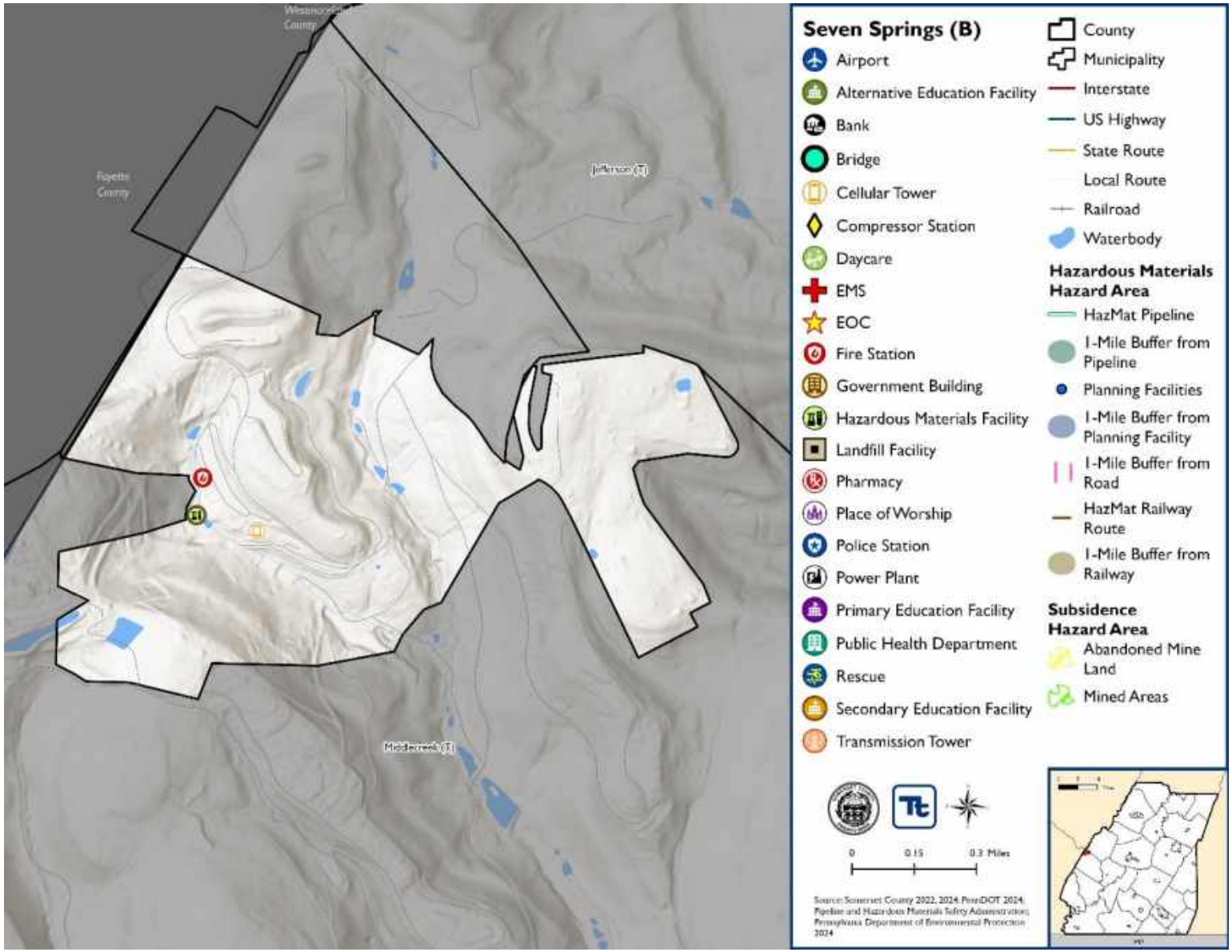
Subsidence/Sinkhole Hazard Area in Rockwood Borough, PA



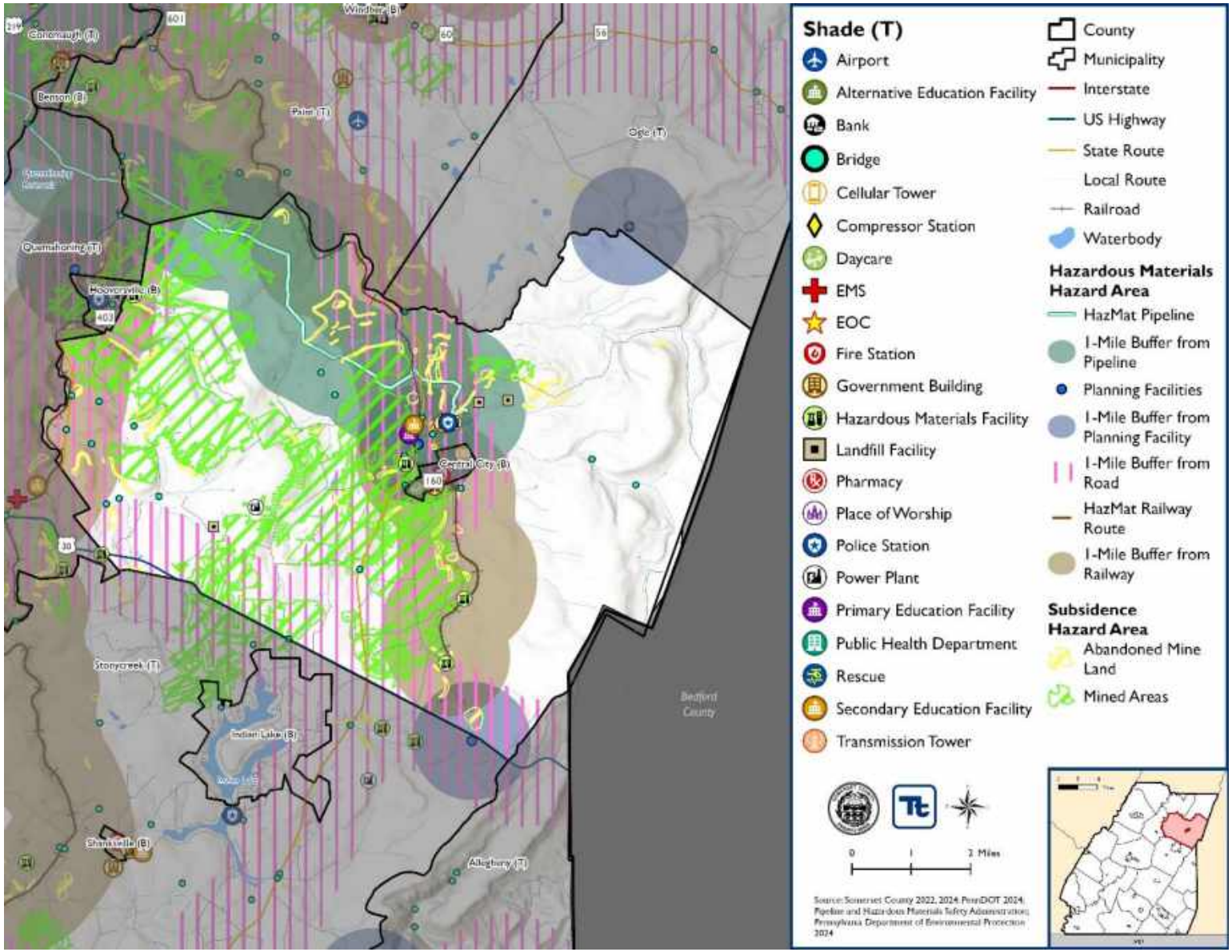
Subsidence/Sinkhole Hazard Area in Salisbury Borough, PA



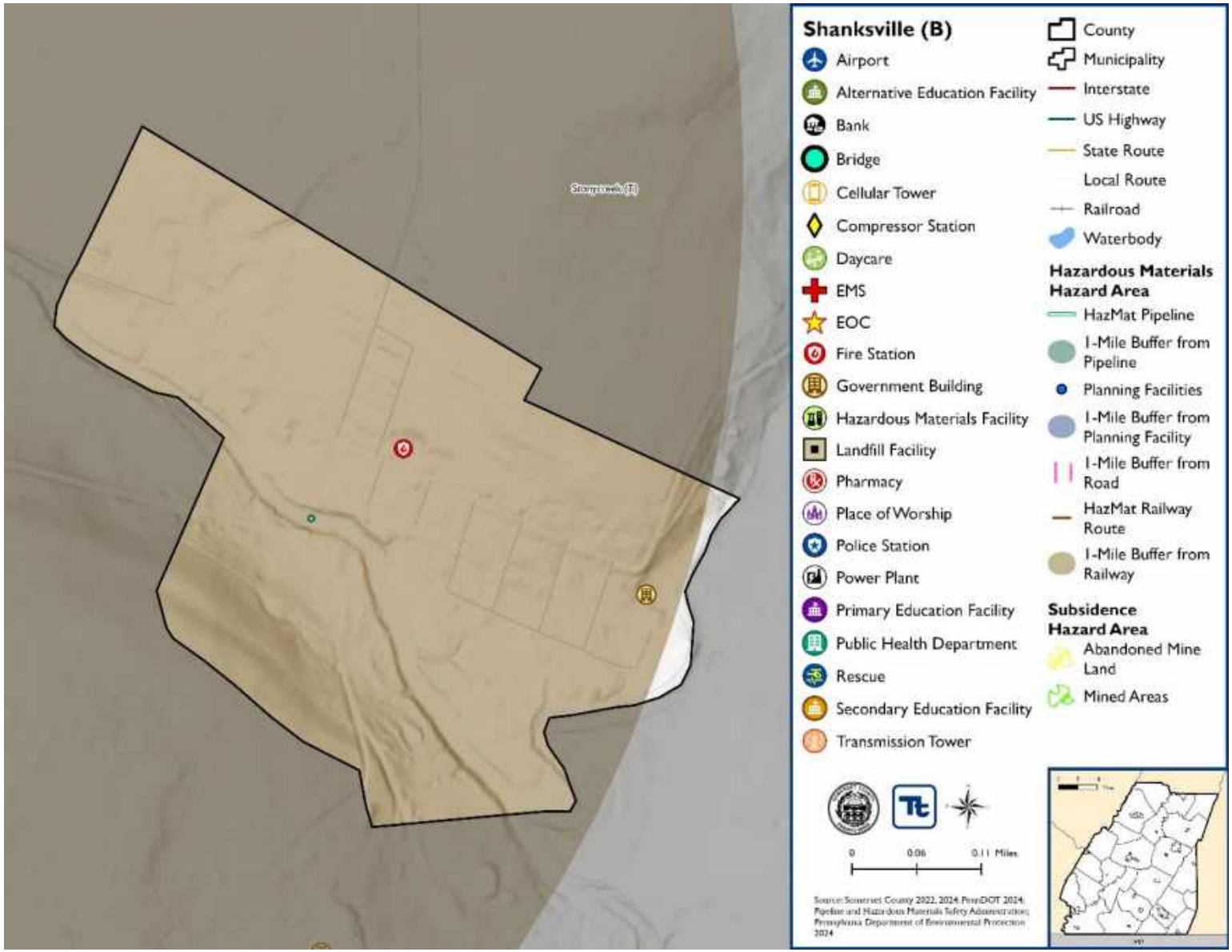
Subsidence/Sinkhole Hazard Area in Seven Springs Borough, PA



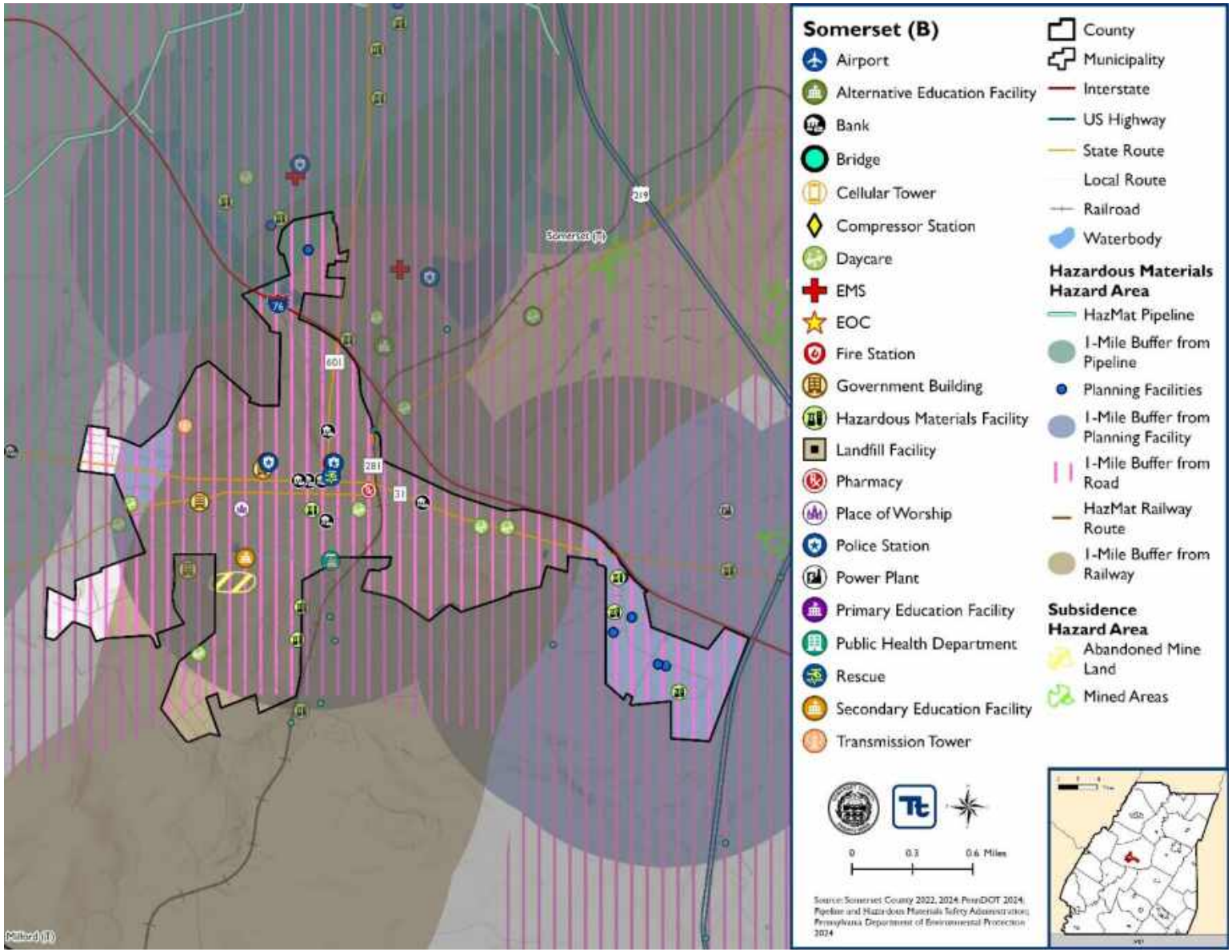
Subsidence/Sinkhole Hazard Area in Shade Township, PA



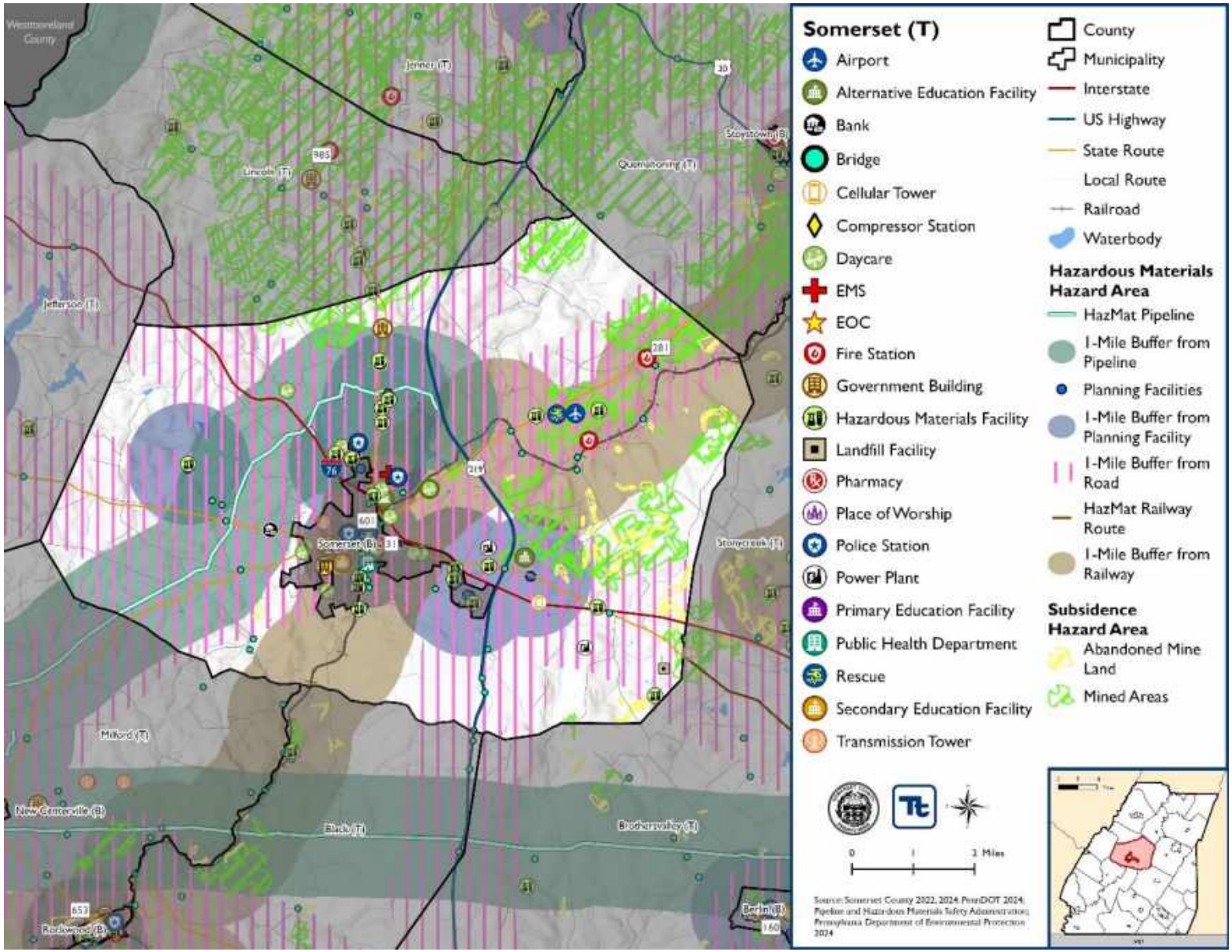
Subsidence/Sinkhole Hazard Area in Shanksville Borough, PA



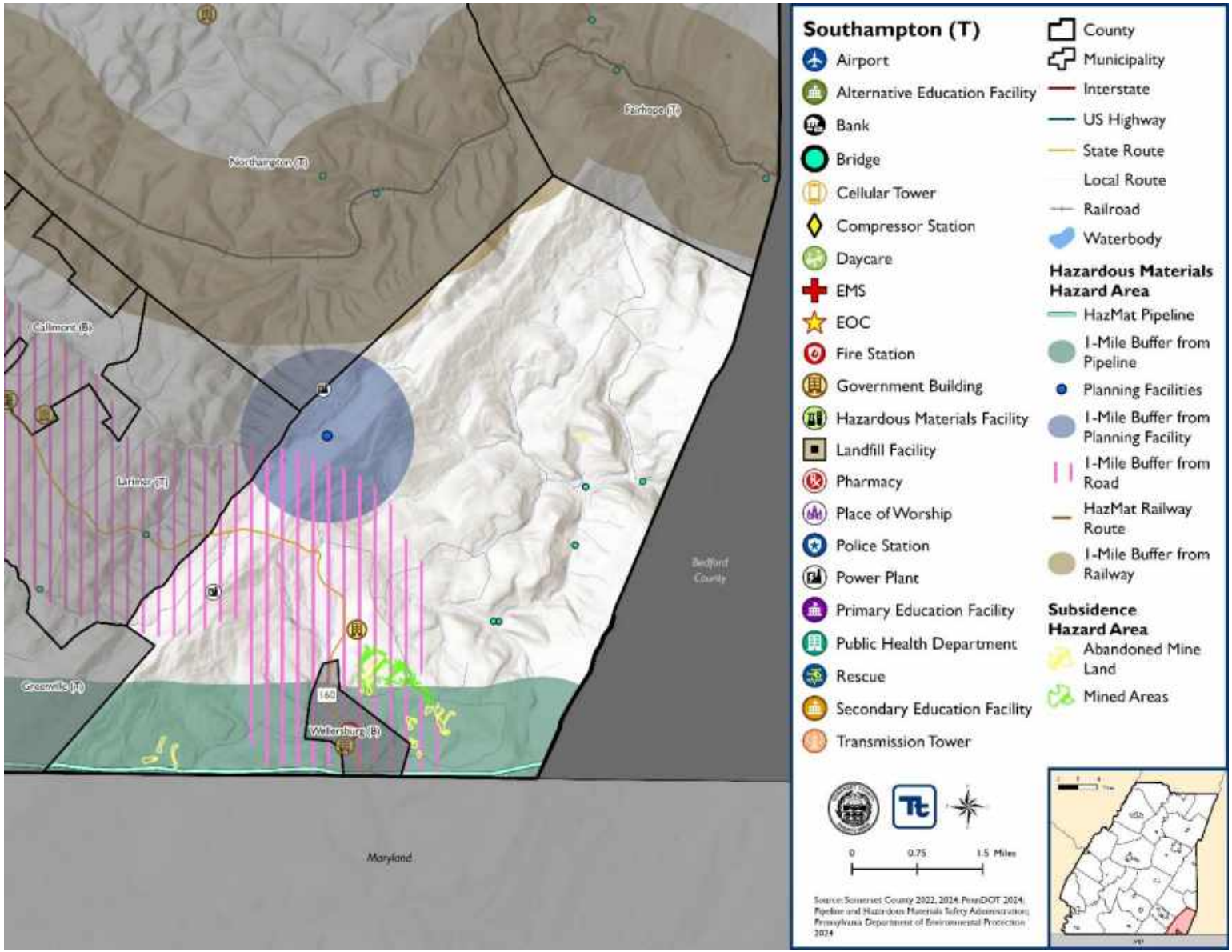
Subsidence/Sinkhole Hazard Area in Somerset Borough, PA



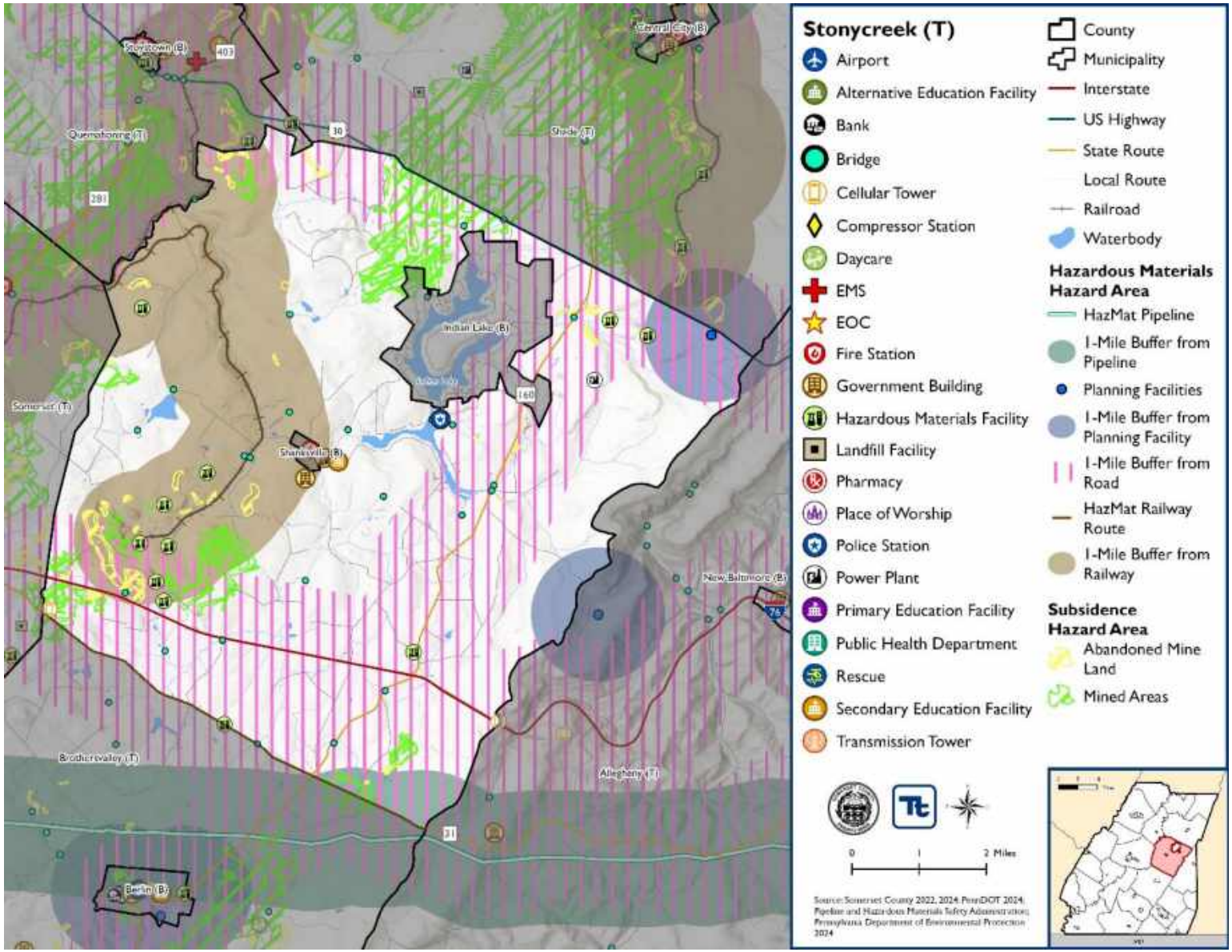
Subsidence/Sinkhole Hazard Area in Somerset Township, PA



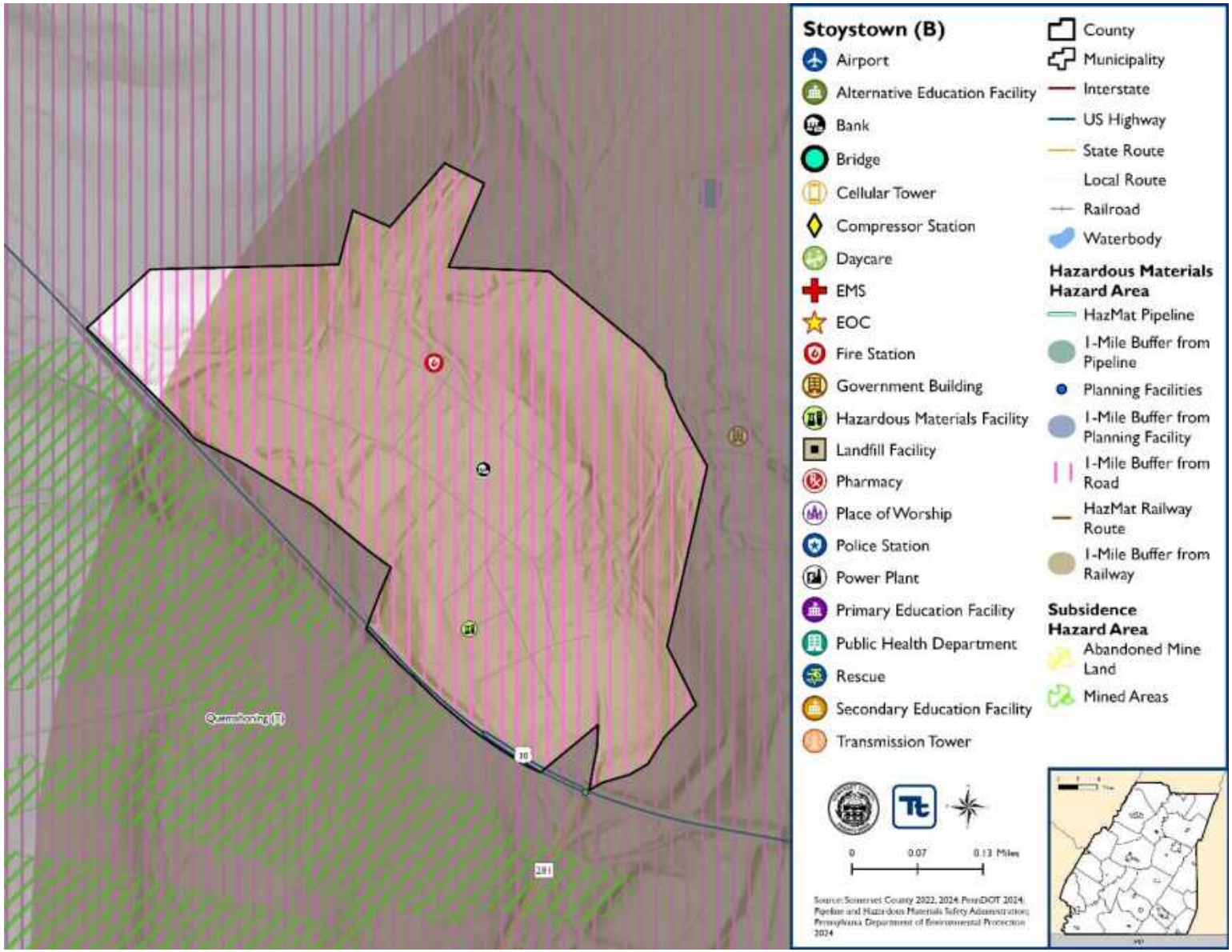
Subsidence/Sinkhole Hazard Area in Southampton Township, PA



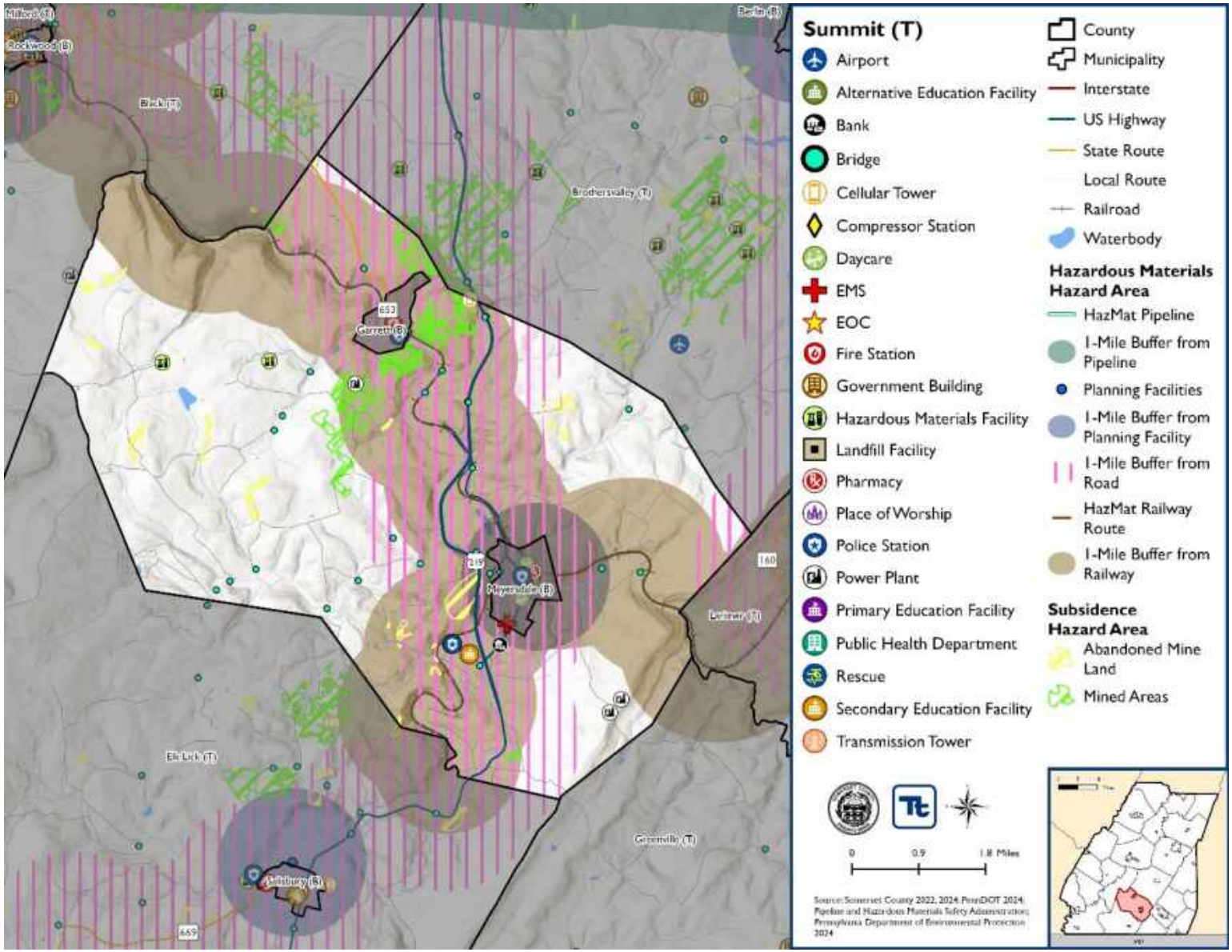
Subsidence/Sinkhole Hazard Area in Stonycreek Township, PA



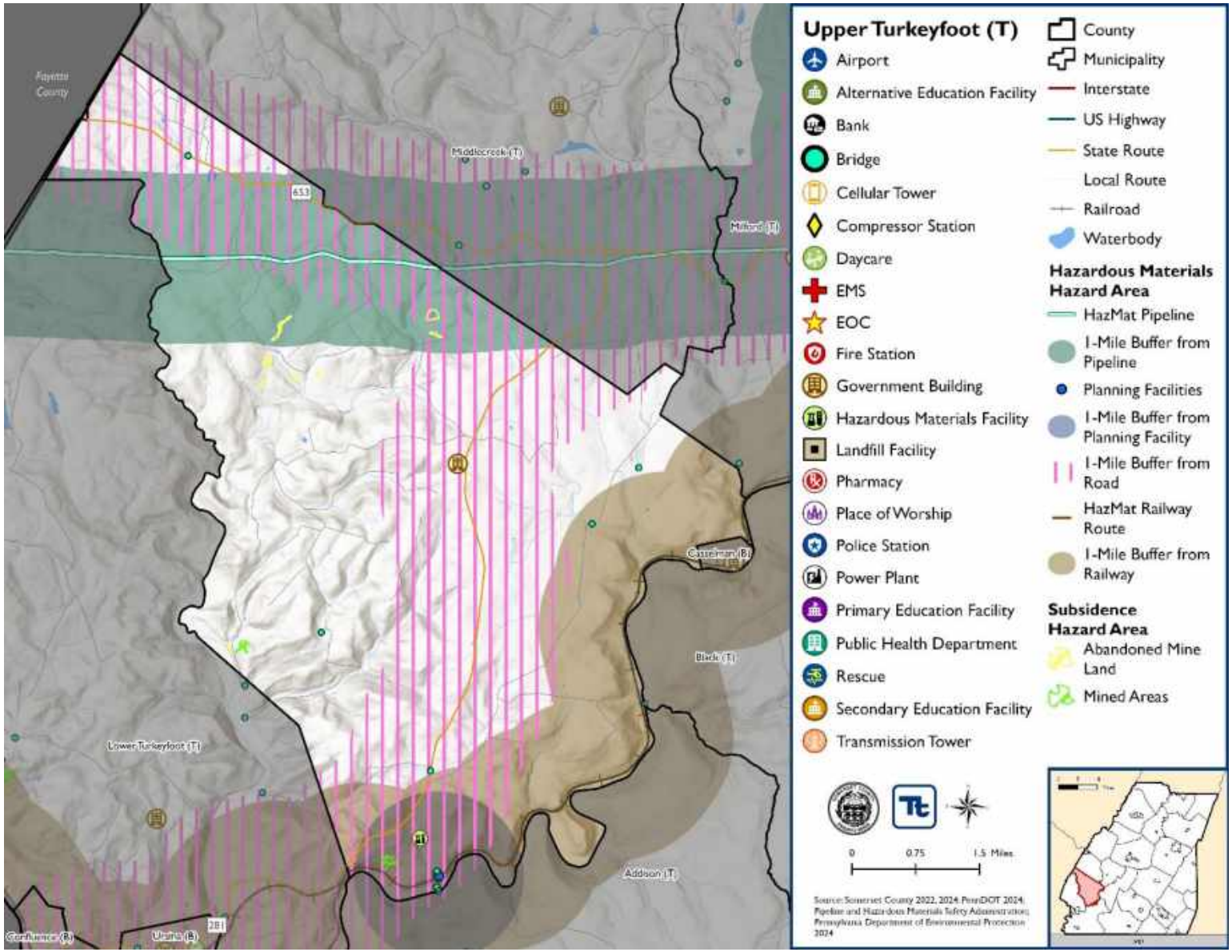
Subsidence/Sinkhole Hazard Area in Stoystown Borough, PA



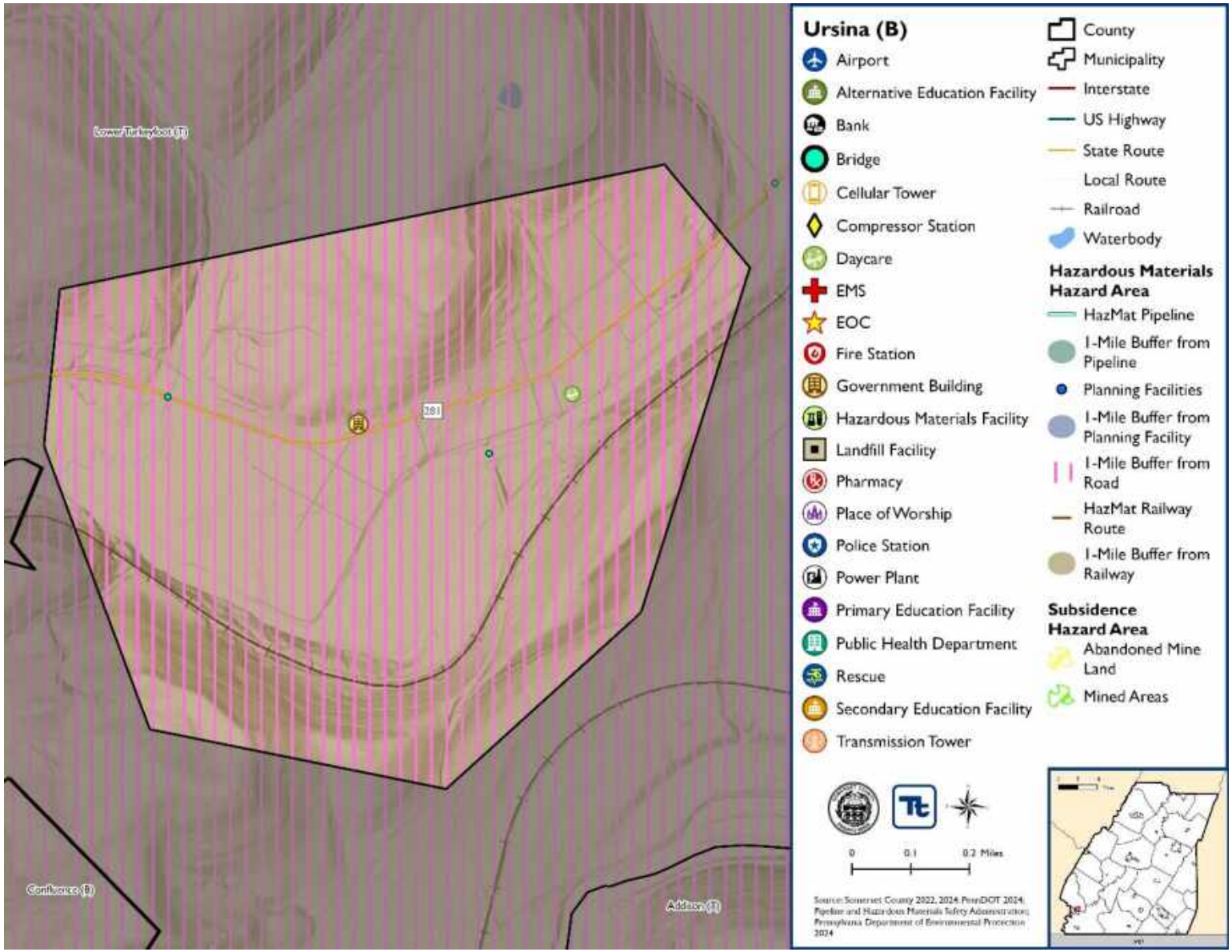
Subsidence/Sinkhole Hazard Area in Summit Township, PA



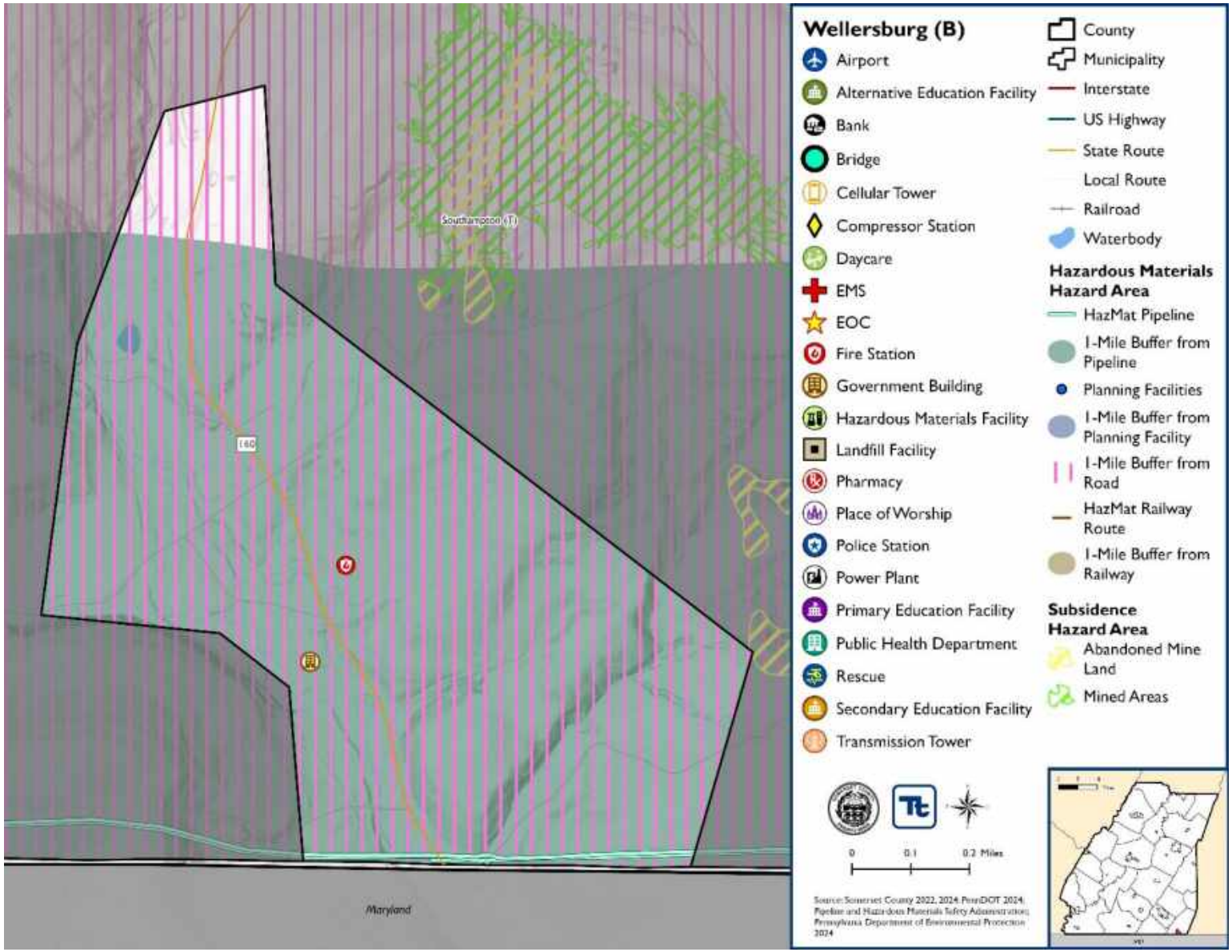
Subsidence/Sinkhole Hazard Area in Upper Turkeyfoot Township, PA



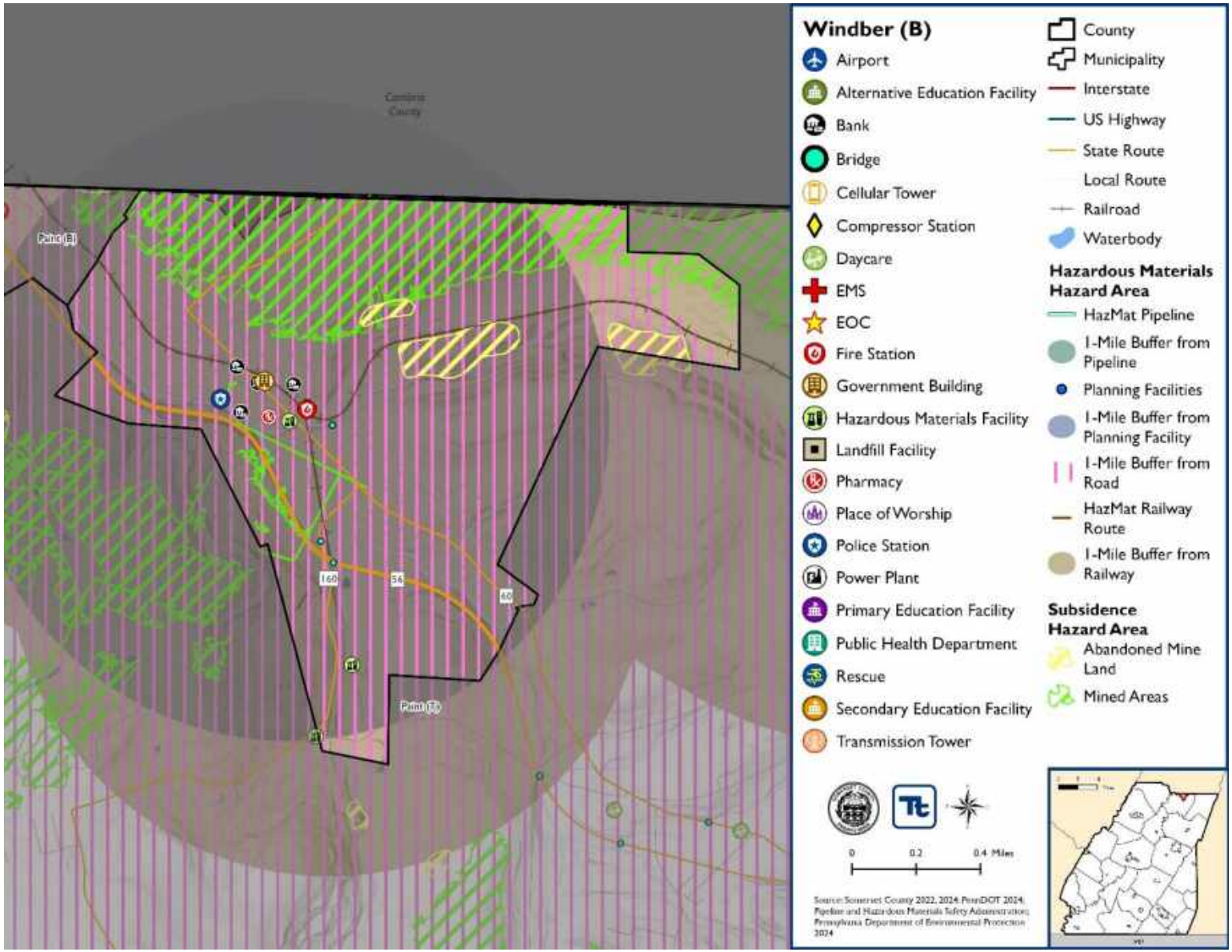
Subsidence/Sinkhole Hazard Area in Ursina Borough, PA



Subsidence/Sinkhole Hazard Area in Wellersburg Borough, PA



Subsidence/Sinkhole Hazard Area in Windber Borough, PA



APPENDIX H:PLANNING PARTNERSHIP HMP ADOPTION RESOLUTIONS

Appendix H includes copies of the resolutions passed by Somerset County and participating municipalities to adopt the 2025 Somerset County Hazard Mitigation Plan.