

Monroe County, Pennsylvania 2021 Hazard Mitigation Plan

APPENDIX A: References

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LOCAL MITIGATION PLAN REVIEW TOOL +HHPD

The *Local Mitigation Plan Review Tool* 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 community.

The FEMA Mitigation Planner must reference this *Local Mitigation Plan Review Guide* when completing the *Local Mitigation Plan Review Tool*.

Jurisdiction: Monroe County, Pennsylvania	Title of Plan: Monroe County, Pennsylvania 2021 Hazard Mitigation Plan	Date of Plan: August 2021
Local Point of Contact: Maryellen Keegan	Address: Monroe County Public Safety Center 100 Gypsum Road, Suite 101 Stroudsburg, PA 18360	E-Mail: mkeegan@monroecountypa.gov
Title: Director		
Agency: Monroe County Office of Emergency Management		
Phone Number: 570.992.4113		

State Reviewer: Ernie Szabo	Title: State Planner	Date: August 19, 2021
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FEMA Reviewer: Joseph A. Bucovetsky	Title: Community Planner	Date: October 24, 2021 2 nd submission review completed November 3, 2021
Joshua Norris (Reviewed for FY21 HHPD grant eligibility) Caroline Williams	MD FIT Hazard Mitigation Planner HM Community Planner	September 9, 2021 October 21, 2021
Date Received in FEMA Region (insert #)	1 st submission: September 9, 2021 2 nd submission: November 2, 2021	
Plan Not Approved	1 st submission: Revisions required	
Plan Approvable Pending Adoption	2 nd submission: November 3, 2021	
Plan Approved		

**SECTION 1:
REGULATION CHECKLIST**

INSTRUCTIONS: The Regulation Checklist must be completed by FEMA. 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.’ The ‘Required Revisions’ summary at the bottom of each Element must be completed by FEMA to provide a clear explanation of the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is ‘Not Met.’ Sub-elements should be referenced in each summary by using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each Element and sub-element are described in detail in this *Plan Review Guide* in Section 4, Regulation Checklist.

1. REGULATION CHECKLIST	Location in Plan (section and/or	Met	Not Met
Regulation (44 CFR § 201.6 Local Mitigation Plans)			
ELEMENT A. PLANNING PROCESS			
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))		X	
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))		X	
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))		2 nd submission X	
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))		X	
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))		X	
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))		X	

1. REGULATION CHECKLIST		Location in Plan (section and/or	Met	Not Met
Regulation (44 CFR § 201.6 Local Mitigation Plans)				
<u>ELEMENT A: REQUIRED REVISIONS</u>				
<p>Recommended Revision: The Plan’s designation of the Local Planning Team as the body to meet annually and following each emergency declaration (Section 7.2) is a good one. The annual event should occur at the same time each year (such as a designated month) and, favorably, in sync with another event that would be drawing the same or similar group of participants together. This identification of the timing of the annual event should be present in Section 7.2. The position of the individual who is responsible for scheduling and convening the annual event, running it, reporting out on it, and following up on it (such as Director, County OEM) should also be identified in Section 7.2.</p> <p>Recommended Revision: The Local Planning Team should be broadly representative, but there are gaps in the current makeup of the group. Section 2.2 of the Plan states that the top industries in the county are health care and tourism, yet there does not appear to be representation from either sector on the Local Planning Team. Section 2.2 of the Plan also states that the Tobyhanna Army Depot is the largest employer in the county, although it does not appear to be represented on the Team. These sectors/businesses/ employers should be added to the Local Planning Team in time for its first post-update annual meeting.</p> <p>Recommended Revision: Section 2.2, <u>Community Facts</u>, would be made stronger by providing more specific information on the major employers in the county. In particular, the number of employees for each of the top 20 employers should be added to Table 1.</p> <p>Recommended Revision: In Section 2.2, the Plan discusses the importance of tourism for Monroe County’s economy. To underscore this, the Plan would be strengthened by containing more information on the tourism sector. Data such as percentage of economic activity and absolute revenue amounts associated with tourism should be added to the Plan.</p> <p>Recommended Revision: The <i>Location in Plan</i> information provided in the <u>Plan Review Tool</u> that accompanied the Hazard Mitigation Plan submission has proven to be virtually unusable to the FEMA reviewers. Aside from parts of the Executive Summary and the first couple of Sections in the document, none of the page numbers cited match with the section/subsections noted nor with the information provided in the Plan relevant to the regulations quoted. <i>Location in Plan</i> information should be accurate on submitted <u>Plan Review Tools</u>.</p>				
ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT				
B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))		2 nd submission X		
B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement §201.6(c)(2)(i))		X		
B3. Is there a description of each identified hazard’s impact on the community as well as an overall summary of the community’s vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))		X		
B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))		X		

1. REGULATION CHECKLIST		Location in Plan	Met	Not Met
Regulation (44 CFR § 201.6 Local Mitigation Plans)		(section and/or		
ELEMENT B: REQUIRED REVISIONS				
<p>Recommended Revision: <i>Municipal Flood Maps</i>, such as those contained in Appendix D, can be valuable content in a Hazard Mitigation Plan, but only if adequate at-risk delineations are also present. As things presently stand, the myriad of dots denoting Site Address Points on the Municipal Flood Maps fails to convey much useful information.</p> <p>Nearby, in Appendix E, are lists of <i>Critical and Special Needs Facilities</i>. This information, in its present form, also fails to convey much. The problem is that the Critical and Special Needs Facilities stuck in Appendix E are stranded from any geographic mooring.</p> <p>These two data pieces should be combined, with Critical and Special Needs Facilities geolocated on the Municipal Flood Maps so that, among other things, those Critical and Special Needs Facilities that are in the Special Flood Hazard Area (SFHA) may be quickly and easily discerned. This data integration action then can provide a significant resource to municipalities and the County in identifying and prioritizing potential mitigation actions and projects.</p> <p>Recommended Revision: The HAZUS flood scenario is presented in Appendix F and discussed in Section 4.3.4.2 but better mapped at-risk facilities and structures than what can be seen in Appendix F are needed to make the HAZUS runs outputs useful in the context of hazard mitigation planning. A good part of the reason to do the HAZUS study is to be able to identify the locations of the most vulnerable properties in the county. The discussion of the HAZUS findings in Section 4.3.4.2 should include detailed maps there (or in an appendix) that permit the reader to see clearly where the most at-risk facilities and structures are in each of the relevant municipalities. Similar to the points made above concerning the desired relationship of <i>Municipal Flood Maps</i> to <i>Critical and Special Needs Facilities</i>, this mapping can provide a significant resource to municipalities and the County in identifying and prioritizing potential mitigation actions and projects.</p>				
ELEMENT C. MITIGATION STRATEGY				
C1. Does the plan document each jurisdiction’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement §201.6(c)(3))			2 nd submission X	
C2. Does the Plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement §201.6(c)(3)(ii))			X	
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))			X	
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 §201.6(c)(3)(ii))			X	
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))			X	

1. REGULATION CHECKLIST		Location in Plan (section and/or	Met	Not Met
Regulation (44 CFR § 201.6 Local Mitigation Plans)				
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))			2 nd submission X	
<u>ELEMENT C: REQUIRED REVISIONS</u>				
<p>Recommended Revision: An important hazard mitigation planning step for Monroe County should be made by explicitly connecting the municipality-by-municipality hazard ranking in Tables 74 through 92 to the <i>Mitigation Action Plan</i> in Table 100 and the <i>Municipal Project Opportunities</i> in Appendix G. This is hinted at in the current Table 100 under Action 4.2.1, the only row in the table that mentions specific municipal entities [including East Stroudsburg University] as 'local champion[s]' for a mitigation action, but the tie-in is still more with Table 101 than with Appendix G. Ideally, a direct link can be shown from a hazard in Tables 74 through 92 to a description of an action in Table 100 to a specific project in Appendix G. Explicitly making this connection in the <u>Mitigation Strategy</u> section of the HMP should position a jurisdiction for favorable consideration for a grant to implement a mitigation project.</p> <p>Recommended Revision: Section 5, <u>Capability Assessment</u>, falls short of what a Section covering this topic should reveal. A set of summary tables that succinctly presents all of the capabilities (planning and regulatory, administrative and technical, financial, education and outreach) of all of the jurisdictions in the planning area would go a long way toward communicating to the reader the basic state of affairs in terms of Monroe County's jurisdictions' capabilities. In addition, the Plan Developer's assessment of those capabilities (not the municipalities assessment of themselves) would supply a critical evaluation of that state of affairs and point the way in terms of future actions to support and possibly augment those capabilities. The next update of the Monroe County HMP should aim to achieve these marks for the <u>Capability Assessment</u> section of the HMP document.</p>				
ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION (applicable to plan updates only)				
D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))			X	
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))			X	
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))			X	
<u>ELEMENT D: REQUIRED REVISIONS</u>				
ELEMENT E. PLAN ADOPTION				
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))				
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))				

1. REGULATION CHECKLIST		Location in Plan	Met	Not Met
Regulation (44 CFR § 201.6 Local Mitigation Plans)		(section and/or		
<u>ELEMENT E: REQUIRED REVISIONS</u>				
ALL DAM RISKS - ELIGIBLE HIGH HAZARD POTENTIAL DAMS				
HHPD1. Did Element A4 (planning process) describe the incorporation of existing plans, studies, reports, and technical information for eligible high hazard potential dams?	Section 5.2.5 Plan Integration on page 291			X
HHPD2. Did Element B3 (risk assessment) address eligible high hazard potential dams in the risk assessment?	Section 4.3.11 Dam and Levee Failure on pages 152-165, and pages 174, 264 - 265			X
HHPD3. Did Element C3 (mitigation goals) include mitigation goals to reduce long-term vulnerabilities from eligible high hazard potential dams that pose an unacceptable risk to the public?	Objective 7.2 under goal 7 on page 309, and pages 319 - 320			X
HHPD4. Did Elements C4-C5 (mitigation actions) prioritize mitigation actions to reduce vulnerabilities from eligible high hazard potential dams?	Actions 7.1.1, 7.1.2, 7.1.3, 7.2.1, 7.2.2, and 7.2.3, and pages 310 – 349.		X	

REQUIRED REVISIONS

RECOMMENDED REVISIONS (Required to be eligible for FY21 HHPD grant funds):

HHPD1: Describe how the state dam safety agency coordinated with the jurisdiction and/or local dam owners. If, dam safety coordination was limited or did not occur, then add narrative to explain this limitation.

HHPD2: Describe all dam risk, namely incremental, non-breach, and residual risk. A summary narrative description of all dam risk is acceptable. Relevant definitions are included below.

Source: "Rehabilitation of High Hazard Potential Dams Grant Program Guidance," June 2020

Incremental Risk: *The risk (likelihood and consequences) to the pool area and downstream floodplain occupants that can be attributed to the presence of the dam should the dam breach prior or subsequent to overtopping, or undergo component malfunction or misoperation, where the consequences considered are over and above those that would occur without dam breach. The consequences typically are due to downstream inundation, but loss of the pool can result in significant consequences in the pool area upstream of the dam.*

Non-Breach Risk: *The risk in the reservoir pool area and affected downstream floodplain due to 'normal' dam operation of the dam (e.g., large spillway flows within the design capacity that exceed channel capacity) or 'overtopping of the dam without breaching' scenarios.*

Residual Risk: *The risk that remains after all mitigation actions and risk reduction actions have been completed. With respect to dams, FEMA defines residual risk as "risk remaining at any time" (FEMA, 2015, p A-2). It is the risk that remains after decisions related to a specific dam safety issue are made and prudent actions have been taken to address the risk. It is the remote risk associated with a condition that was judged to not be a credible dam safety issue.*

HHPD2: Describe the risks and vulnerabilities to and from eligible HHPDs, including:

- Potential cascading impacts of storms, seismic events, landslides, wildfires, etc. on dams that might affect up and downstream flooding potential in terms of breach, non-breach, and residual risk.
- Potential significant social impacts as well as multijurisdictional impacts from a dam incident.
- Location and size of populations at risk from eligible HHPDs as well as potential impacts to institutions and critical infrastructure/facilities/lifelines.
- Documentation of limitations and the approach to address deficiencies.

HHPD3: Link proposed mitigation actions that reduce long-term vulnerabilities from HHPDs to other HMP goals. For example, include a column in Table 100 that lists the multiple 2021 Monroe County goals associated with each HHPD related mitigation action within the plan. Alternatively, add narrative explaining how the HHPD mitigation actions within the plan are tied to other 2021 Monroe County HMP goals (beyond goal 7).

1. REGULATION CHECKLIST

Regulation (44 CFR § 201.6 Local Mitigation Plans)

**Location in
Plan
(section and/or**

Met

**Not
Met**

RECOMMENDED REVISIONS (Not required to be eligible for FY21 HHPD grant funds):

HHPD1: For the next update or plan amendment, include a description of additional types of dam-related data (beyond information from the National Inventory of Dams) that have been integrated into the plan, such as the location and size of the PAR, potential impacts to institutions and critical infrastructure/facilities/community lifelines, EAPs, HEC-RAS, DSS-WISEHCOM, DSS-WISE Lite, FLO-2D, or more detailed studies.

HHPD2: Though the HMP states that there "...have been no occurrences of dam failure or major incidence occurring at the locations of dams in Monroe County. Smaller incidences have occurred but have not had significant impacts in the county..." submitted local hazard identification and risk assessment worksheets in Appendix C describe incidents of dam failure that have occurred since the last plan update. For example, Eldred Township stated that a Knots Lake Dam failure occurred in 2020 and Price Township highlighted that an increase in dam failure has been observed at the Stillwater and Hallowood dams. Consider explicitly describing the reported dam failures in Appendix C within the narrative of the risk assessment.

ELEMENT F. ADDITIONAL STATE REQUIREMENTS (OPTIONAL FOR STATE REVIEWERS ONLY; NOT TO BE COMPLETED BY FEMA)

F1.			
F2.			

ELEMENT F: REQUIRED REVISIONS

Monroe County HMP
Capability Assessment Survey

Municipality: Barrett Township – Rudy Haab - EMC, rhaab@prfal.com 570-688-5643

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	Yes	2016		Monroe OES	County Wide Plan
Emergency Operations Plan	Yes		2020	Barrett Twp	
National Flood Insurance Program (NFIP)	Yes	Circa 2013		FEMA	
Floodplain Regulations (Ordinance)	Yes	03/26/13		Barrett Twp	
Subdivision and land development ordinance	Yes	5/04/05		Barrett Twp	
Comprehensive Land Use Plan (Comp Plan)	Yes	2008		Barrett Twp	
Stormwater Management Plan / Ordinance	Yes	04/24/07		Barrett Twp	
Building Code (UCC)	Yes			Barrett Twp	
Firewise Plan	No				
Storm Ready	No				

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance	No				
Farmland Preservation Plan	No				
Other: (Open Space, Natural Resource, etc.)	No				

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X			
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X			
Emergency Management Coordinator	X			
Floodplain manager	X			
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
TAX Revenue	Barrett Township	Limited

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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		
Fiscal Capability	X		
Community Political Capability	X		

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County Municipality Capability Assessment Survey

Municipality: Chestnuthill Township

Point of Contact/Title: David Albright/Township Manager

Phone: 570-992-7247

E-mail: dalbright@chestnuthilltpa.gov

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		
Hazard Mitigation Plan (HMP)	X	2016		Emergency Management	
Emergency Operations Plan	X			Emergency Management	
Continuity of Operations Plan			X	Board of Supervisors	Eric Hoffman
National Flood Insurance Program (NFIP)	X			Zoning	
Floodplain Regulations (Ordinance)	X	4/16/13		Zoning	
Floodplain Management Plan	X			Zoning	Our ordinances are the management plan
Subdivision and land development ordinance	X	7/16/19		Planning	
Comprehensive Land Use Plan (Comp Plan)	X	4/23/15		Planning	
Stormwater Management Plan / Ordinance	X	3/4/19		Planning	
Building Code (UCC)	X	8/3/2004		3rd Party - BMIS	

Please Return By: September 1, 2015

Monroe County Municipality Capability Assessment Survey

Municipality: Chestnuthill Township

Point of Contact/Title: David Albright/Township Manager

Phone: 570-992-7247

E-mail: dalbright@chestnuthilltpa.gov

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	In Place	Date Adopted or Updated	Under Development		
<i>Firewise Plan</i>					
<i>Storm Ready</i>					
<i>Historic Preservation Plan</i>					
<i>Historic District Ordinance</i>					
<i>Farmland Preservation Plan</i>	X	9/3/96		Planning	Ag. Security Area
<i>Other: (Open Space, Natural Resource, etc.)</i>	X	1/03		Planning	

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
<i>Planners (with land use / land development knowledge)</i>	<input checked="" type="radio"/>	<input type="radio"/>	Planning	
<i>Planners or engineers (with natural and/or human caused hazards knowledge)</i>	<input checked="" type="radio"/>	<input type="radio"/>	3rd Party - Reilly Eng.	

Please Return By: September 1, 2015

Monroe County Municipality Capability Assessment Survey

Municipality: Chestnuthill Township

Point of Contact/Title: David Albright/Township Manager

Phone: 570-992-7247

E-mail: dalbright@chestnuthilltpa.gov

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	<input checked="" type="radio"/>	<input type="radio"/>	3rd Party - Reilly Eng. & BMIS	
Emergency management coordinator	<input checked="" type="radio"/>	<input type="radio"/>	Emergency Management	
Floodplain manager	<input checked="" type="radio"/>	<input type="radio"/>	Zoning	
Land surveyors	<input checked="" type="radio"/>	<input type="radio"/>	3rd Party - Reilly Eng.	
Staff familiar with the hazards of the community	<input checked="" type="radio"/>	<input type="radio"/>	Roads/Admin.	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	<input checked="" type="radio"/>	<input type="radio"/>	Admin./Planning	Also use google maps/earth
Grant writers or fiscal staff to handle large/complex grants	<input checked="" type="radio"/>	<input type="radio"/>	Admin.	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission	<input type="radio"/>	<input checked="" type="radio"/>		

Fiscal 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 of Federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any other comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department / Agency	Comments
Capital improvement programming	<input checked="" type="radio"/>	<input type="radio"/>	Admin.	

Please Return By: September 1, 2015

Monroe County Municipality Capability Assessment Survey

Municipality: Chestnuthill Township

Point of Contact/Title: David Albright/Township Manager

Phone: 570-992-7247

E-mail: dalbright@chestnuthilltpa.gov

<i>Financial Resources</i>	<i>Yes</i>	<i>No</i>	<i>Department / Agency</i>	<i>Comments</i>
Community Development Block Grants (CDBG)	<input checked="" type="radio"/>	<input type="radio"/>	Admin.	
Special purpose taxes	<input checked="" type="radio"/>	<input type="radio"/>	Fire	0.24 mills Fire
Water / sewer fees	<input type="radio"/>	<input checked="" type="radio"/>		
Stormwater utility fees	<input type="radio"/>	<input checked="" type="radio"/>		
Development impact fees	<input type="radio"/>	<input checked="" type="radio"/>		
General obligation, revenue, and/or special tax bonds	<input type="radio"/>	<input checked="" type="radio"/>		
Partnering arrangements or intergovernmental agreements	<input checked="" type="radio"/>	<input type="radio"/>	Emergency Management	MOU's with Jackson, Eldred, Ross, Polk, & Hamilton Townships, MCCC & MOCEM
Other	<input type="radio"/>	<input checked="" type="radio"/>		

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher the score corresponds to a higher degree of community political capability.

←-----→
5-Very Willing **3-Moderately Willing** **0-Unwilling to Adopt Policies/Programs**

Score: 4

Please Return By: September 1, 2015

Monroe County Municipality Capability Assessment Survey

Municipality: Chestnuthill Township

Point of Contact/Title: David Albright/Township Manager

Phone: 570-992-7247

E-mail: dalbright@chestnuthilltpa.gov

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 upon 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
Fiscal Capability			x
Community Political Capability			X

Please return completed surveys to the following address by:

Monroe County Office of Emergency Management
100 Gypsum Road
Stroudsburg, PA 18360

Please Return By: September 1, 2015

Monroe County HMP
Capability Assessment Survey

Municipality: Coolbaugh Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	X	01/17/2012		Monroe County OEM	
Emergency Operations Plan	X	05/20/2013		Coolbaugh Twp. OEM	
National Flood Insurance Program (NFIP)	X	05/2012			
Floodplain Regulations (Ordinance)	X	05/2012			
Subdivision and land development ordinance	X	02/05/2013		Coolbaugh Twp.	Most recent codification in June 18, 2019 Ord#136-2019
Comprehensive Land Use Plan (Comp Plan)	X	06/2005			
Stormwater Management Plan / Ordinance	X	06/17/2014			
Building Code (UCC)	X	2005			

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
<i>Firewise Plan</i>					
<i>Storm Ready</i>					
<i>Historic Preservation Plan or Ordinance</i>					
<i>Farmland Preservation Plan</i>					
<i>Other: (Open Space, Natural Resource, etc.)</i>	X	Open Space	2002	Coolbaugh Twp.	
	X	Zoning	02/05/2013	Coolbaugh Twp.	Most recent codification in June 18, 2019 Ord#136-2019
	X	Natural Features Ordinance	9/16/1993	Coolbaugh Twp.	Most recent codification in June 18, 2019 Ord#136-2019

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
<i>Planners or Engineers (with land use / land development knowledge and hazard knowledge)</i>	X		Russell Kresge, Keystone Consulting Engineers	
<i>Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)</i>	X		Russell Kresge, Keystone Consulting Engineers	
<i>Emergency Management Coordinator</i>	X		William Weimer-EMC Tomas Keane- Deputy EMC Erin Masker- Emergency Management Admin	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Floodplain manager	X		Joseph Brady	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Tomas Keane	
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Partnering arrangements or intergovernmental agreements	General Fund- Board of Supervisors	
Special Purpose Taxes	Board of Supervisors	
Other	Emergency Management Fund	EMC can approve use for mitigation projects

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.

Monroe County HMP
Capability Assessment Survey

Municipality: Borough of Delaware Water Gap

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	9/12/2016				
Emergency Operations Plan			X		
National Flood Insurance Program (NFIP)		X		Flood Plain Coordinator	
Floodplain Regulations (Ordinance)		4/2013			
Subdivision and land development ordinance		X		Zoning/planning commission	
Comprehensive Land Use Plan (Comp Plan)				Planning/Zoning	
Stormwater Management Plan / Ordinance		X		Borough & Engineering firm	
Building Code (UCC)		2020			SFM Consulting, LLC
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)		X			Open Space/Trails-Susan Cooper, Chair

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Boucher and James Engineers	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		SFM Consulting LLC	
Emergency Management Coordinator	X		Darin Schaedel	
Floodplain manager	X		Walt Conway	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		

Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability			X

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: East Stroudsburg Borough

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)					
Emergency Operations Plan		X Adopted 7/5/2006			Last update adopted by Borough Council on 7/5/2006
National Flood Insurance Program (NFIP)		X 1978		Codes	
Floodplain Regulations (Ordinance)		X Adopted 3/19/2013		Codes	Original Ordinance adopted 10/17/78
Subdivision and land development ordinance		X Adopted 8/4/1992		Codes	
Comprehensive Land Use Plan (Comp Plan)		X Adopted 3/20/2018		Codes	The 3/20/2018 revision was a complete revision of the 1990 Comp Plan
Stormwater Management Plan / Ordinance		X Last Revised 9/2/2008		Codes	
Building Code (UCC)		X Adopted 7/1/1999		Codes	As of February 2020, the firm Barry Isett & Associates serves as the Borough's 3 rd party provider of UCC services
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Codes/Administration	Borough Engineer RKR Hess Associates
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Codes	Barry Isett & Associates for UCC Inspections, also we use Jim Wilson, P.E. as a structural engineer when needed
Emergency Management Coordinator	X		Codes	
Floodplain manager	X		Codes	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		We use the Monroe County GIS mapping

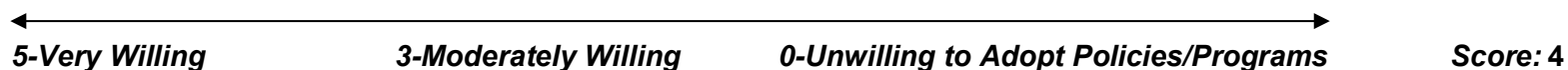
Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
5-year Capital Improvements Plan	Administration	
CDBG	Administration	CDBG funding is limited; \$153,680 for 2020 and is used for ADA curb ramps and the housing rehab program in partnership with the Monroe County Redevelopment Authority. An additional \$76,360 is available specifically for COVID related mitigation.

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Eldred Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	9/14/2016	2016		BOS	Resolution 2016-11
Emergency Operations Plan		2009		BOS	Resolution 2009-01
National Flood Insurance Program (NFIP)		2013	Currently		
Floodplain Regulations (Ordinance)		2013		Zoning	Ordinance 2013-01
Subdivision and land development ordinance		2014/2015		Zoning	Ordinances 2014-01/2014-02 2015-02/2015-03
Comprehensive Land Use Plan (Comp Plan)	2014/2015	2014/2015			
Stormwater Management Plan / Ordinance		2013			Ordinance 2013-01
Building Code (UCC)		2004			Ordinance 2004-01
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					Agricultural Security Area
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Township/Contractor	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	x		Township Code Enforcement	Contractor
Emergency Management Coordinator	x		Township, Contractor and Sheriff's Deputies	
Floodplain manager		x	County Planning Commission	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		x	County Planning Commission	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		x	Defer to County	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		x	Defer to County	

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
In Kind Services (Township)	Public Works	Labor and Equipment
Minimal Financial	Township	Minimal Township Funds Available

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Eldred Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	9/14/2006	2016		BOS	Resolution 2016-11
Emergency Operations Plan		2009		BOS	Resolution 2009-01
National Flood Insurance Program (NFIP)		2013	Currently		
Floodplain Regulations (Ordinance)		2013		Zoning	Ordinance 2013-01
Subdivision and land development ordinance		2014/2015		Zoning	Ordinances 2014-01/2014-02 2015-02/2015-03
Comprehensive Land Use Plan (Comp Plan)	2014/2015	2014/2015			
Stormwater Management Plan / Ordinance		2013			Ordinance 2013-01
Building Code (UCC)		2004			Ordinance 2004-01
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					Agricultural Security Area
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Township/Contractor	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Township Code Enforcement	Contractor
Emergency Management Coordinator	X		Township, Contractor and Sheriff's Deputies	
Floodplain manager		X	County Planning Commission	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X	County Planning Commission	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		x	Defer to County	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		x	Defer to County	

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
In Kind Services (Township)	Public Works	Labor and Equipment
Minimal Financial	Township	Minimal Township Funds Available

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

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Monroe County HMP
Capability Assessment Survey

Municipality: Hamilton Township Monroe County

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	2016			Monroe Co OEM	
Emergency Operations Plan		1/4/2021		Hamilton Twp. Emergency Mgmt. Coordinator	Reviewed and updated annually
National Flood Insurance Program (NFIP)					
Floodplain Regulations (Ordinance)					
Subdivision and land development ordinance		9/11/2000		Hamilton Twp. Zoning	
Comprehensive Land Use Plan (Comp Plan)		6/2005			
Stormwater Management Plan / Ordinance		12/18/2010		Hamilton Twp. Zoning	
Building Code (UCC)				BIU	State building codes are in effect, contracted inspections by BIU
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan	X			Monroe Co. Planning	
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Twp. Engineer - UTRS	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Building codes are contracted to BIU	
Emergency Management Coordinator	X		Will Clark, Hamilton Twp. EMC	
Floodplain manager	X		Robert Rehman, zoning and codes officer	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		Staff has some, but ,limited skills
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **for hazard mitigation purposes** (including as match funds for State of Federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
N/A		

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction’s political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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
Fiscal Capability		X	
Community Political Capability		X	

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Monroe County HMP
Capability Assessment Survey

Municipality: Jackson Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)		X		Secretary/EMC	
Emergency Operations Plan		X		EMC	
National Flood Insurance Program (NFIP)		X		ZONING	
Floodplain Regulations (Ordinance)		X 4/2013		ZONING	
Subdivision and land development ordinance		X 4/2015		ZONING	
Comprehensive Land Use Plan (Comp Plan)		X 11/2006		ZONING	
Stormwater Management Plan / Ordinance		X 4/2009	ZONING		
Building Code (UCC)		X 4/2004	BUILDING		
Firewise Plan				EMC	THROUGH VOLUNTEER FIRE COMPANY
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan	X				COUNTY PROGRAM
Other: (Open Space, Natural Resource, etc.)		X		TOWNSHIP SUPERVISORS	EARNED INCOME TAX (0.25%)

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 or Engineers (with land use / land development knowledge and hazard knowledge)		X		CONSULTANTS ONLY
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		THIRD PARTY AND CONSULTANTS
Emergency Management Coordinator	X		KEITH ELLIOTT 570-234-6688	
Floodplain manager	X	X	ZONING	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
FIRE TAX		JACKSON TOWNSHIP VOLUNTEER FIRE COMPANY

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability	X		

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Monroe County HMP
Capability Assessment Survey

Municipality: MIDDLE SMITHFIELD TOWNSHIP

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	2016	2016	2021	Monroe County	
Emergency Operations Plan		2014	2021	MST	Update waiting solicitor review
National Flood Insurance Program (NFIP)		1982			MST Ordinance #8
Floodplain Regulations (Ordinance)				MST	MST Floodplain Management Plan
Subdivision and land development ordinance		2020		MST	Ordinance 70
Comprehensive Land Use Plan (Comp Plan)		2008	2021	MST	Revisions to be adopted summer 2021
Stormwater Management Plan / Ordinance		2007		MST	Ordinance 156
Building Code (UCC)		2004			
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)		Various			

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Gilmore Associates/Burton Lawson	TWSP Engineer/Alternate Engineer
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		MST Zoning Office & Building Inspector	Shawn McGlynn
Emergency Management Coordinator	X		MST	Kevin Dixon
Floodplain manager	X		TWSP Township Engineer	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		MST Personnel	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants	Yes		MST Personnel	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		No		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability		X	
Community Political Capability		X	

Please return by March 1, 2021 to:

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Hazard Mitigation Plan Update
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Or
Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Mount Pocono Borough

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	2016	2016	X	County and Municipality	New plan under development for 2021
Emergency Operations Plan		12/9/2020		Emergency Management Coordinator (EMC)	
National Flood Insurance Program (NFIP)	9/30/2011	9/30/2011			Flood Insurance Study Number: 42089CV001A
Floodplain Regulations (Ordinance)		na			we have no floodplain
Subdivision and land development ordinance		8/1/2004		zoning	
Comprehensive Land Use Plan (Comp Plan)		9/2/2008		zoning	
Stormwater Management Plan / Ordinance		10/5/2015		zoning	
Building Code (UCC)		2009		Bureau Veritas	

Monroe County HMP
Capability Assessment Survey

Firewise Plan			X	PMVFC	Handle By fire company do have limitation due to low volunteerism and low Fundraising due to low volunteers
Storm Ready			x		we are locking in to batter shelter and snow emergency rt
Historic Preservation Plan or Ordinance			N/A		
Farmland Preservation Plan			N/A		
Other: (Open Space, Natural Resource, etc.)			X	Parks and Recreation	

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Planning Commision	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Bureau Veritas	
Emergency Management Coordinator	X			Acting EMC
Floodplain manager		X		
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Zoning	GIS only. Utilize the County's GIS.

Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

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Monroe County HMP
Capability Assessment Survey

Municipality: Paradise Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	X				
Emergency Operations Plan	X				
National Flood Insurance Program (NFIP)	X				QUALIFIED
Floodplain Regulations (Ordinance)	X	11/19/12		ZONING	
Subdivision and land development ordinance	X	4/3/17		ZO, BOS, PC	
Comprehensive Land Use Plan (Comp Plan)	X	2/17/15		BOS, PC	
Stormwater Management Plan / Ordinance	X	12/16/08		ZO, BOS, PC	
Building Code (UCC)	X	12/4/17		BCO	BUILDING INSPECTIONS UNDERWRITERS
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)	X				

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		PLANNING, ZONING	SFM CONSULTING
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		TOWNSHIP ENGINEER	HANOVER ENGINEERING
Emergency Management Coordinator	X		VOLUNTEER	KEVIN TRANSUE
Floodplain manager	X		ZONING	SFM CONSULTING
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		ZONING, ENGINEER	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
CAPITAL IMPROVEMENT PROGRAMMING	BOS	
SPECIAL PURPOSE TAX	BOS	
PARTNERING ARRANGEMENTS OR INTERGOVERNMENTAL AGREEMENTS	BOS	

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability		X	
Community Political Capability			X

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Monroe County HMP
Capability Assessment Survey

Municipality: Pocono Mountain School District

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. 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.

<i>Tool/Program</i>	<i>Status</i>			<i>Dept. / Agency Responsible</i>	<i>Comments:</i>
	<i>Date Adopted County Plan</i>	<i>Date Adopted Municipal Plan</i>	<i>Under Development</i>		
<i>Hazard Mitigation Plan (HMP)</i>					
<i>Emergency Operations Plan</i>					PMSD "internal" Emergency Operation Plan – adopted 3/1/2018 reviewed annually.
<i>National Flood Insurance Program (NFIP)</i>					
<i>Floodplain Regulations (Ordinance)</i>					
<i>Subdivision and land development ordinance</i>					
<i>Comprehensive Land Use Plan (Comp Plan)</i>					
<i>Stormwater Management Plan / Ordinance</i>					
<i>Building Code (UCC)</i>					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Firewise Plan					
Storm Ready					
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		
Emergency Management Coordinator	X			Wendy Frable PMSD Director of Public Relations and Safety Compliance Jeremy Sawicki PMSD School Safety & Security

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Floodplain manager		X		
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
<i>n/a</i>		

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.

Monroe County HMP
Capability Assessment Survey

5-Very Willing 3-Moderately Willing 0-Unwilling to Adopt Policies/Programs Score: 3

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 upon best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
<i>Planning and Regulatory Capability</i>	X		
<i>Administrative and Technical Capability</i>	X		
<i>Fiscal Capability</i>	X		
<i>Community Political Capability</i>		X	

Board Approval would be required for any District implementation/participation etc.

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
Hazard Mitigation Plan Update
100 Gypsum Rd, Suite 101
Stroudsburg, PA 18360
Or
Email : csnyder@mcmconsultinggrp.com

Municipality: Polk Township – 165 Polk Township Road Kresgeville PA 18333 Updated – February 13, 2021

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)		2016		EMC Assistant EMC	Barry Borger – 570-656-3242 William J Tippet – 570-242-0179
Emergency Operations Plan	3/2019	1/2021		EMC Assistant EMC	Barry Borger – 570-656-3242 William J Tippet – 570-242-0179
National Flood Insurance Program (NFIP)		2013			
Floodplain Regulations (Ordinance)		2020		Zoning Officer	Tracy Herman – 610-681-5376
Subdivision and land development ordinance		2020		Secretary Zoning Officer	Rebecca Tippet – 610-681-5376 Tracy Herman – 610-681-5376
Comprehensive Land Use Plan (Comp Plan)		X		Secretary Zoning Officer	Rebecca Tippet – 610-681-5376 Tracy Herman – 610-681-5376
Stormwater Management Plan / Ordinance		2020		Secretary Zoning Officer	Rebecca Tippet – 610-681-5376 Tracy Herman – 610-681-5376
Building Code (UCC)		2004		Zoning Officer	Tracy Herman – 610-681-5376
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan		2020		Secretary Open Space Secretary	Rebecca Tippett – 610-681-5376 Rebecca Tippett – 610-681-5376
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Russell R. Kresge Jr. Keystone Consulting	rresge@kceinc.com 484-541-3520
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Base Engineering	610-437-0978
Emergency Management Coordinator	X		EMC Assistant EMC	Barry Borger – 570-656-3242 William J Tippett – 570-242-0179
Floodplain manager	X		Zoning Officer	Tracy Herman – 610-681-5376
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Township Office Staff	610-681-5376 Info@polkwp.org

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants	X		Secretary	Rebecca Tippet – 610-681-5376
Historical and Architectural Review Board (HARB) / Historic Preservation Commission	X		Polk Township Historical Society	Norm Burger – 570-460-5753 Pat & Ernie Foucault@ptd.net 610-681-

Fiscal Capability: Please indicate any financial resources that can be used for **hazard mitigation purposes** (including as match funds for State of Federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.

← **5-Very Willing** **3-Moderately Willing** **0-Unwilling to Adopt Policies/Programs** →
 Score: 5

Monroe County HMP
Capability Assessment Survey

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 upon best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
<i>Planning and Regulatory Capability</i>		X	
<i>Administrative and Technical Capability</i>		X	
<i>Fiscal Capability</i>	X		
<i>Community Political Capability</i>		X	

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
Hazard Mitigation Plan Update
100 Gypsum Rd, Suite 101
Stroudsburg, PA 18360
Or
Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Price Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)					
Emergency Operations Plan	X				
National Flood Insurance Program (NFIP)	X				
Floodplain Regulations (Ordinance)	X				
Subdivision and land development ordinance	X				
Comprehensive Land Use Plan (Comp Plan)	X				
Stormwater Management Plan / Ordinance	X				
Building Code (UCC)	X				
Firewise Plan	X				
Storm Ready	X				

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	x		Planning Commission	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Ott Engineering – Township Engineer	
Emergency Management Coordinator	X			
Floodplain manager	x			
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	x			

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Unknown		

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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		
Fiscal Capability	X		
Community Political Capability	X		

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance	12/2014				Regional Plan
Farmland Preservation Plan	4/2019				Regional Plan
Other: (Open Space, Natural Resource, etc.)	X	1/2005			Regional Plan

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Planning Commission	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Engineer	
Emergency Management Coordinator	X		Emergency Mgt	
Floodplain manager	X		Ordinance	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		X		Monroe County Planning

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
N/A		

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.

←—————→ **Score: _____**

5-Very Willing **3-Moderately Willing** **0-Unwilling to Adopt Policies/Programs**

Monroe County HMP
Capability Assessment Survey

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 upon 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
Fiscal Capability			X
Community Political Capability			X

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 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Smithfield Township completed 2/25/2021

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	2016		X		
Emergency Operations Plan		10/23/2012			
National Flood Insurance Program (NFIP)		4/30/2013			
Floodplain Regulations (Ordinance)		4/30/2013			
Subdivision and land development ordinance		9/25/2012			
Comprehensive Land Use Plan (Comp Plan)	2007				
Stormwater Management Plan / Ordinance	2006	10/11/2006			
Building Code (UCC)		5/25/2004			
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)		X		3 rd party
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X		3 rd party
Emergency Management Coordinator	X		Admin	In training
Floodplain manager	X		Zoning	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Zoning	

Monroe County HMP
Capability Assessment Survey

<i>Staff/Personnel Resources</i>	<i>Yes</i>	<i>No</i>	<i>Department / Agency</i>	<i>Comments</i>
<i>Grant writers or fiscal staff to handle large/complex grants</i>		X		
<i>Historical and Architectural Review Board (HARB) / Historic Preservation Commission</i>		X		

Fiscal Capability: Please indicate any financial resources that can be used *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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

<i>Financial Resource</i>	<i>Department / Agency</i>	<i>Comments</i>

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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		
Fiscal Capability	X		
Community Political Capability	X		

Please return by March 1, 2021 to:

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Monroe County HMP
Capability Assessment Survey

Municipality: Stroud Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	9/20/2016			Monroe County	Adopted by Stroud Twp. RESOLUTION NO. <u>2016-51</u>
Emergency Operations Plan		5/2003		Stroud Twp.	
National Flood Insurance Program (NFIP)		4/15/1977		Twp. Floodplain Administrator	
Floodplain Regulations (Ordinance)		1/07/2019 Codification		Stroud Twp.	
Subdivision and land development ordinance		1/07/2019 Codification		Stroud Twp.	
Comprehensive Land Use Plan (Comp Plan)		6/2005 Update in progress		Multi-municipal	Hamilton, Stroud, Pocono Twps. & Stroudsburg Boro
Stormwater Management Plan / Ordinance		1/07/2019 Codification		Stroud Twp.	
Building Code (UCC)		5/01/2004		Stroud Twp.	
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance		6/2005		Multi-municipal	Chapter 7 HSPS Comp. Plan
Farmland Preservation Plan		12/2001		Stroud Twp.	
Other: (Open Space, Natural Resource, etc.)		6/2005		Multi-municipal	Chapter 7 HSPS Comp. Plan
		2002		Multi-municipal	Open Space Plan – Stroud Twp. & Boroughs of Stroudsburg and E. Stroudsburg

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Stroud Twp. Staff Engineer & Consulting Engineer	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Stroud Twp. Staff Engineer & Consulting Engineer; Manter Inspection Co.	
Emergency Management Coordinator	X		Appointed Volunteer	
Floodplain manager	X		Stroud Twp. Staff Engineer – Floodplain Administrator	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Stroud Twp. Staff Engineer	basic GIS mapping for MS4 work currently

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Budget for in General Fund & apply for grants as needed	Stroud Twp. Supervisors	

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability		X	
Community Political Capability			X

Please return by March 1, 2021 to:

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 100 Gypsum Rd, Suite 101
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 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Stroudsburg Borough

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)		11/2/2011		MCOEM	
Emergency Operations Plan		2/15/2019		Stroudsburg EMA	
National Flood Insurance Program (NFIP)		5/1/2013		Stroudsburg Borough	
Floodplain Regulations (Ordinance)		5/1/2013		Stroudsburg Borough	Ordinance #966 3/4/2013
Subdivision and land development ordinance		11/13/1991		Stroudsburg Borough	Ordinance #714 11/13/1991 (amended)
Comprehensive Land Use Plan (Comp Plan)		2005	*	Regional Plan (HSPS)	*Hamilton Township, Stroud Township, Pocono Township & Stroudsburg Borough are working on an update of this plan with Monroe County
Stormwater Management Plan / Ordinance		7/16/2009		Stroudsburg Borough	Ordinance #906 & 907 7/16/2009
Building Code (UCC)					PA UCC is adopted by ref in Ch 5 of the Stroudsburg Borough Code of Ordinances last updated 1-2-2019
Firewise Plan					
Storm Ready					

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance		2/19/2009		Stroudsburg Borough	Updated: Ord #990 6-3-2014, Ord #1028 6-20-2017, Ord #1042 9-19-2017 and Ord #1078 5-7-2019
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		RKR Hess, a Division of UTRS	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Building & Codes Department	
Emergency Management Coordinator	X		Mehmet Barzev	
Floodplain manager	X		Stroudsburg Borough Zoning Officer	As per Floodplain Ordinance, Part 3 "Floodplain Administrator"
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Building & Codes Department	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		X		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission	X		Stroudsburg HARB	

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Community Development Block Grants	Monroe County Redevelopment Authority	
Water/Sewer Fees		Limited to water/sewer mitigation projects
Partnering arrangements or intergovernmental agreements	Varies depending on project	

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction’s political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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
Fiscal Capability		X	
Community Political Capability		X	

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: TOBYHANNA TOWNSHIP

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)			X		Currently under review/update
Emergency Operations Plan			X		Currently under review/update
National Flood Insurance Program (NFIP)		04/25/2013			
Floodplain Regulations (Ordinance)		04/25/2013			
Subdivision and land development ordinance		11/10/2008			
Comprehensive Land Use Plan (Comp Plan)		11/10/2008			
Stormwater Management Plan / Ordinance		12/14/2009			
Building Code (UCC)		05/07/2004			
Firewise Plan					N/A, additional assistance would be needed from the county
Storm Ready					N/A, additional assistance would be needed from the county

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		TOWNSHIP ENGINEER	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		TOWNSHIP ENGINEER	
Emergency Management Coordinator	X		VOLUNTEER/APPOINTED	
Floodplain manager	X		ZONING	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		N		

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants	X		Contractor	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission				

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability		X	
Community Political Capability		X	

Please return by March 1, 2021 to:

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Monroe County HMP
Capability Assessment Survey

Municipality: Tunkhannock

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	2011	2011		County	
Emergency Operations Plan		2014		TWP-EMA	Update 2020
National Flood Insurance Program (NFIP)		2013			
Floodplain Regulations (Ordinance)		1988		Code Officer	
Subdivision and land development ordinance		2005		Codes Officer	Changes 2013
Comprehensive Land Use Plan (Comp Plan)	2020 2030	2000		County	
Stormwater Management Plan / Ordinance					
Building Code (UCC)		2003		Codes-Officer	
Firewise Plan					Have for my HOA Development. Carbon DCNR
Storm Ready	2015	2015		TWP-EMA	Renewed 2020 TWP

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance					
Farmland Preservation Plan					
Other: (Open Space, Natural Resource, etc.)					

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 or Engineers (with land use / land development knowledge and hazard knowledge)	YES		Contractor KCE	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	YES		Bureau Veritas and KCE	
Emergency Management Coordinator	YES		TWP/EMA	
Floodplain manager	YES		Codes Officer	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program		NO		

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants		NO		
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		NO		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Possible CDBG	TWP	Appending approval County or State

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.



Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

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Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Barrett Township, Rudy Haab EMC

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	NC	
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	I	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input type="checkbox"/> <i>Cyber Terrorism</i> |
| <input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization:

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	COVID-19 Pandemic
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	I	2 weeks in last 5 years one that closed toll Rd. Tropical Storm Isais.
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

Do any of these hazards, not previously profiled in the County's hazard mitigation plan, have the potential to affect your municipality significantly? (If so, check box)

- | | |
|--|--|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other: _____</i> |
|--|--|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization:

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	Covid-19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	I	This has increased due to the increase in businesses in the area and attractions that draw people to this area.
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	I	1 confirmed drowning in area lake
Nuclear Incidents	NC	
Disorientation	I	Quite a few people lost in the woods; due to COVID there are many people that are outside in the area and getting lost in the woods.
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|--|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other:</i> _____ |
|---|--|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: *Borough of Delaware Water Gap*

Mayor: *Larry Freshcorn*

Emergency Management Coordinator: *Darin Schaedel*

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Lantern Fly, Ash Borer Beetle
Wildfire	NC	With the huge increase in Park visitors, wildfires have become a concern for the residents.
Pandemic & Infectious Disease	I	Covid-19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Transportation Accidents	I	Accidents have increased due to volume of visitors through DWG to the National Park.
Terrorism - International	NCNC	
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	I	Increase in outdoor river recreation has spiked an increase in visitors. Those visitors are not wearing life jackets and there have been more fatalities in Summer 2020.
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|--|
| <input type="checkbox"/> <i>Expansive Soils</i>

XX <input type="checkbox"/> <i>Opioid Epidemic</i>

<input type="checkbox"/> <i>Extreme Temperatures</i>

<input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Hailstorm</i>

<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>

<input type="checkbox"/> <i>Cyber Terrorism</i>

<input type="checkbox"/> <i>Building/Structure Collapse</i> |
|---|--|

Monroe County Hazard Identification and Risk Evaluation Worksheet

Subsidence and Sinkholes

Landslides

Urban Fire and Explosions

Other: _____

Other Comments

The Borough of Delaware Water Gap is unique among the municipalities of Monroe County as we border The Delaware Water Gap National Recreation Area as well as the Delaware River. Our Borough is the only Appalachian Trail Town in the County. Both of those areas have seen an enormous increase in visitors and foot traffic since the onset of COVID-19. Thousands of visitors come to our Borough monthly to spend time on the Appalachian Trail and participate in water activities in the river. Some of these inexperienced day-tripping visitors are not adhering to the rule of 'no open fires' within the National Park. When they attempt to 'set up camp,' their campsites have caused some small fires. There is a potential to have a more serious wildfire issue with the increase in people. Drownings have also increased as out of state visitors underestimate the danger of the Delaware River and do not heed the warning of wearing a life jacket.

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Hazard Mitigation Plan Update

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Or

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Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: EAST STROUDSBURG BOROUGH

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	Although some may say an increase based on this winter, as a whole there is not much change
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	Obviously, COVID has greatly increased the magnitude of this. As East Stroudsburg Borough is the home of Lehigh Valley Hospital-Pocono and East Stroudsburg University, the Borough has been particularly adversely impacted by this
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	I	See Above
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Terrorism - International	NC	
Dam Failure	I	The Borough owns dams in Smithfield Township that are part of the public water supply. The dams have been identified to be in need of repair.
Hazardous Materials - Transportation	NC	HazMat transportation via rail and I-80 in the Borough is always a concern.
Terrorism - Domestic	I	This is a nationwide concern
Levee Failure	D	The Borough levee system was recertified in 2016
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input checked="" type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input checked="" type="checkbox"/> <i>Cyber Terrorism</i> |
| <input checked="" type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Eldred Township

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	N/C	
Invasive Species	I	Insects, Spotted Lanternfly, Gypsy Moth, Ash and (pine) Hemlock Borers
Wildfire	N/C	
Pandemic & Infectious Disease	I	Covid-19 Pandemic
Extreme Temperatures	N/C	
Hurricane/Tropical Storm	N/C	
Flooding	N/C	
Windstorms	N/C	
Drought	N/C	
Flash Flooding	I	Root Cause- Isolated Thunderstorms
Tornadoes	N/C	
Epidemic	N/C	
Earthquake	N/C	
Ice Jam Flooding	N/C	
Human-caused Hazards		
Transportation Accidents	N/C	
Terrorism - International	N/C	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	I	Knots Lake Dam Failure 2020
Hazardous Materials - Transportation	N/C	
Terrorism - Domestic	N/C	
Levee Failure	N/C	
Drowning	N/C	
Nuclear Incidents	N/C	
Disorientation	N/C	
Hazardous Materials – Fixed Facilities	N/C	

PART II

Other Hazards:

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

- | | |
|--|--|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>
<input checked="" type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input type="checkbox"/> <i>Cyber Terrorism</i>
<input checked="" type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other: Serious Lack of Volunteers mainly
felt in Volunteer Fire Company</i> |
|--|--|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Hamilton Township. Monroe County

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	I	Greater variability from year to year and greater variation in intensity
Invasive Species	I	Spotted Lanternfly, Emerald Ash borer, ticks, gypsy moth potential for harmful algae blooms
Wildfire	NC	
Pandemic & Infectious Disease	I	COVID-19 and variants and still unforeseen viruses
Extreme Temperatures	NC	
Hurricane/Tropical Storm	I	Greater variability from year to year and greater variation in intensity Example; tropical Storm Isaias
Flooding	I	In addition to high rain events, stream channel realignment and gravel bar sedimentation in streams presents hazards
Windstorms	I	Increased number of dead ash trees cause special hazards
Drought	NC	
Flash Flooding	I	See above
Tornadoes	NC	
Epidemic	I	COVID-19 and variants as well as increased commuter population leads to increased interstate spread of diseases
Earthquake	NC	
Ice Jam Flooding	I	In stream debris as well as stream channel realignment and gravel bar sedimentation in streams presents hazards
Human-caused Hazards		
Transportation Accidents	I	Increased traffic flow, especially commercial leads to greater risk
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	Minimal dams in municipality
Hazardous Materials - Transportation	I	Increased commercial traffic on Rt. 33 equals increased risk
Terrorism - Domestic	I	Increased social unrest has largely not affected this county, but could
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	I	Increased public participation in outdoor activities
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input checked="" type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other:</i> _____ |
|---|---|

Other Comments:

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Jackson Township, Monroe County

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Spotted Lantern Fly
Wildfire	I	
Pandemic & Infectious Disease	I	COVID -19
Extreme Temperatures	I	
Hurricane/Tropical Storm	NC	
Flooding	I	Larger volume – longer term storms
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	N/A	
Human-caused Hazards		
Transportation Accidents	I	Increase in population/commerce/tourism
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	I	Modern Gas/Suburban Propane/neighbor Twp warehouse (Neovia Logistics)
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	I	Camps/larger volume of children
Nuclear Incidents	N/A	
Disorientation	I	Elderly/increase of hiking in state parks
Hazardous Materials – Fixed Facilities	I	Modern Gas/Suburban Propane

PART II

Other Hazards:

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

Expansive Soils

Hailstorm

Opioid Epidemic

Mass Food/Animal Feed Contamination

Extreme Temperatures

Cyber Terrorism

Emergency Services

Building/Structure Collapse

Subsidence and Sinkholes

Landslides

Urban Fire and Explosions

Other: Traffic From Camelback Road /

Infrastructure Issue

Other Comments: Fire load in State Parks from ice storms

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: MIDDLE SMITHFIELD TOWNSHIP

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Lantern Fly
Wildfire	NC	
Pandemic & Infectious Disease	I	Covid
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	I	Opioid
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	I	Delaware River incidents
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input checked="" type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input checked="" type="checkbox"/> <i>Cyber Terrorism</i> |
| <input checked="" type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Paradise Township

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	COVID-19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input type="checkbox"/> <i>Cyber Terrorism</i> |
| <input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Appendix 1. Municipality or Organization: Pocono Mountain School District

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	I	2021 increase in frequency of snow storms and nor'easters
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	COVID-19; School Schedule interruptions, Increase in budgetary expenses.
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	I	The District has been using public water on the Swiftwater campus since 2019 and has encountered water loss on 2 separate occasions. (Sullivan Trail, Clear Run Campus and Tobyhanna Elementary operate on well systems).
Flash Flooding	NC	
Tornadoes	I	Experienced on the Clear Run Campus 2019.
Epidemic	I?	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Transportation Accidents	NC	
Terrorism - International	NC	
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	I	Possible target 18,000 gallon propane tank on Sullivan Trail Campus. Future plans for installation of 18,000 gallon propane tank on Swiftwater campus .
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	Gas and Diesel pumps fixed on facilities - Sullivan Trail Campus and Swiftwater Campus. 18,000 gallon propane tank on West Campus.

PART II

Other Hazards:

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

- | | |
|--|---|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>
<input checked="" type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input checked="" type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input checked="" type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input checked="" type="checkbox"/> <i>Cyber Terrorism</i>
<input checked="" type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i> |
|--|---|

Monroe County Hazard Identification and Risk Evaluation Worksheet

Urban Fire and Explosions

Other: _____

Other Comments

Environmental Hazards- Gas and Liquid Pipeline – Gas line rupture on Upper Swiftwater road/314.
Utility Interruptions – Loss of Electric

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management

Hazard Mitigation Plan Update

100 Gypsum Rd, Suite 101

Stroudsburg, PA 18360

Or

Email : csnyder@mcmconsultinggrp.com

Monroe County HMP
Capability Assessment Survey

Municipality: Pocono Township

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. 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:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Hazard Mitigation Plan (HMP)	X	01/2016		Monroe County OEM	
Emergency Operations Plan	X	8/1/2007	Expected completion 6/2021	Pocono Township OES	
National Flood Insurance Program (NFIP)	X	2012			
Floodplain Regulations (Ordinance)	X	05/2012			
Subdivision and land development ordinance	X	04/30/2021		Pocono Township	
Comprehensive Land Use Plan (Comp Plan)	X	2005	Multi-Municipality Under Development	Pocono Township	
Stormwater Management Plan / Ordinance	X	07/06/2020		Pocono Township	
Building Code (UCC)	X	08/17/2020		Pocono Township	
Firewise Plan	X	NA			
Storm Ready	X	10/2018		Pocono Township	

Monroe County HMP
Capability Assessment Survey

Tool/Program	Status			Dept. / Agency Responsible	Comments:
	Date Adopted County Plan	Date Adopted Municipal Plan	Under Development		
Historic Preservation Plan or Ordinance	X	NA			
Farmland Preservation Plan	X	NA			
Other: (Open Space, Natural Resource, etc.)	X	12/1/2014		Pocono Township	

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 or Engineers (with land use / land development knowledge and hazard knowledge)	X		Jon Tresslar, Bocuher & James	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Jon Tresslar, Bocuher & James	
Emergency Management Coordinator	X		Jerrod Belvin EMC	
Floodplain manager	X		Shawn McGlynn SFM Consulting	
Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program	X		Jerrod Belvin EMC	

Monroe County HMP
Capability Assessment Survey

Staff/Personnel Resources	Yes	No	Department / Agency	Comments
Grant writers or fiscal staff to handle large/complex grants	X		Jason Fitzgerald Penn Strategies	
Historical and Architectural Review Board (HARB) / Historic Preservation Commission		X		

Fiscal Capability: Please indicate any financial resources that can be used **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 other comments you may have in the space provided or with attachments. Some potential financial resources are Community Development Block Grants, Special Purpose Taxes, Development Impact Fees or Act 13 Funds

Financial Resource	Department / Agency	Comments
Special Purpose Taxes	Board of Commissioners	
Multi-Municipality MOU / IGA	Board of Commissioners	
Cap/Mitigation	Emergency Management & General Fund	

Community Political Capability: Political capability in this instance is being measured by the degree to which local political leadership (including appointed boards) is willing to enact policies and programs that reduce hazard vulnerabilities in your community, even if met with some opposition. Examples may include guiding development away from identified hazard areas, restricting public investments or capital improvements within hazard areas, or enforcing local development standards that go beyond minimum State or Federal requirements (e.g., building codes, floodplain management, etc.). Rate the jurisdiction's political capability to enact policies and programs that reduce hazard vulnerabilities on a scale from 0 to 5. Generally, a higher score corresponds to a higher degree of community political capability.

←—————→

5-Very Willing **3-Moderately Willing** **0-Unwilling to Adopt Policies/Programs** **Score: 4**

Monroe County HMP
Capability Assessment Survey

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 upon 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	
Fiscal Capability	X		
Community Political Capability		X	

Please return by March 1, 2021 to:

Monroe County Office of Emergency Management
 Hazard Mitigation Plan Update
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360
 Or
 Email : csnyder@mcmconsultinggrp.com

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization:

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	I	Snow / Ice
Invasive Species	I	Lanternfly
Wildfire	NC	
Pandemic & Infectious Disease	I	Covid - 19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	D	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	I	Scheduled PA Turnpike closures
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

Do any of these hazards, not previously profiled in the County's hazard mitigation plan, have the potential to affect your municipality significantly? *(If so, check box)*

- | | |
|---|--|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other:</i> _____ |
|---|--|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Price Township

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Spotted lanternfly
Wildfire	NC	
Pandemic & Infectious Disease	i	COVID 19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	I	COVID 19
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	I	STILLWATER AND HALLOWOOD DAMS
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	I	GENERAL AWARENESS – SECURITY CAMERAS, DOOR LOCKS
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input type="checkbox"/> <i>Cyber Terrorism</i> |
| <input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other:</i> _____ |

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Ross Township

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	I	
Invasive Species	NC	
Wildfire	NC	
Pandemic & Infectious Disease	I	
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	I	
Windstorms	NC	
Drought	NC	
Flash Flooding	I	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| X <input type="checkbox"/> <i>Extreme Temperatures</i> | <input type="checkbox"/> <i>Cyber Terrorism</i> |
| X <input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Smithfield Township

2021.02.24

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

2016 Monroe County Hazard Mitigation Plan Hazards	NC=No Change, I=Increase, D=Decrease	Comments
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Spotted Lanternfly
Wildfire	NC	
Pandemic & Infectious Disease	I	COVID-19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Terrorism - International	NC	
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i> | <input type="checkbox"/> <i>Hailstorm</i> |
| <input type="checkbox"/> <i>Opioid Epidemic</i> | <input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i> |
| <input type="checkbox"/> <i>Extreme Temperatures</i> | <input checked="" type="checkbox"/> <i>Cyber Terrorism</i> |
| <input type="checkbox"/> <i>Emergency Services</i> | <input type="checkbox"/> <i>Building/Structure Collapse</i> |
| <input type="checkbox"/> <i>Subsidence and Sinkholes</i> | <input type="checkbox"/> <i>Landslides</i> |
| <input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Other: _____</i> |

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: STROUD TOWNSHIP

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	knotweed, mile-a-minute, spotted lantern fly increasing
Wildfire	NC	
Pandemic & Infectious Disease	I	Current impact and impact of future variants unknown
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|--|---|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input checked="" type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other:</i> _____ |
|--|---|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization: Borough of Stroudsburg

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Spotted Lantern Fly visible
Wildfire	NC	
Pandemic & Infectious Disease	I	Covid-19 Pandemic 2020-21
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	D	Levee inspected by DEP & Army Corp of Engineers
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	NC	
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	D	See flooding above
Hazardous Materials - Transportation	NC	
Terrorism - Domestic	NC	
Levee Failure	NC	See flooding above
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|--|---|
| <input type="checkbox"/> <i>Expansive Soils</i>

<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>

<input type="checkbox"/> <i>Extreme Temperatures</i>

<input type="checkbox"/> <i>Emergency Services</i>

<input type="checkbox"/> <i>Subsidence and Sinkholes</i>

<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>

<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>

<input checked="" type="checkbox"/> <i>Cyber Terrorism</i>

<input type="checkbox"/> <i>Building/Structure Collapse</i>

<input type="checkbox"/> <i>Landslides</i>

<i>X Other:</i> radon exposure |
|--|---|

Other Comments Re: Cyber Terrorism. The Borough has purchased a Cyber Terrorism Insurance Policy.

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization:

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	NC	
Wildfire	I	Wildland urban-interface is changing – minimal activity to reduce the fuel load by conducting controlled burns
Pandemic & Infectious Disease	I	
Extreme Temperatures	NC	
Hurricane/Tropical Storm	NC	
Flooding	NC	
Windstorms	NC	
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	NC	
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	I	Increased traffic on I-80, I-380, and surrounding roadways
Terrorism - International	NC	

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	I	Aging infrastructure
Hazardous Materials - Transportation	I	Increased traffic on I-80, I-380, and surrounding roadways – LEPC HAZMAT Commodities study
Terrorism - Domestic	I	Active Shooter Hostile Event Response (ASHER)
Levee Failure	I	Aging infrastructure
Drowning	I	Increased tourism due to the COVID-19 Pandemic. Swimming in areas without lifeguards.
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|--|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other:</i> _____ |
|---|--|

Other Comments

Monroe County Hazard Identification and Risk Evaluation Worksheet

Municipality or Organization:

The following natural and human-caused hazards were identified and profiled in the 2016 Monroe County Hazard Mitigation Plan. In the center column, identify how the frequency of occurrence, magnitude of impact and geographic extent has changed in your municipality since the plan update by placing NC: No Change; I: Increase or D: Decrease. If Increase or Decrease is identified, please explain why in the comments column.

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Natural Hazards		
Winter Storms	NC	
Invasive Species	I	Insects, grasses, waterplants
Wildfire	I	Do to Ice Storms and Invasive Spices Killing trees. Fireload
Pandemic & Infectious Disease	I	Covid-19
Extreme Temperatures	NC	
Hurricane/Tropical Storm	I	
Flooding	NC	
Windstorms	I	Days of strong winds and gusting
Drought	NC	
Flash Flooding	NC	
Tornadoes	NC	
Epidemic	I	Homeless Ness, Opiods
Earthquake	NC	
Ice Jam Flooding	NC	
Human-caused Hazards		
Transportation Accidents	I	More deliveries by Tractor Trailers. Highways not updated.
Terrorism - International	I	Not in TWP but Internationly Yes. With Williams and Track?

Monroe County Hazard Identification and Risk Evaluation Worksheet

<i>2016 Monroe County Hazard Mitigation Plan Hazards</i>	NC=No Change, I=Increase, D=Decrease	<i>Comments</i>
Dam Failure	NC	Not in TWP but County Increase
Hazardous Materials - Transportation	I	More deliveries by vehicle and pipe lines
Terrorism - Domestic	I	In Monroe County Close not in TWP
Levee Failure	NC	TWP Not Appical
Drowning	NC	
Nuclear Incidents	NC	
Disorientation	NC	
Hazardous Materials – Fixed Facilities	NC	

PART II

Other Hazards:

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

- | | |
|---|---|
| <input type="checkbox"/> <i>Expansive Soils</i>
<input checked="" type="checkbox"/> <i>Opioid Epidemic</i>
<input type="checkbox"/> <i>Extreme Temperatures</i>
<input checked="" type="checkbox"/> <i>Emergency Services</i>
<input type="checkbox"/> <i>Subsidence and Sinkholes</i>
<input type="checkbox"/> <i>Urban Fire and Explosions</i> | <input checked="" type="checkbox"/> <i>Hailstorm</i>
<input type="checkbox"/> <i>Mass Food/Animal Feed Contamination</i>
<input checked="" type="checkbox"/> <i>Cyber Terrorism</i>
<input type="checkbox"/> <i>Building/Structure Collapse</i>
<input type="checkbox"/> <i>Landslides</i>
<input type="checkbox"/> <i>Other: <u>Volunteerism across-the-board</u></i> |
|---|---|

Other Comments

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: BARETT TOWNSHIP N

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 request for map updates?	If yes, state 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	Monroe County Haz Mitigation Plan input
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	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	Via subcontracted building code inspector and internal Zoning Officer
(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.		

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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	No specific requests, but reviewed under building codes and permit applications

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: _____

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	The Zoning Department has both the FIRM & FIS on file for public review.
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	4/16/2013
c. Does the municipality support request for map updates?	If yes, state how.	Yes	A Meeting with the Zoning Department to review the Ordinance
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	Zoning Ordinance - Section 119.45.E[d]{3}
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	Review the Ordinance and offer Floodplain Maps for public review.
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Zoning Dept. The file is in the address file associated to the letter.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning Department
(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	Zoning Department
(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 Codes & Zoning Department
(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	When submitted by applicant or if the Township receives letter for approved map change.
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	Review Ordinance

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include:</p> <ul style="list-style-type: none"> • Participation in the Community Rating System <p>A. • Prohibition of production or storage of chemicals in SFHA</p> <p>B. • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</p> <p>C. • Prohibition of certain types of residential housing (manufactured homes) in SFHA</p> <p>D. • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</p>	<p>If yes, specify activities.</p>	<p>Yes</p>	<p>A. Section 119-45.F(3)[g] {1,2}</p> <p>B. Section 119-45.F(3)[a]</p> <p>C. Section 119-45.F(3)[b]</p> <p>D. Section 119-45.F(1,2,3)</p> <p style="padding-left: 40px;">i. unless variance is approved or 119-45.k(1) (Existing lots or parcels of record)</p>

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>a. Does the municipality educate community members about the availability and value of flood insurance?</p>	<p>If yes, specify how.</p>	<p>No</p>	
<p>b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?</p>	<p>If yes, specify how.</p>	<p>Yes</p>	<p>When the ordinance is adopted or amended the Township advertises the changes on our website, newspaper, and posted at the Twp. Building.</p>
<p>c. Does the municipality provide general assistance to community members regarding insurance issues?</p>	<p>If yes, specify how.</p>	<p>No</p>	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: COOLBAUGH TOWNSHIP

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Everything is available online
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 request for map updates?	If yes, state how.	Yes	Zoning Officer's coordination through FEMA
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	We would update the MCCD and via LOMA & LOMR's
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	The would be referred to the Army Corps of Engineers for a delineation study
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	The Zoning Office

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	We do not issue permits to all properties only those that meet the requirements that are set forth. The Township Zoning Office
(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	The Township Zoning 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	The Township Zoning Office & Building Codes 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.	Yes	The Township Zoning Office and Building Codes Office
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	Monitored by the Zoning Officer

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: BOROUGH OF DELAWARE WATER GAP

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.	X	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		Unsure
c. Does the municipality support request for map updates?	If yes, state how.	Yes	We work with FEMA on the expansion/retraction of flood plain borders.
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	N/A
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	Via the Flood Plain Coordinator
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.		Unsure. There hasn't been any recent map changes.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning
(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.		N/A
(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	Within the ordinance.
(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	Via the Flood Plain Coordinator
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	Via the Zoning office.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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.	Yes	Through direct mail to those affected in the flood zone.
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: EAST STROUDSBURG BOROUGH

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 in the Codes Office
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	Adopted 3/19/2013
c. Does the municipality support request for map updates?	If yes, state how.	Yes	Provide technical support by the Borough Engineer
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	Review FIRM mapping and provides determinations was to whether a property is located in a floodplain
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Codes Office

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning/Codes Office
(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	Zoning/Codes 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	Zoning/Codes 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.	Yes	Zoning/Codes Office
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	Utilize the enforcement provisions of the Ordinance, when appropriate. There have been no requests for construction within the floodplain within the Borough since its adoption

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include:</p> <ul style="list-style-type: none"> • 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	The existing Ordinance prohibits hospitals, nursing homes and jails or prisons in an SFHA. The existing Ordinance prohibits the commencement of, or any construction of, a new manufactured home park or manufactured home subdivision, or substantial improvement to an existing manufactured home park or manufactured home subdivision in an SFHA. The existing Ordinance prohibits the production or storage of any of the following dangerous materials or substances or which will be used for any activity requiring the maintenance of a supply of more than 550 gallons, or other comparable volume, of any of the following dangerous materials or substances on the premises or which will involve the production, storage, or use or any amount of radioactive substances in an SFHA. The following is a list of materials and substances that are considered dangerous to human life: Acetone, Ammonia, Benzene, Calcium carbide, Carbon disulfide, Celluloid, Chlorine, Hydrochloric acid, Hydrocyanic acid, Magnesium, Nitric acid and oxides of nitrogen, Pesticides (including insecticides, fungicides, and rodenticides), Petroleum products (gasoline, fuel oil, etc.), Phosphorus, Potassium, Radioactive substances, insofar as such substances are not otherwise regulated, Sodium, Sulphur and Sulphur products

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Provides letters of determination as to whether a property is located within a SHFA
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NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: ELDRED TOWNSHIP

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Defer to Monroe County Planning
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.		
c. Does the municipality support request for map updates?	If yes, state how.	No	Defer to Monroe County Planning
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	Defer to Monroe County Planning
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	Defer to Monroe County Planning
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	Defer to Monroe County Planning

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Ordinance 2013-01
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning
(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	Zoning
(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	Zoning
(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	Zoning
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	Inspections/ Zoning/ Engineering

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include:</p> <ul style="list-style-type: none"> • 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	Ordinance 2013-01

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: HAMILTON TOWNSHIP MONROE COUNTY_____

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Located at township offices
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 request for map updates?	If yes, state 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.		
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Zoning office maintains the flood zone ordinance and associated documents

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Hamilton Twp. Zoning office
(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	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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	Each land development plan is reviewed for potential hazards

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: JACKSON TOWNSHIP, MONROE COUNTY

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	Paper and GIS
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	Ordinance 2013-101 Adopted April 18,2013.
c. Does the municipality support request for map updates?	If yes, state how.	No	They must send to FEMA for review.
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	N/A
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	Would look into questionable developments to determine if in SFHA.
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	Zoning

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning
(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	Zoning
(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	Zoning
(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	Zoning
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	If development were to take place in SFHA's, then owner would be required to comply with ordinance.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: MIDDLE SMITHFIELD TOWNSHIP

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 request for map updates?	If yes, state 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.	Yes	Send to County EMA
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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Included in zoning ordinance
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	Yes	Zoning
(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	Zoning
(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 code regulates zoning and building
(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	Through zoning

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: _____ **MT POCONO** _____

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Have a copy of the county wide FIS.
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	the one we have on file 9 /30/2011
c. Does the municipality support request for map updates?	If yes, state 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.	na	there no floodplain determination
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	we have no Foodplain
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	No	NA - no flood areas in the Borough
(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.	yes	building cods
(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: <ul style="list-style-type: none"> • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA 	If yes, specify activities.	no	we do not have any floodplains



<ul style="list-style-type: none"> • 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 			
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3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	



NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: POCONO TOWNSHIP

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	Accessible Online
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 request for map updates?	If yes, state how.	YES	Zoning, FEMA / HAZUS, USACE
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	Updated w MC GIS & HAZUS & PEMA
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	MCCD & USACE
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	YES	Zoning, Permit Manager

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	YES	Zoning Office
(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	Zoning 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	Public Works, Zoning, Codes Enforcement
(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	Zoning, Codes Enforcement
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	Zoning, Codes Enforcement

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include:</p> <ul style="list-style-type: none"> • 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	We would be more than willing to participate, with county or other municipalities

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Can advise proper channels

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: POLK TOWNSHIP - 165 POLK TOWNSHIP ROAD KRESGEVILLE PA 18333

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	2020 , originally 2013
c. Does the municipality support request for map updates?	If yes, state 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.	yes	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	yes	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	yes	

2. FLOODPLAIN MANAGEMENT

<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	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	
(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	

2. FLOODPLAIN MANAGEMENT

<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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

<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: PRICE TOWNSHIP

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	POSTED THROUGHOUT TOWNSHIP OFFICE
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 request for map updates?	If yes, state how.	YES	THROUGH GIS SYSTEM
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.	NA	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	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	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: SMITHFIELD TOWNSHIP - COMPLETED 02.25.2021

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 ONLINE
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	YES	4/30/2013
c. Does the municipality support request for map updates?	If yes, state how.	YES	UPDATED AS NECESSARY
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.	N/A	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	YES	STAFF REVIEW
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	YES	ADMIN/ZONING

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	YES	ENGINEERING/ZONING
(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	ENGINEERING/ZONING
(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	ENGINEERING/ZONING
(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	ENGINEERING/ZONING
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	ENGINEERING/ZONING

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 • No development on new parcels

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	YES	NEWSLETTER/SOCIAL MEDIA/PAMPHLETS
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	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: **STROUD TOWNSHIP**

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Hard Copies of the Flood Insurance Rate Maps are kept in the Township Planning Administrator/Floodplain Administrator office
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	Reference in Floodplain Ordinance adopted 4/2/2013
c. Does the municipality support request for map updates?	If yes, state how.	No	This hasn't come up lately
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	This hasn't come up but the Township would share information with FEMA.
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	This hasn't come up lately
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	In the Township Planning Administrator/Floodplain Administrator office

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	Township Supervisors – Conditional Use approvals
(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 Supervisors – Subdivision and Land Development Plan approvals
(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	Floodplain Administrator typically in coordination with Zoning Officer Building Codes Official
(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	Records are kept in the property files
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	Notices of violation are sent to the property owner and followed up on to achieve compliance. Violations are also referred to the MCCD and/or PADEP if they involve stream encroachment.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
<p>c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include:</p> <ul style="list-style-type: none"> • 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	<p>Prohibition of production or storage of chemicals in SFHA</p> <p>Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</p> <p>Prohibition of new buildings in SFHA</p>

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	Help property owners locate their property on the FIRM and provide guidance with respect to obtaining elevation certificates

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: TOBYHANNA TOWNSHIP

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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	April 25, 2013
c. Does the municipality support request for map updates?	If yes, state how.	Yes	In accordance with Chapter 77 of township code, Ordinance 499
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	Chapter 77-9
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	When a qualified individual or agency documents the need for such revision
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	The "Zoning Officer"

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	If yes, specify the office responsible.	Yes	The "Zoning Officer"
(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	The "Zoning Officer"
(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	The "Zoning Officer"
(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	The "Zoning Officer"
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.		

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	Yes	Informational resources on the website
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	Public notices and meetings
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.		

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: TUNKHANNOCK

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. 2013	Yes	
c. Does the municipality support request for map updates?	If yes, state 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	If TWP Notified via County on up.

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
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 (SFHAs)?	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	Not applicable. The only known floodplain in the municipality is designated Greenspace which can not be developed.
(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	Not applicable. See above
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	Not applicable. See above

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • 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	Not applicable

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	Not applicable
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	Not applicable
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	Not applicable

Monroe County Hazard Mitigation Plan Update Local Planning Team Kick-Off Meeting Agenda

February 4, 2021 2:00 P.M.

CALL TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

Introductions:

Monroe County EMA
MCM Consulting Group, Inc.
Local Planning Team

Business:

Local Planning Team:

- Roles and responsibilities.
- What should the new plan look like?

Project schedule review:

- Review the current schedule.

Monroe County Hazard Mitigation Plan:

- Review of the current plan.
- 2016 plan is available at:
<http://www.monroecountypa.gov/Dept/EMA/Pages/HazMit.aspx> Municipality Adoption of the Monroe County Plan
- Discuss the 2021 update process.

Capability assessments:

- Discuss county and municipal capability assessment forms.
- Complete online at: <https://www.surveymonkey.com/r/monroecapabilitysurvey>
- **DUE: March 1, 2021**

Risk assessment:

- Discuss county and municipal hazard identification and risk evaluation forms.
- Complete online at: <https://www.surveymonkey.com/r/monroehazardid>

- **DUE: March 1, 2021**

Other Planning Items

- Discuss shared Dropbox and worksheet tracker document.
- Discuss community preparedness survey.

General Discussion

Closing Comments by Monroe County and MCM

Next Meeting:

The next LPT meeting will be held on March 3, 2021 at 2:00 P.M. via Zoom.

Next meeting: March 3, 2021 at 2:00 P.M. via Zoom

Monroe County Hazard Mitigation Plan Update Local Planning Team Kick-Off Meeting Agenda

February 4, 2021 2:00 P.M.

CALLED TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

ATTENDEES:

Monroe County EMA

Maryellen Keegan

Christine Meinhart-Fritz

Lynda Messerschmidt

Local Planning Team

Kristina Heaney, Conservation District

Annie Polkowski, Conservation District

Kevin Dixon, Middle Smithfield Township

Kevin Transure, Paradise Township

Tina Transure, Paradise Township

Nate Black, ESU

Bob Heil, Hamilton Township

Julie Heilakka, Smithfield Township

Rich Gannon, Mount Pocono Borough

Michael Penn, Mount Pocono Borough

Joshua Walker, Mount Pocono Borough

Patti O'Keefe, Barrett Township

Rudy Haab, Barrett Township

Lynn Courtright, Pleasant Valley School District

Bill Byron, Tunkhannock Township

Curtis Beam, Pocono Mountain School District

Eric Hoffman, Chestnuthill Township

Gary Hoffman, Eldred Township

Daryl Eppley

Bill Weimer, Coolbaugh Township

Lori Kerrigan

Drew Wagner

Ryan Hill

J. Christy

Jen Strauch

MCM Consulting Group, Inc.

Corbin Snyder, MCM Consulting Group, Inc.

Valerie Zents, MCM Consulting Group, Inc.

Business:

Local Planning Team:

- Discussed roles and responsibilities.
- Discussed how the new plan will look like.

Project schedule review:

- Reviewed the current schedule.

Monroe County Hazard Mitigation Plan:

- Reviewed the current plan.
- 2016 plan is available at:
http://www.monroecountypa.gov/Dept/EMA/Pages/HazMit.aspxMunicipality_Adoption_of_the_Monroe_County_Plan
- Discussed the 2021 update process.

Capability assessments:

- Discussed county and municipal capability assessment forms.
- These can be completed:
 - Hardcopy and mailed to Monroe EMA
 - Online at: <https://www.surveymonkey.com/r/monroecapabilitysurvey>
 - Emailed to Corbin Snyder at csnyder@mcmconsultinggrp.com
- **DUE: March 1, 2021**

Risk assessment:

- Discuss county and municipal hazard identification and risk evaluation forms.
- These can be completed:
 - Hardcopy and mailed to Monroe EMA.
 - Online at: <https://www.surveymonkey.com/r/monroehazardid>
 - Emailed to Corbin Snyder at csnyder@mcmconsultinggrp.com
- **DUE: March 1, 2021**

Other Planning Items

- Discussed the shared Dropbox and worksheet tracker document.
- Discussed community preparedness survey.
- Discussed HMP worksheet tracker.
- Discussed community preparedness survey, via SurveyMonkey.

General Discussion

Annie Polkowski gave a brief presentation on Act 167 Stormwater and is seeking input for the plan. The Conservation District invites all participants to a meeting on February 24, 2021 via Zoom. There are three current Act 167 plans for Monroe County. The goal is to have this update completed in conjunction with the hazard mitigation plan update.

Closing Comments by Monroe County and MCM:

Monroe County thanked all that participated and advised they will assist any municipality with completion of the forms discussed at this meeting.

Next Meeting:

The next LPT meeting will be held on March 3, 2021 at 2:00 P.M. via Zoom.

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Agenda

March 3, 2021 2:00 P.M.

CALL TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

Introductions:

Business:

Project schedule review:

- Review the current schedule.

Monroe County Hazard Mitigation Plan:

- 2016 plan is available at:
http://www.monroecountypa.gov/Dept/EMA/Pages/HazMit.aspxMunicipality_Adoption_of_the_Monroe_County_Plan

Capability assessments:

- Review worksheet tracker.
 - Received from 19 municipalities.
 - Discuss approach to engaging non-participating municipalities.
 - Municipalities can reach out to Corbin if assistance is needed.
 - Final day for submission was **March 1, 2021**.

Risk assessment:

- Review worksheet tracker.
 - Received from 19 municipalities.
 - Discuss approach to engaging non-participating municipalities.
 - Final day for submission was **March 1, 2021**.
- Review the current list of hazards.
- Finalize the list of hazards for the 2021 update.
- Discuss Risk Factor Assessment tool and excel document.

Other Planning Items

- Discuss shared Dropbox.
- Discuss community preparedness survey.

Next meeting: March 31, 2021 at 2:00 P.M. via Zoom

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Agenda

March 31, 2020 2:00 P.M.

CALL TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

Business:

Project schedule review:

- Review the current schedule.
- Discuss municipal project opportunity form development meetings.

Capabilities assessments results:

- Municipal capability assessment results – Received from all except Stroudsburg Borough.

Risk Assessment:

- Hazard identification worksheet results – Received from all except Stroudsburg Borough.
- Discuss a strategy for obtaining missing documents.
- Municipalities that need assistance can contact Corbin.
- Risk Factor Assessment – Received from 17 municipalities.
- Finalize the Risk Factor Assessment.

Mitigation Strategy:

- Review and discuss the 2016 goals and objectives.
- Review and discuss the 2016 mitigation actions review document.
- Identify new 2021 mitigation goals/objectives.
- Identify new 2021 mitigation actions.

Next meeting:

- The next Local Planning Team meeting is scheduled for April 15, 2021 at 2:00 P.M.

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Agenda

April 15, 2020 2:00 P.M.

CALL TO ORDER:

Corbin Snyder, MCM Consulting Group, Inc.

Business:

Project schedule review:

- Review the current schedule.
- Discuss municipal mitigation strategy meetings.

Community preparedness survey:

- Discuss the process of this survey.

Capabilities assessments results:

- Municipal capability assessment results – Received from all municipalities.

Risk Assessment:

- Hazard identification worksheet results – Received from all municipalities.
- Risk Factor Comparison – Received from all municipalities.
- Discuss risk assessment presentation.

Mitigation Strategy:

- Assess and discuss the 2016 mitigation actions review.
- Identify new 2021 mitigation actions.

Next meeting:

- The next Local Planning Team meeting is scheduled for April 29, 2021 at 2:00 P.M.

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Minutes

March 3, 2021 2:00 P.M.

CALLED TO ORDER: Michael Rearick, MCM Consulting Group, Inc.

ATTENDEES: Maryellen Keegan, Monroe County EMA
Christine Meinhart-Fritz, Monroe County Planning
Lynda Messerschmidt, Monroe County EMA
Kristina Heaney, Monroe County Conservation District
Kevin Dixon, Middle Smithfield Township
Nate Black, ESU
Buddy Buzzard, Hamilton Township
Julie Heilakka, Smithfield Township
Rich Gannon, Mount Pocono Borough
Joshua Walker, Mount Pocono Borough, Manager
Rudy Haab, Barrett Township
Bill Byron, Tunkhannock Township
Curtis Beam, Pocono Mountain School District
Gary Hoffman, Eldred Township
John Brown, Monroe County Career & Technical Institute
Barry Borger, Polk Township
John Mathews
Corbin Snyder, MCM Consulting Group, Inc.
Valerie Zents, MCM Consulting Group, Inc.

Business:

Reviewed the current project schedule.

Monroe County Hazard Mitigation Plan:

- 2016 plan is available at:
http://www.monroecountypa.gov/Dept/EMA/Pages/HazMit.aspxMunicipality_Adoption_of_the_Monroe_County_Plan

Capability assessments:

- Reviewed worksheet tracker.
 - Received from nineteen municipalities.
 - Stroudsburg Borough is the only municipality missing. The county EMA will continue to try and engage them in the process.
 - East Stroudsburg University and Pocono Mountain School District have also participated.

- Municipalities can reach out to Corbin if assistance is needed.
- Final day for submission was **March 1, 2021**.

Risk assessment:

- Reviewed worksheet tracker.
 - Received from nineteen municipalities.
 - Final day for submission was **March 1, 2021**.
- Reviewed the current list of hazards.
 - Reviewed the 2016 hazards in terms of no change, increase, or decrease to the hazards.
 - Regarding pandemic and infectious disease, county resources on COVID-19 were requested to assist with writing the profile. The numbers for Monroe County do not show the impact, with the county's proximity to the metropolitan areas, sustained with people leaving the metropolitan area and going to their secondary homes. This vulnerability issue needs to be identified in the profile.
 - Finalized the list of hazards for the 2021 update, to include the following new hazards:
 - Opioid /substance abuse. To include overdoses and meth labs.
 - Emergency services shortages. To include shortages to personnel, financial constraints, and training issues for EMS, fire, and law enforcement.
 - Cyber terrorism/incidents.
- Discussed the Risk Factor Assessment tool and excel document. As a group, utility interruption hazard profile was worked through. Each municipality will work on the tool and then combine the results for the whole county.

Other Planning Items

- Discussed the shared Dropbox. An invite will be sent to the local planning team members to make sure they have access.
- Discussed the community preparedness survey.

Next meeting: March 31, 2021 at 2:00 P.M. via Zoom

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Minutes

March 31, 2020 2:00 P.M.

CALLED TO ORDER:
ATTENDEES:

Corbin Snyder, MCM Consulting Group, Inc.
Maryellen Keegan, Monroe County EMA
Lynda Messerschmidt, Monroe County EMA
Kristina Heaney, Monroe County Conservation District
Kevin Dixon, Middle Smithfield Township
Nate Black, ESU
Bob Heil, Hamilton Township
Julie Heilakka, Smithfield Township
Rich Gannon, Mount Pocono Borough
Bill Byron, Tunkhannock Township
Eric Hoffman, Chestnuthill Township
Gary Hoffman, Eldred Township
Barry Borger, Polk Township
Robert Wilson, Price Township
Keith Elliot, Jackson Township
Mary Walton, East Stroudsburg Borough
Michael Rearick, MCM Consulting Group, Inc.
Valerie Zents, MCM Consulting Group, Inc.

Business:

Project schedule review:

- Reviewed the current schedule.
- Discussed municipal project opportunity form development meetings.
 - April 15, 2021 at 6:30 p.m.
 - April 16, 2021 at 2:00 p.m.

Capabilities assessments results:

- Municipal capability assessment results – all municipalities have participated.

Risk Assessment:

- Hazard identification worksheet results – all municipalities have participated.
- Risk Factor Assessment – Received from 17 municipalities.
- Finalized the Risk Factor Assessment.
 - Pandemic and emergency services shortages were missed on the initial list.
 - Opioid/substance abuse was listed as 2.5 a high-risk factor and was discussed on its status. This will remain the same.

- Hazardous Materials – Transportation was listed as 2.3 a moderate-risk and was discussed on its status. It was changed to a risk factor of 2.65 high-risk. Probability = 3, Impact = 2.5, Spatial Extent = 2, Warning Time = 4, Duration = 2.
- Flash flooding was listed as 2.3. It was changed to a risk factor of 3.3 high-risk. Probability = 4, Impact = 3, Spatial Extent = 3, Warning Time = 4, Duration = 2
- Emergency Services Shortages was listed at 3.2 and will be indicated as a manpower shortage issue in the capabilities section of the HMP.

Mitigation Strategy:

- Reviewed and discussed the 2016 goals and objectives.
 - All instances of man made will be changed to human-caused.
 - Goal 1, Objective 1.4 will be changed to an action.
 - Goal 2, Objective 2.2 will be discussed off-line between Monroe County and MCM.
 - Goal 2, Objective 2.3 will be changed to reflect the FEMA wording.
- Reviewed the 2016 mitigation actions review document. The Local Planning Team will review and mark the status of each current action. This form will be sent to the Local Planning Team as a Word document.
- Identify new 2021 mitigation goals/objectives.
 - High hazard dam goals and objectives need to be added to the 2021 plan.
- Identify new 2021 mitigation actions.

As an addition to the plan, pictures of hazards were requested from all on the Local Planning Team.

Next meeting:

- The next Local Planning Team meeting is scheduled for April 15, 2021 at 2:00 P.M.

Monroe County Hazard Mitigation Plan Update Local Planning Team Meeting Minutes

April 15, 2020 2:00 P.M.

CALL TO ORDER:

Corbin Snyder, MCM Consulting Group, Inc.

PRESENT:

Maryellen Keegan, Monroe County EMA
Lynda Messerschmidt, Monroe County EMA
Bob Heil, Hamilton Township
Julie Heilakka, Smithfield Township
Gary Hoffman, Eldred Township
Lynn Courtright, Pleasant Valley School Dist.
Michael Rearick, MCM Consulting Group, Inc.

Business:

Project schedule review:

- Corbin reviewed the current schedule.
- All discussed the municipal mitigation strategy meetings scheduled for this evening and tomorrow.
 - Another municipal meeting may be scheduled for next week depending on participation in meetings tonight and tomorrow.
 - Lynda indicated she would be participating in the meetings.

Community preparedness survey:

- Corbin discussed the process of this survey.
- Maryellen mentioned that a survey has already been pushed out and may be useful here instead. This will be reviewed by the Steering Committee.

Capabilities assessments results:

- Corbin discussed the municipal capability assessment results – Received from all municipalities.

Risk Assessment:

- Corbin discussed the hazard identification worksheet results – Received from all municipalities.
- Corbin discussed the Risk Factor Comparison – Received from all municipalities.
- Corbin discussed the risk assessment presentation and what is to be expected.

Mitigation Strategy:

- All assessed and discussed the 2016 mitigation actions review.
- All identified new 2021 mitigation actions.

- MCM will send the actions review out to the LPT for further review upon conclusion of the meeting.

Next meeting:

- The next Local Planning Team meeting is scheduled for April 29, 2021 at 2:00 P.M.

Monroe County Hazard Mitigation Plan Update Steering Committee Kickoff Meeting Agenda

January 8, 2021 8:30 A.M.

CALL TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

New Business:

Review of the project:

- Expiration date of current plan
- Goals of Monroe County
- MCM Consulting Group update process
- Points of contact for the project
- Updates since last plan adoption

Local Planning Team:

- Discuss previous local planning team
- Develop list for new 2021 local planning team members

Draft Project Schedule:

- Develop draft project schedule
- Local planning team best dates and times
- Public meetings

Notification of Mitigation Plan Update:

- Newspaper, Web page and social media

Support documents, data and access:

- Shared DropBox
- GIS data:
 - Roads, boundaries, bodies of water, structures, parcels, critical facilities, special needs
 - Point of contact for GIS data
- Others: Commodity flow, county comprehensive plan, etc.

Next meeting:

- Determine the date and time for the next meeting.

Monroe County Hazard Mitigation Plan Update Steering Committee Kickoff Meeting Minutes

January 8, 2021 8:30 A.M.

CALL TO ORDER:

Michael Rearick, MCM Consulting Group, Inc.

PRESENT:

Maryellen Keegan, Monroe County EMA
Christine Meinhart-Fritz, Monroe County Planning
Lynda Messerschmidt, Monroe County EMA
Corbin Snyder, MCM Consulting Group, Inc.

New Business:

Review of the project:

- The current plan will expire on October 13, 2021.
- The goals of Monroe County in addition to the checklist sent to Mike:
 - Increased public involvement.
 - Engage municipalities during and after the HMP update.
 - Incorporate the HMP with the Act 167 Stormwater Management Plan.
- Mike discussed the MCM Consulting Group update process.
- Lynda and Christine are the primary points of contacts for the project.
- Mike asked about any updates since last plan adoption.

Local Planning Team:

- All discussed the previous local planning team.
- Monroe County will develop list for new 2021 local planning team members.

Draft Project Schedule:

- MCM will develop draft project schedule and send to Monroe County for review.
- Local planning team best dates and times.
 - Wednesdays work best for all.
 - The next meeting will take place on **February 2nd or February 4th at 2:00 via Zoom.**
- All discussed the process for public meetings.

Notification of Mitigation Plan Update:

- Monroe County will send draft plan notification via Newspaper, Web page and social media.

Support documents, data and access:

- MCM will send an invite to the shared DropBox.
- GIS data:

- Mike indicated that the following will be needed: Roads, boundaries, bodies of water, structures, parcels, critical facilities, special needs
- The point of contact for GIS data will be through Christine's office.
- Others: Commodity flow, county comprehensive plan, etc.
- Mike indicated that he will need copies of annexes and copies of both the comprehensive plan and the transportation plan.

Next meeting:

- The next meeting will be held on February 2nd or February 4th at 2:00 via Zoom.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 10:19 AM

1. Please enter your name:

Gary A. Hoffman

2. What is your department, company, or organization?

Monroe County Control Center-911

3. What is your role in the department, company, or organization listed above?

Director of Communications

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

Some Concern

Drought

Very Concerned

Earthquake

Some Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Very Concerned

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Very Concerned

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

Some Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Very Concerned

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

we know that we've all experienced significant weather events and the impact on our infrastructure. The key is to provide as much preemptive notice and get folks to sign up for the alerts that are free!

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

We have a "REAL" issue with daytime emergency service response. It takes an average more than 5 fire depts to manage gate a typical structure fire in Monroe County. This has developed into the "norm".

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Lack of manpower=delayed response and situation mitigation.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Mutual aide "preplans" however combine the lack of manpower necessitates the need to add more departments to respond. This in itself creates "holes" for those depts responding; a "snow ball effect", more holes, less manpower.....

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 10:29 AM

1. Please enter your name:

Gary A. Hoffman

2. What is your department, company, or organization?

Eldred Township Board of Supervisor

3. What is your role in the department, company, or organization listed above?

Chairman

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Very Concerned

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Very Concerned

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Very Concerned

Wind Storms

Some Concern

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Very Concerned

Levee Failure

Some Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Very Concerned

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Flash Flooding, Hazardous Materials incidents, #1 issue; Lack of available Fire Dept volunteers. Our municipal building does not have an emergency generator. Which results in no power or computer systems to the building,

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Delayed fire response and potential for loss of life. We are in trouble during the daytime operational periods. Mutual aide that we have coming is dealing with the same personnel shortages.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Lack of people=delayed response=takes longer to mitigate any emergency situation.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

We allow any of our public works employees who are members of our volunteer fire co to leave work, when appropriate and they are paid, no loss of wages for responding during daytime work-week.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

We need funding to facilitate securing an emergency generator for the municipal complex.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 12:49 PM

1. Please enter your name:

Joseph Monaco

2. What is your department, company, or organization?

St. Luke's Emergency & Transport Services

3. What is your role in the department, company, or organization listed above?

Operations Manager

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

Some Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Very Concerned

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Very Concerned

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

Some Concern

Nuclear Incident

Some Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Covid - 19 and EMS Staffing Shortages

7. Has your department or organization experienced shortages in the following categories?

Staff

7a. In detail, please explain the impact that these shortages have had on your department.

Difficulty in staffing units/vehicles. Covering shortages, pto requests and call offs.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Increased recruitment strategies to find talent. The problem, is a shortage of providers globally.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 1:37 PM

1. Please enter your name:

Deborah Kulick

2. What is your department, company, or organization?

Bushkill Emergency Corps

3. What is your role in the department, company, or organization listed above?

President

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Very Concerned

Flooding - Flash

Very Concerned

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Very Concerned

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Very Concerned

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Very Concerned

Hazardous Materials - Fixed Facilities

No Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Some Concern

Terrorism - International

No Concern

Transportation Accidents

Some Concern

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Emergency Services Shortage and Medically associated items, i.e., epidemic, drownings, opioid calls. The interruption of utility services caused by natural disasters/storms also affects the operations of EMS.

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

The lack of financial support from the community/municipalities directly affects the operations as volunteers have for the most part faded from the picture. Although our organization has some, the majority of the time career personnel are needed to respond to calls. This lack of funding in turn creates an inability to staff to the desired levels and to replace or upgrade equipment as needed. Staffing shortages extend to replacement of those leaving the EMS field as the either retire or move to a more lucrative and safe career. Recruitment of both career and volunteer personnel continues to be an issue, which many times finds its root in the lack of financial support for the organization. Equipment and supply costs have spiraled and any amount of planning ahead has not been able to account for the shortages or increased cost, much less being able to replace old equipment with newer and safer items. The mix of payers in the service area is mostly Medicare/Medicaid and uninsured.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Lack of sufficient Emergency Medical Services causes a ripple effect across the county(ies). One organization being "tapped" out of available vehicles or no service available will draw one agency into another area. The long transport times tie up an ambulance for an extended period of time, hence turn-around times are extended to answer additional calls. The drain on providers due to the pandemic, opioid calls and overall increase in calls (including domestics and other physically hazardous calls), has resulted in both low moral and a significant number of providers choosing to leave EMS altogether. An overarching fact is that EMS is only considered a transportation function, not for its medical provision, hence lift assists, treat and release, refusals, all contribute to the issue. The fact that EMS is available 24-7-365 and must respond regardless of the type of call, weather, ability to pay for service or for the actual need for service is largely overlooked by the general public.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Municipalities have been approached for additional funding, without much success. The true need to have across the board support would require an EMS tax where all potential users would contribute. Currently the user-based reimbursement is not sufficient to cover the cost of operations. The actual user-base of the service area is primarily composed of the low reimbursement coverages of Medicare and Medicaid

as well as the largely unisured and transient population. Aside from that, Bushkill Emergency Corps is blessed with dedicated and committed career and volunteer providers who continue to show up and provide hour upon hour of support for the organization, both on the operations and administrative side. The result of this is overtime, overtime, overtime. There has been outreach to precepting providers to consider this operation for either employment or volunteerism.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

We are praying for a miracle. And so it goes.....

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 2:03 PM

1. Please enter your name:

Chris Wagner

2. What is your department, company, or organization?

Pocono Mountain Regional Police Department

3. What is your role in the department, company, or organization listed above?

Chief of Police

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

No Concern

Tornado

No Concern

Wind Storms

Some Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

No Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

No Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Some Concern

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Mostly weather events, such as extreme temperatures, winter storms, wind storms or heavy rain that causes motor vehicle transportation accidents, power outages and environmental conditions that are hazardous to prolonged exposure. These events create hazardous environments requiring substantial police resource expenditure.

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment

7a. In detail, please explain the impact that these shortages have had on your department.

Due to various socio/political reasons, police recruitment is at or near all time lows. This creates a situation that it becomes difficult to find and hire qualified emergency services personnel. Additionally, there has been a significant cut in federal task force dollars that have found their way to Monroe County. This cut has reduced equipment and officer training.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

With challenges to maintain staffing levels, an imbalance between 911 call volume and the availability of officers to respond is created. This leads to longer response times and difficulties in providing adequate time allocation to calls in progress, due to 911 call back up. Additionally, with the reduction in funds available for equipment, certain 911 call responses may require proper equipment to be transported to the scene from further distances causing a delay in proper deployment of resources.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

We continue to run hiring lists on an annual basis. In the past, hiring may happen every other year. Due to manpower shortages and turnover, annual recruitment has become the norm. Certain equipment is now purchased through department budgeting rather than grant funds. Certain equipment however, is beyond the financial capacity of the agency budget and creates the situation of going without or finding donors and/or fund raising events to procure the needed equipment.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Continue with annual hiring / recruitment lists. We also look to find strategies to maintain and retain current employees and staffing levels. We also look for innovative ways to fund equipment and training such as through foundation funding, fundraising events, federal forfeiture and budgetary contributions.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: April 28, 2021 7:11 PM

1. Please enter your name:

Clifford Oppelt

2. What is your department, company, or organization?

Jackson twsp vfd

3. What is your role in the department, company, or organization listed above?

Fire chief

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

Some Concern

Earthquake

Some Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Very Concerned

Tornado

Some Concern

Wind Storms

Very Concerned

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Very Concerned

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Some Concern

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

winter storms, flooding, utility interruption, pandemic, emergency services shortage,

7. Has your department or organization experienced shortages in the following categories?

Staff, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Personnel shortage has fewer people joining, if any, and burning out the ones we already have. due to the pandemic we have had to stop all fund raising which greatly cut our income. the relief association keeps getting more and more funds cut. every year our relief budget gets smaller and smaller.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

less people to handle the emergency calls, maintain the equipment.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

trying different recruiting strategies, implementing tax cuts for volunteers,

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 5, 2021 3:25 PM

1. Please enter your name:

Joseph Luisi

2. What is your department, company, or organization?

Marshalls Creek Fire Comoany

3. What is your role in the department, company, or organization listed above?

Fire Chief

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

Some Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Very Concerned

Invasive Species - Plants, Insects

Some Concern

Tornado

Very Concerned

Wind Storms

Very Concerned

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

Some Concern

Nuclear Incident

Some Concern

Opioid/Substance Abuse

Some Concern

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Severe weather and utility interruptions are the largest two.

7. Has your department or organization experienced shortages in the following categories?

Staff, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Staff: Doing more with less. Generally most people don't have the free time they used to so training suffers greatly for some. Financial: Either stagnant or on the decline, don't normally see increases and products/equipment is just getting more expensive.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Sometimes a delay in response which depending on the incident, can mean a lot.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Township tax breaks & life insurance benefit option.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Being in constant communication with all townships we provide coverage to so they are well aware of current issues and future issues that may arise.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 5, 2021 3:32 PM

1. Please enter your name:

Keith Elliott

2. What is your department, company, or organization?

Jackson Township

3. What is your role in the department, company, or organization listed above?

Assistant chief & EMC

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Very Concerned

Flooding - Ice Jam

No Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Very Concerned

Drowning

Very Concerned

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Very Concerned

Levee Failure

Some Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

7. Has your department or organization experienced shortages in the following categories?

Staff, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

No bingo lost revenue No new volunteers

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Harder to get volunteers. More demand on the volunteers Less emergency responders during the day.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Looking to change up are websites to attract new people

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Make the job more attractive/ sexy to be a volunteer Add financial incentives

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 5, 2021 4:48 PM

1. Please enter your name:

Jennifer L Lyon

2. What is your department, company, or organization?

Stroud Area Regional Police Department

3. What is your role in the department, company, or organization listed above?

Chief of Police

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

Some Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

No Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Very Concerned

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Very Concerned

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Shortage of Police Officers to hire- and many officers leaving for other jobs or retiring early

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Financial restraint due to lack of ability from municipalities to "special tax" for police services... lack of finances means lack of ability to purchase needed equipment such as new patrol vehicles and other items such as body cams

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Lack of Officers to safely respond to critical incidents and lack of technology

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Looking at grants for funding issues. Staffing is another issue. No one wants to be a police officer due to what is currently going on in the US. The staffing issue may only get worse depending on what police reform changes are made (some are great and others will cause mass exodus)

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 5, 2021 5:30 PM

1. Please enter your name:

David Meaney

2. What is your department, company, or organization?

Pocono Summit Volunteer Fire Company

3. What is your role in the department, company, or organization listed above?

Chief

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

No Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

No Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

No Concern

Tornado

No Concern

Wind Storms

No Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

No Concern

Drowning

No Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

No Concern

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Very Concerned

Terrorism - International

Very Concerned

Transportation Accidents

Some Concern

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Wind Storms, Winter Storms, Emergency Services Shortage, Hazardous Materials - Transportation, Pandemic & Infectious Disease, Transportation Accidents

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

It makes it harder for protect the public.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Having to call in multiple agencies

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

We are doing more fund raisers and recruiting drives

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Just keep doing the above

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 6, 2021 2:40 PM

1. Please enter your name:

Nick DeWitt

2. What is your department, company, or organization?

Pocono Mountain Regional EMS

3. What is your role in the department, company, or organization listed above?

Business Manager

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

No Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

No Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

No Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

No Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

No Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Some Concern

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

No Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Opioid/Substance Abuse, Pandemic, and winter storms

7. Has your department or organization experienced shortages in the following categories?

Staff, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Staffing shortages in EMS throughout the commonwealth and country are of great concern. Sometimes this shortages leave ambulances uncovered creating a shortage of EMS unit in the county which is a great concern. I am aware that some organizations in the county are struggling financially and do not provide the services they should.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

We continue to try and push our our organization as much as possible for recruitment, but we can not financially afford higher pay rates which is part of the factor for shortages. EMS is not supported enough on any level.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Working with the Ambulance Association of PA to advocate at the state level for increased reimbursements for EMS.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 6, 2021 6:55 PM

1. Please enter your name:

Logan Evans

2. What is your department, company, or organization?

Pocono Mountain Volunteer Fire Company

3. What is your role in the department, company, or organization listed above?

Chief

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

Some Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Very Concerned

Tornado

No Concern

Wind Storms

Very Concerned

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Some Concern

Hazardous Materials - Fixed Facilities

Very Concerned

Hazardous Materials - Transportation

Very Concerned

Levee Failure

Some Concern

Nuclear Incident

Some Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Very Concerned

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Flood, wind, winter storms, volunteer shortages, opioid, pandemic, hazmat, utilities

7. Has your department or organization experienced shortages in the following categories?

Staff, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Volunteer shortages negatively impact the delivery of emergency services as do financial constraints

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

Volunteer shortages negatively impact the delivery of emergency services as do financial constraints

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Brainstorming fundraising and recruitment/retention options

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

In progress

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 10, 2021 3:31 PM

1. Please enter your name:

2. What is your department, company, or organization?

PA State Police

3. What is your role in the department, company, or organization listed above?

Sergeant

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

No Concern

Flooding - River, Stream

No Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

No Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

No Concern

Emergency Services Shortage

Very Concerned

Epidemic

Very Concerned

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

Some Concern

Opioid/Substance Abuse

Some Concern

Pandemic & Infectious Disease

Some Concern

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Some Concern

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

Winter storms, floods, pandemic, substance abuse, power failures

7. Has your department or organization experienced shortages in the following categories?

7a. In detail, please explain the impact that these shortages have had on your department.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Extra manpower

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 12, 2021 12:16 PM

1. Please enter your name:

Jonathan McCombs

2. What is your department, company, or organization?

Suburban EMS

3. What is your role in the department, company, or organization listed above?

Operations Administrator

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

No Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Some Concern

Flooding - Flash

Some Concern

Flooding - Ice Jam

No Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

Some Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Some Concern

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Very Concerned

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

Some Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Very Concerned

6. Have any of these hazards impacted your department?

Yes

Please list the hazards from Questions 4 and 5 that have impacted your department:

- 1: Due to a national shortage of EMS providers, it has become increasingly harder to fill the appropriate amount of needed ambulances to cover the 911 coverage areas.
- 2: COVID-19 has played a great role in the shortage of staff and providers. Illness and fear of the disease, plus the amount of over worked employees are all factors.

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

Decrease in staff is the largest shortage we have experienced. PPE is hard to come by but we have been able to facilitate our staff with the needed protection.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

The workload has increased. Due to the shortage of staff, more people have to work longer hours and more days per week to keep up with the demand.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

Suburban EMS has increased our education department. We started an EMR and an EMT program to try and resolve some of the staffing shortages.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

Many things are in the works. Obviously, every time you think you have a solution or plan for a problem, 3 more arise. We will continue to focus on our education department and expand to hopefully a Paramedic program.

First Responder Hazard Mitigation Survey - Monroe County, PA

Submitted By: Anonymous user

Submitted Time: May 17, 2021 11:19 AM

1. Please enter your name:

Dennis Ganc & Scott Brandt

2. What is your department, company, or organization?

West End Community Ambulance

3. What is your role in the department, company, or organization listed above?

Dennis Ganc is General Manager and Scott Brandt is Operations Supervisor

4. How concerned are you about these Environmental Hazards in your community?

Climate Change

Some Concern

Drought

No Concern

Earthquake

No Concern

Extreme Temperatures

Very Concerned

Flooding - Flash

Some Concern

Flooding - Ice Jam

Some Concern

Flooding - River, Stream

Some Concern

Hurricane/Tropical Storm

No Concern

Invasive Species - Plants, Insects

Some Concern

Tornado

Some Concern

Wind Storms

Some Concern

Winter Storms

Very Concerned

5. How concerned are you about these Human-Caused Hazards in your community?

Cyber Terrorism Incidents

Some Concern

Disorientation

Some Concern

Drowning

Some Concern

Emergency Services Shortage

Very Concerned

Epidemic

Very Concerned

Hazardous Materials - Fixed Facilities

Some Concern

Hazardous Materials - Transportation

Some Concern

Levee Failure

No Concern

Nuclear Incident

No Concern

Opioid/Substance Abuse

Very Concerned

Pandemic & Infectious Disease

Very Concerned

Terrorism - Domestic

Some Concern

Terrorism - International

Some Concern

Transportation Accidents

Very Concerned

Utility Interruption

Some Concern

6. Have any of these hazards impacted your department?

No

Please list the hazards from Questions 4 and 5 that have impacted your department:

7. Has your department or organization experienced shortages in the following categories?

Staff, Equipment, Financial

7a. In detail, please explain the impact that these shortages have had on your department.

With the staffing shortage it puts strain on current staff to fulfill vacant shifts in order to ensure our ambulances can respond and meet the emergency medical needs of our communities we serve. Financial impact has a two fold where we must follow specific budgeting constraints that in turn limit our ability to improve compensation to staff and attract new. It also keeps us from having the ability to purchase new equipment which in turn can have an impact on the level of care we can provide a person in need.

8. How do the shortages in your department impact the hazards listed in Questions 4 and 5?

With regard to any of the hazards in questions 4 and 5 the staffing shortage determines the availability of response to many of the hazards we are concerned with and could potentially experience in our coverage areas. Not having staff readily available to fulfill shifts and in turn respond to emergencies put our communities at risk and surrounding communities as this creates a ripple effect where our partnering services are then pulled from their coverage areas to respond into ours and so on and so on. As for the financial and equipment shortages, inability to constantly maintain and improve our equipment limits our ability as emergency medical providers to provide the best care possible. Again the inability to not increase compensation to attract more staff also has an impact on ability to respond to these hazards as they occur.

9. Please explain what mitigation strategies have been implemented in your organization to address shortages?

We are currently reviewing our market strategy to review the compensation ability within our department. As for staffing currently we are ensuring we are providing the overtime to staff to pick up vacant shifts. We also are actively recruiting and entertaining new candidates with the hope to fill the vacant roles.

10. Please explain what future mitigation strategies have been identified to address anticipated shortages?

We are incorporating a new EMS student program to help develop from within to aid in the vacancies. We also are sponsoring EMTs from within to attend and acquire their paramedic certifications.

Monroe



County

Public Safety Center
100 Gypsum Road ~ Suite 101 Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

To: All Monroe County Elected Officials, Municipal Officials, County Department Heads
Court Administrators and Judges, State District Senator and Representatives, and Other
County Stakeholder Agencies

From: Maryellen Keegan, Director and Lynda Messerschmidt, Emergency Preparedness Planner

Date: June 7, 2021

Re: Monroe County Hazard Mitigation Plan Update Project – Draft Plan Presentation

On January 8, 2021, Monroe County began the process of updating the Monroe County Hazard Mitigation Plan. This Plan will reach its five year expiration in October 2021, and identifies natural, human-made and technological risks to the County. Through a grant funded by the Federal Emergency Management Agency (FEMA), the County has contracted MCM Consulting Group, Inc. to produce an update to the current Hazard Mitigation Plan.

Each County and Municipality is required under the Federal Disaster Mitigation Act of 2000 to have a current and adopted Hazard Mitigation Plan in order to receive federal disaster funding during or after a presidentially declared disaster.

A planning group, comprised of the Office of Emergency Management, the County Planning Commission, and municipal representatives have identified potential hazards that could occur within the County and developed a list of mitigation measures intended to eliminate or reduce the negative impact of those hazards. The list of hazards include, flooding, utility outage, emergency services shortage, wildfire, winter storms, and terrorism.

You, and the public, are invited to attend a meeting at 6:30 pm on June 22nd to learn about the Hazard Mitigation Plan Update and view a power point presentation regarding Risk Hazards, from our consultant, MCM Consulting, and to provide the planning group with input regarding the planning process. This will be a hybrid meeting, and you are welcome to attend in person at 6:30 on June 22nd or virtually on your personal device using the Zoom link below.

<https://zoom.us/j/5715018059?pwd=eGw4d3I1TEs0MWgzlRYQUVRdHBpQT09>

Office: (570) 992-4113 FAX: (570) 402-7358 or 7359 Emergency: (570) 992-9911
E-mail: mcoem@monroecountypa.gov



Monroe County Office of Emer...

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As of 4/24/2020 this is the official page of the Monroe County Office of Emergency Management for Monroe County, PA.

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<http://www.monroecountypa.gov/Dept/EMA/Pages/default.aspx>

(570) 992-4113

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mkeegan@monroecountypa.gov

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8:00 AM - 4:30 PM

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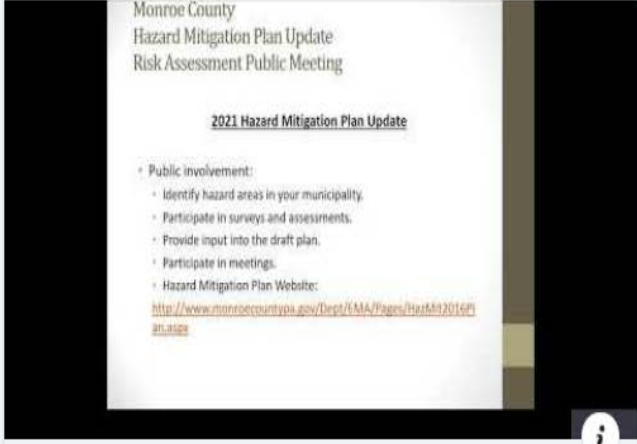
Monroe County Office of Emergency Management - Monroe County, PA

May 24 at 4:25 PM

Hey Monroe! You took the survey and we listened!

Have a look at the video below to see what hazards pose the greatest threat to our County.

#monroecountypa... See More



YOUTUBE.COM

Monroe County HMP Risk Assessment Public Meeting

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Comment

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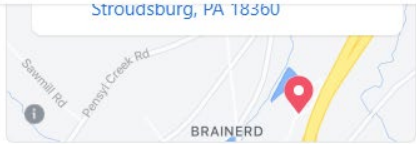
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As of 4/24/2020 this is the official page of the Monroe County Office of Emergency Management for Monroe County, PA.

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http://www.monroecountypa.gov/Dept/EMA/Pages/default.aspx

(570) 992-4113

Send Message

mkeegan@monroecountypa.gov

Open Now 8:00 AM - 4:30 PM

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Photos

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Pam Luck Heelwood: Is there a way to see the documents shown toward the end of this video...not in video format? Like · Reply · 1d

Monroe County Office of Emergency Management-Monroe County, PA May 8 at 5:03 AM



Monroe County Office of Emergency Management-Monroe County, PA April 1 · Monroe County is asking for your input as we update our Hazard Mitigation Plan. Please help us reduce the risk of injury or personal damage by filling out the... See More

1 Like Comment Share

August 9, 2021

XYZ County
123 Main Street
City, State Zip

Dear Mr. Smith:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

It is important that the counties surrounding Monroe County have the ability to review and comment on the updated draft 2021 Monroe County Hazard Mitigation Plan. The draft plan is available at the Monroe County website, <http://www.monroecountypa.gov/hazmit>. If you have comments in reference to the plan, please forward your comments in writing to the attention of Maryellen Keegan, Monroe County Office of Emergency Management Director.

If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Monroe County Office of Emergency Management Director

Monroe County Hazard Mitigation Plan Update

DRAFT Hazard Mitigation Plan

Public Meeting

June 22, 2021

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Agenda

- What is Hazard Mitigation Planning
- Review the update process
- Risk Assessment Section
- Capability Assessment Section
- Mitigation Strategy Section
- Next Steps
- Conclusion

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Why is a Hazard Mitigation Plan necessary?

Disaster Mitigation Act of 2000 (DMA 2000) which amended the Robert T. Stafford Disaster Relief and Emergency Assistance Act (the Stafford Act), requires **all local jurisdictions** to have a mitigation plan in order to receive certain types of disaster assistance and hazard mitigation funding.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Current Hazard Mitigation Plan

- Adopted and Promulgated by Monroe County Commissioners
- Municipality Adoption of the Monroe County Plan
- Used as support for pre-disaster and/or post-disaster funding since promulgation

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

2021 Hazard Mitigation Plan Update

- Required to be updated every 5 years
- Update process is continuous
- All plans are reviewed annually:
 - County reviews all mitigation actions.
 - Municipalities provide progress reports on project opportunities.
 - Capture any major emergency or disaster information.
- Annual progress reports are required by PEMA

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

2021 Hazard Mitigation Plan Update

- Monroe County Hazard Mitigation Grant
- Hired MCM Consulting Group, Inc.
 - Kick-off meeting was (January 8th, 2021)
- Local Planning Team Developed
 - Kick-off meeting on (February 4th, 2021)
- Update process
 - Capabilities Assessment
 - Risk Assessment
 - Mitigation Strategy Develop
 - Draft Plan

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

2021 Hazard Mitigation Plan Update

- Municipality involvement:
 - Complete surveys and assessments:
 - Capability Assessment Survey
 - Hazard Identification Worksheet
 - Mitigation Opportunity Form
 - Provide input into the draft plan.
 - Participate in meetings.
 - Adopt the County Plan as the Municipal Plan.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

2021 Hazard Mitigation Plan Update

- Public involvement:
 - Identify hazard areas in your municipality.
 - Participate in surveys and assessments.
 - Provide input into the draft plan.
 - Participate in meetings.
 - Hazard Mitigation Plan Website:

<http://www.monroecountypa.gov/hazmit>

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

2021 Hazard Mitigation Plan Update

Capabilities Assessment

- Assessed the county and municipalities
- Capability assessment forms provided.
- Assessed the following:
 - Planning and regulatory capability
 - Administrative and technical capability
 - Fiscal capability
 - Community political capability
- Capability assessment information is in section 5 of the 2021 Monroe County Hazard Mitigation Plan.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Risk Assessment Review Identifying Hazards

44 CFR Requirement

Part 201.6(c)(2)(i): The risk assessment shall include a description of the type of all [hazards] that can affect the jurisdiction.

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment Identifying Hazards

- Note and Document Past Presidential, Gubernatorial, County and Municipal Disaster Declarations
 - Severe Winter Storms: January 2016 (Gubernatorial) and March 2017 (Gubernatorial)
 - Flash flooding: September 2011 Tropical Storm Lee and Hurricane Irene, October 2012 Hurricane Sandy
 - Develop a List of Natural and Human-Caused Hazards
 - Review previous hazards in current plan
 - Flooding, Winter Storms, Drought, Wildfire, etc.
 - Identify new hazards
 - Emergency Services Shortage
 - Opioid/Substance Abuse
 - Cyber Terrorism/Incidents
- Use a Hazard Identification and Risk Evaluation Worksheet:
 - Municipality Worksheet completed by Municipalities.
 - County Worksheet completed by the local planning team.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Risk Assessment Review Profiling Hazards

44 CFR Requirement

Part 201.6(c)(2)(i): The risk assessment shall include a description of the location and extent of all [hazards] that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment

Profiling Hazards

- Identify the location and geographic extent
 - Mapping utilized
 - Local knowledge
- Define the range and magnitude
 - Use of Scales or Measuring Tools
 - Defines Intensity and Impact
- Past occurrences
 - Dates
 - Impact

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment

Profiling Hazards

- Establish probability of future occurrences
 - Based on past occurrence frequency
 - Special Flood Hazard Area (Previously 100 year flood data)
- Determine environmental impacts
 - Flooding causes polluted streams
 - Tornado causes scattering of debris over large areas
 - Droughts kill crops and trees

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment

Assessing Vulnerability

- Inventory and summarize vulnerable assets:
 - Existing buildings
 - Critical facilities
 - New development
 - Hazardous material facilities
 - Utility Systems
- Utilize GIS data

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Risk Assessment Assessing Vulnerability

- Review high risk groups
 - Elderly
 - Children
 - Special needs
- Flooding hazards
 - Utilize Flood Insurance Rate Maps
 - Develop maps with critical facilities and impacted structures

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment

Assessing Vulnerability

- Estimate loss
 - Determine potential dollar loss estimates for hazards:
 - Flooding
 - Building Losses: \$288.56 Million
 - Business Losses: \$251.42 Million
 - Total Loss: \$539.98 Million
 - Utilize assessed values from county records
 - HAZUS Software from FEMA

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Risk Assessment

Assessing Vulnerability

- Develop risk factor for hazards
 - Utilize a risk factor tool (next slide)
 - Relies on historical data
 - Relies on local planning team knowledge

Summary of Risk Factor Approach Used to Rank Hazard Risk.

RISK ASSESSMENT CATEGORY	DEGREE OF RISK			WEIGHT VALUE
	LEVEL	CRITERIA	INDEX	
PROBABILITY <i>What is the likelihood of a hazard event occurring in a given year?</i>	UNLIKELY	LESS THAN 1% ANNUAL PROBABILITY	1	30%
	POSSIBLE	BETWEEN 1 & 10% ANNUAL PROBABILITY	2	
	LIKELY	BETWEEN 10 & 100% ANNUAL PROBABILITY	3	
	HIGHLY LIKELY	100% ANNUAL PROBABILITY	4	
IMPACT <i>In terms of injuries, damage, or death, would you anticipate impacts to be minor, limited, critical, or catastrophic when a significant hazard event occurs?</i>	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 <i>How large of an area could be impacted by a hazard event? Are impacts localized or regional?</i>	NEGLIGIBLE	LESS THAN 1% OF AREA AFFECTED	1	20%
	SMALL	BETWEEN 1 & 10% OF AREA AFFECTED	2	
	MODERATE	BETWEEN 10 & 50% OF AREA AFFECTED	3	
	LARGE	BETWEEN 50 & 100% OF AREA AFFECTED	4	
WARNING TIME <i>Is there usually some lead time associated with the hazard event? Have warning measures been implemented?</i>	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 <i>How long does the hazard event usually last?</i>	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 Assessment		
HAZARD RISK	HAZARD NATURAL(N) OR HUMAN-CAUSED (H)	RISK FACTOR (RF)
HIGH	Flash Flooding (N)	3.3
	Emergency Services Shortage (M)	3.2
	Utility Interruptions (M)	3.1
	Winter Storms (N)	2.9
	Pandemic & Infectious Disease (N)	2.9
	Transportation Accidents (M)	2.8
	Hazardous Materials - Transportation (M)	2.65
	Invasive Species (N)	2.6
	Wildfire (N)	2.6
	Opioid/Substance Abuse (M)	2.5
MODERATE	Drought (N)	2.4
	Hurricane/Tropical Storm (N)	2.4
	Windstorms (N)	2.3
	Flooding (N)	2.3
	Terrorism – Domestic (M)	2.3
	Cyber Terrorism/Incidents (M)	2.3
	Dam Failure (M)	2.2
	Extreme Temperatures (N)	2.2
	Epidemic (N)	2.1
	Nuclear Incidents (M)	2.0
LOW	Hazardous Materials – Fixed Facilities (M)	1.9
	Drowning (M)	1.9
	Tornadoes (N)	1.9
	Disorientation (M)	1.8
	Levee Failure (M)	1.6

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Mitigation Strategy

44 CFR Requirement

Part 201.6(c)(3)(i): [The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Mitigation Strategy Goals and Objectives Review

What is a goal?

A general guideline that describes what your community would like to achieve.

What is an objective?

Defines strategies that must be implemented to achieve the goals. Objectives are specific and measurable.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Mitigation Strategy

Mitigation Actions

44 CFR Requirement

Part 201.6(c)(3)(ii): [The mitigation strategy shall include a section that identifies] a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

What is a Mitigation Action?

An action is more specific than an objective and should address previously identified objectives.

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Mitigation Strategy

Mitigation Actions

- 2021 Mitigation Actions:
 - 56 actions updated or developed.
 - Renumbered all action numbers.
 - Located in Section 6 of the mitigation plan.

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Mitigation Strategy

Mitigation Actions

- 2021 Mitigation Action Plan:
 - Identifies a mitigation strategy and plan for future.
 - Identifies the following:
 - Category
 - Hazard Vulnerability
 - Benefit/Cost Prioritization
 - Schedule
 - Funding
 - Responsibility

Monroe County

Hazard Mitigation Plan Update

Draft Plan Presentation Public Meeting

Mitigation Strategy

Mitigation Project Opportunities

- 2021 Mitigation Opportunities:
 - 53 mitigation opportunities from
 - 14 municipalities
 - East Stroudsburg University
 - Information is in Appendix G

Monroe County Hazard Mitigation Plan Update Draft Plan Presentation Public Meeting

Next Steps

- Available for public comment: July 2, 2021 – August 6, 2021
 - Hard copy available: Monroe County OEM and Monroe County Commissioners Office, Digital copies are available at:
<http://www.monroecountypa.gov/hazmit>
 - All public comments **MUST** be submitted in writing to the Monroe County Office of Emergency Management at:
mcoem@monroecountypa.gov .

Or

Submit via SurveyMonkey at:

<https://www.surveymonkey.com/r/monroehmppubliccomment>

- Draft submit to PEMA: August 12, 2021
- FEMA review and approval pending adoption after PEMA
- County and municipality adoption

Monroe County
Hazard Mitigation Plan Update
Draft Plan Presentation Public Meeting

Conclusion

Questions??

Thank You

Corbin Snyder
MCM Consulting Group, Inc.
(717) 460-1733
csnyder@mcmconsultinggrp.com

Monroe



County

Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

PRESS RELEASE

Stroudsburg PA

The Monroe County Hazard Mitigation Plan Steering Committee and Planning Team will host a public meeting at 6:30 on June 22, 2021 at the Monroe County Public Safety Center, 100 Gypsum Road, Stroudsburg, PA. Through a grant funded by the Federal Emergency Management Agency (FEMA), the County has contracted MCM Consulting Group, Inc. to identify potential natural, human-made and technological hazards and produce an Update to the current Multi-Jurisdictional Hazard Mitigation Plan.

The Steering Committee and Planning Team is comprised of County and municipal representatives who have selected a list of potential hazards that could occur within the County and is the process of developing a list of mitigation measures intended to eliminate or reduce the negative impact of those hazards. The list of hazards includes flooding, utility outage, emergency services shortage, wildfire, winter storms, and terrorism.

The public is invited to attend this June 22nd meeting to learn about the Hazard Mitigation Plan Update and view a power point presentation regarding Risk Hazards, from our consultant, MCM Consulting, and to provide the planning group with input regarding the planning process. This will be a hybrid meeting, and you are welcome to attend in person at 6:30 on June 22nd or virtually on your personal device via _____

For more information about the MHMP, please refer to the Monroe County Hazard Mitigation Plan Update website at <http://www.monroecountypa.gov/haz-mit> or contact either Maryellen Keegan, Director, or Lynda Messerschmidt, Preparedness Planner, at the Monroe County Office of Emergency Management, (570) 992-4113.

#

Office: (570) 992-4113

FAX: (570) 402-7358 or 7359

Emergency: (570) 992-9911

E-mail: mcoem@monroecountypa.gov



You are here: Monroe County > Departments > Emergency Management

Emergency Management Home

Welcome to Emergency Management

- About Us
- CodeRed
- Contact Us
- Hazard Mitigation Archival
- Hazard Mitigation Planning
- Internship Program
- Plans & Planning Guides

The Monroe County Office of Emergency Management is dedicated to the development, establishment and maintenance of programs and procedures which will provide for the protection of lives and property of Monroe County residents from the effects of natural or man-made disasters. Natural or man-made disasters to which the county is subject and for which the office must train and properly respond include floods, major fires, storms, radiological or hazardous material incidents, aircraft accidents, mass casualty incidents and any emergency related function that supports other Monroe County First Responders.



Contact:
 Maryellen Keegan, Director
 Phone:
 (570) 992-4113 ext. 7101



Office of Emergency Management
 100 Gypsum Rd, Suite 101
 Stroudsburg, PA 18360

Phone: (570) 992-4113
 Fax: (570) 402-7358
 Fax: (570) 402-7359

Hours: 8:30 AM to 4:30 PM
 Monday-Friday

Closed all major holidays



(please click on picture to access survey)



Your Help Is Needed For Monroe County's Hazard Mitigation Plan

Wednesday, May 5, 2021 | By Nicole Walters | Hits 522

EMAIL FACEBOOK TWITTER GOOGLE+ LINKEDIN PINTEREST

Each year several people become disoriented in the wilderness and rescue has required considerable time and money. Wilderness search and rescue has required considerable time and money. Wilderness search and rescue has required considerable time and money. **Table 38 – Disorientation Events in Monroe County 2009-2016** identifies the disoriented and missing person incidents for Monroe County from 2009-2016.

Table 38 – Disorientation Events 2009-2016 (Knowledge Center™)

Date	Event	Township
02/13/2009	Missing Person Search	Multiple Districts Township
07/20/2010	Missing Person Search	Coeburn Township
10/23/2010	Missing Person Search	Harsham Township
06/09/2011	Missing Person Search	Stroud Township
06/17/2011	Lost Hikers	Talghatten Township
10/18/2011	Missing Person Search	Monroe County
04/23/2012	Missing Person Search	Jackson Township
09/24/2012	Lost Hiker	Stroud Township
02/20/2013	Missing Person Search	Multiple Smithfield Township
02/13/2013	Missing Person Search	Stroud Township
11/20/2013	Lost Hikers	Coeburn Township
06/09/2014	Search and Rescue, unspecified	Stroud Township
07/09/2014	Missing Person Search	Chemical Hill Township
04/18/2015	Missing Person Search	Franklinport Township
08/21/2015	Missing Person Search	Stroud Township
06/02/2015	Missing Person Search	Stroud Township
06/13/2015	Missing Person Search	Peck Township
07/05/2015	Missing Person Search	Harrett Township

4.3.12.4 Future Occurrence
It is impossible to predict when and where disorientation may occur. During the summer months, as activities such as hiking, biking and camping increase, so do the likelihood of individuals becoming disoriented. Medical emergencies occur regularly during these months.

Monroe County officials need your help in reducing the risk of injury or personal damage from future disasters. The county has been awarded a grant to update the 2016 Hazard Mitigation Plan which is required every five years. The multi-jurisdictional planning effort strives to identify potential hazards as a way to avoid them by preparing for them. That's why the Monroe County Office of Emergency Management needs your help in taking a survey.

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- 2021 Great Wall of Honesdale on Display
- Stroke Survivor Shares His Story to Give Others Hope
- Animal Shelter Needs Donated Items to Sell at its Annual Yard Sale
- Shawnee Craft Brewing Company Helps in the Fight Against Brain Cancer
- Keystone Backyard Ultra Draws 100 Runners
- Historic Trolley Tours Coming to Jim Thorpe

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

June 7, 2021

Mr. Mark S. Nalesnik, Coordinator
Carbon County Emergency Management Agency
1264 Emergency Lane
Nesquehoning PA 18240

Dear Mark:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

It is important that the counties surrounding Monroe County have the ability to review and comment on the updated draft 2021 Monroe County Hazard Mitigation Plan. The draft plan is available at the Monroe County website, <http://www.monroecountypa.gov/hazmit>. If you have comments in reference to the plan, please forward your comments in writing to the attention of Maryellen Keegan, Director or Lynda Messerschmidt, Emergency Preparedness Planner, Monroe County Office of Emergency Management.

If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Monroe



County

Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

June 7, 2021

Mr. Richard Barbolish, Coordinator
Lackawanna County Emergency Management Agency
30 Valley View Business Park
Jessup PA 18434

Dear Rich:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Office: (570) 992-4113

FAX: (570) 402-7358 or 7359

Emergency: (570) 992-9911

E-mail: mcoem@monroecountypa.gov

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

June 7, 2021

Ms. Lucille Morgan, Coordinator
Luzerne County Emergency Management Agency
200 North River Street
Wilkes Barre PA 18711

Dear Lucy:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

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Emergency: (570) 992-9911

E-mail: mcoem@monroecountypa.gov

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100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
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June 7, 2021

Mr. Todd K. Weaver, Coordinator
Northampton County Emergency Management Services
100 Gracedale Avenue - 911 Center
Nazareth, PA 18064

Dear Todd:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
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June 7, 2021

Mr. Tim Knapp, Coordinator
Pike County Emergency Management Agency
135 Pike County Boulevard
Lords Valley PA 18428

Dear Tim:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

June 7, 2021

Mr. Steven E. Price, Coordinator
Wayne County Emergency Management Agency
43 Volunteer Drive
Honesdale PA 18431

Dear Steve:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
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June 7, 2021

Mr. Frank Wheatley, Coordinator
Warren County Office of Emergency Management
1024 Route 57
Washington NJ 07882

Dear Frank:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

Monroe



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Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360

Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy

June 7, 2021

Sheriff Michael F. Strada, Coordinator
Sussex County Office of Emergency Management
135 Morris Turnpike
Newton NJ 07860

Dear Sheriff Strada:

The Monroe County Commissioners have been tasked with completing an update to the current 2016 Monroe County Hazard Mitigation Plan. The update process began January 8, 2021. The 2021 Monroe County Hazard Mitigation Plan was updated and is available for public comment from June 22, 2021, through July 22, 2021.

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If you have any questions, please feel free to contact the project manager for the hazard mitigation plan update, Michael T. Rearick, Senior Consultant with MCM Consulting Group, Inc. at 814-229-8063.

Sincerely,

Maryellen Keegan, Director
Monroe County
Office of Emergency Management

MK/lsm

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Emergency: (570) 992-9911

E-mail: mcoem@monroecountypa.gov

Monroe



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**Public Safety Center
100 Gypsum Road – Suite 101 – Stroudsburg, PA 18360**

**Office of Emergency Management (OEM) Local Emergency Planning Committee (LEPC)
Fire and Emergency Services Training Academy**

January 20, 2021

Dear Township Manager & Commissioners:

Monroe County Commissioners are beginning an update to the 2016 Hazard Mitigation Plan, which will reach its five year expiration in October 2021. The current plan, which was adopted by all 20 municipalities in 2016, identifies natural and human-made risks to the County, as well as sustained actions that each municipality selected to pursue to reduce or eliminate affects these risks pose to life and property. **Each county and municipality is required under the Federal Disaster Mitigation Act of 2000 to have a current and adopted hazard mitigation plan.** By having a FEMA-approved Hazard Mitigation Plan, your municipality is ensured eligibility for hazard mitigation and post federally-declared disaster recovery funding.

The Commissioners have secured a grant and contracted with MCM Consulting Group, Inc. to update the 2016 plan, a process that will be conducted through September 1, 2021. We are currently developing a local planning team to assist with updating the Plan. It will be completed by the County with involvement and input from numerous stakeholders. This process relies heavily on municipal and stakeholder participation, through the development of a Planning Team, led by the Monroe County Office of Emergency Management and the Monroe County Planning Commission. **Stakeholders will be requested to participate in approximately four to five meetings and to complete surveys and worksheets over the next eight months.**

We would like to invite you or your designee, to participate in the Hazard Mitigation Planning Team's initial kick-off meeting on **February 4, 2021 at 2:00 p.m. using a Zoom virtual meeting.** Due to COVID-19, we will conduct meetings virtually at the beginning of the project. During this meeting, the duties and responsibilities of the local planning team and the Hazard Mitigation Plan Update project schedule will be reviewed and discussed. Worksheets and surveys will also be provided for completion. We feel that you will be an asset to our team for the 2021 planning process.

If you are interested in participating as a local planning team member, please email or call Lynda Messerschmidt, Monroe County Office of Emergency Management at 570-992-4113 or email lmesserschmidt@monroecountypa.gov .

If you have any questions, feel free to contact me. Thank you for your anticipated participation.

Sincerely,

Lynda Messerschmidt
Emergency Preparedness Planner



Monroe County Hazard Mitigation Plan Update meeting June 22, 2021

10 views · Jul 30, 2021

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GENERAL COMMENTS

1. Consider how you want the index to read – to stay consistent, you should choose either the 4.3. format or the 4.3 format (see 2.2, 2.3, 2.4, 2.5, 4.3.3, 4.3.5, 5.2 versus others)
2. Throughout the document, the capitalization of “the Commonwealth” (or the commonwealth) vacillates
3. Ctrl H and replace “tornados” with “tornadoes”
4. Ctrl H and replace “storm water” with “stormwater” – doc. Uses both interchangeably
5. Almost all of the maps have a description that reads “Map/Description automatically generated”
6. Suggest Ctrl H for two spaces and reduce to one

SPECIFIC COMMENTS

1. Pg. 5 - Sec 1.3 – scope, last sentence of 1st paragraph should read “human-caused”
2. Pg 8, 2.1, last sentence – there are #s instead of \$ for 3.3 billion and 370 million
3. Pg. 10 2.2 1st sentence on pg 10, add a space between “2021,” and “Monroe”
4. Pg 12, Table T2 – Municipal Populations – remove s to stay consistent with document
5. Pg 14, 2.5 – 3 bullet points are missing periods at the end
6. Pg 22, 3.2 – my name is Julia Heilakka, not Julie
7. Pg 25, 3.5 – Table 5 is label incorrectly in the paragraph text
8. Pg 27, 4.1, paragraph 5 – stormwater is one word
9. Pg 28, 4.2.1 – Declarations and Proclamations add to title (add for consistency among titles)
10. Pg 30, 4.2.2 – 1st paragraph – add period after 4.3
 - a. Under Hurricane “300 miles”
 - b. “Identified Human-Caused Hazards”
11. Pg 56, 4.3.3.1 – first word - “Pennsylvania,” (comma is currently a period)
 - a. Pg 56, third line in paragraph “...southern parts of the **state experience**...”
12. Pg 76 4.3.5.1 – 1st para, 7th line – nor’easters rotate counterclockwise
13. Pg 93 4.3.7.1 – 2nd paragraph, 3rd to last sentence has 2 periods
 - a. Pg 93 , last paragraph, fourth sentence has an extraneous) after “throat”, which should be a comma
 - b. Pg 93 - Consider giving each disease a title heading to match the sections after
14. Pg 95 4.3.7.2 – 1st para, suggest rewriting sentence for clarity – “For example, approximately 80% of West Nile Virus cases are clinically asymptomatic”
 - a. Next sentence, “...mild infection, ~~as~~ known as...”
 - b. 2nd para – “...20,000 deaths **worldwide**...”
 - c. 3rd para – “...airport, etc. Other **advances**...”
 - d. Pg 96 - 4th para, last sentence “...employment; **and slowed** productivity.”
15. 4.3.7.3 – pg 98 COVID-19 paragraph, June 11th date – the comma is superseded also
 - a. Pg 99 Infectious Disease, last sentence – ticks transmit Lyme, and they aren’t insects. Perhaps just “...are transmitted by biological vectors which are found...”
 - b. Pg 100 Table 31 – listed correct in the paragraph, but the index and table heading both read “Date” instead of “Data”
16. 4.3.7.5 – ph 101. 1st paragraph ...”was on pace for greater than a “**medium-level**” pandemic...”

- a. Pg 102 First para – suggest rewrite for “especially those in nursing homes – disproportionately;” to “...over the age of sixty-five, disproportionately so those in nursing homes. It has...”
 - b. Pg 102 2nd para, 1st sentence – “Elderly individuals, **children, and immune-deficient** individuals...”
 - c. Pg 102 2nd para, I don’t understand this – “Mrs. Bush’s Personal Care home **one and two** with a total of forty-seven positive residents and five deaths”
 - d. 3rd para – “Within Monroe County, there are three major hospitals **with** numerous beds **and** various medical and emergency centers.
 - e. Last para – “...locations are offering the ~~vaccinations of~~ Pfizer, Moderna, and Johnson & Johnson vaccines.”
17. 4.3.8.1 – 1st line of pg 104, - tornadoes
 18. 4.3.8.2 – pg 105 “Although **F-Scale** has been used for many years...”
 - a. Pg 105 same paragraph, 5th line from end, remove space in “EF- Scale”
 - b. Last bullet point on pg 107 – “Toppled **high-profile** vehicles...”
 19. Pg 119 4.3.9.3, last sentence – “**state-owned** game lands.”
 20. Pg 124 4.3.10. – “Nor’ Easter” shouldn’t have a space or a capital – “Nor’easter”
 21. Pg 125 - 4.3.10.2 – what does NCDC stand for?
 22. Pg 127 - 4.3.10.3, 1st paragraph - year “2016 for heavy snow and ice storm events” there may be 2 space between “snow” and “and” – not sure
 - a. 2nd para – suggestion to indicate what table they are indicated in red on
 - b. Pg 129, 2nd line – suggestion to indicate which table the 2003 event is highlighted in
 23. Pg 135 4.3.11.1 – the Figure 43 in the text (2ns para at end) is different than the actual figure’s title
 24. Pg 148 4.3.12.3 – there was a missing persons event in Coolbaugh Twp in April 2021. I don’t know if this would cover an event so recent. Occurred in Brady’s Lake.
 25. Pg 151 - Figure 48 – Suggest talking to Fallon of Monroe County Open Space. She will have a map with updated trails. Trails for Austin T. Blakeslee Natural Area are not here, and I know a lot of others are missing.
 26. Pg 156 and 157 - 4.3.14.3 – should be “fundraising” not “fund raising” (occurs 2 times)
 27. Pg 157 - 4.3.14.5 second sentence has two periods.
 28. Pg 158 - Paragraph after figure 50 – I think there’s a double space between “for” and “the” in the first sentence
 29. Pg 161 - 4.3.15.1, 3rd paragraph – remove the space: “**(EPA)-identified**”
 - a. Bullet points – RCRAInfo is never spelled out as Resource Conservation and Recovery Act Information, up to you if you want to do that
 30. Pg 163 - 4.3.15.2 – the first three paragraphs are justified, the others are align left.
 31. Pg 173 - 4.3.16.1 – last sentence of first paragraph – “...environment that may lead to acute health effects (e.g., death, burns, severe impairments), chronic health effects (e.g., cancer), and psychological effects. ~~acute (radiation sickness or death) or chronic (cancer, psychological distress) health effects.~~”
 - a. Add a space between paragraphs 1 and 2
 - b. Pg 173, bottom of page – remove period from after figure name

32. Pg 177 4.3.16.2 – third paragraph, there’s some odd paragraphing – not sure if you need to add space between paragraphs or condense them
 - a. Also third paragraph, “Non-lethal doses in **varying** degrees would cause...”
 - b. Alert section, last word (guides) should be capitalized
33. Pg 181 4.3.17.3, last three words on page – “Monroe County experienced a total of 2,246 **drug-related** deaths”
34. Pg 186 - 4.3.17.4, first sentence: “steady rise in **opioid-related** deaths over”
35. Pg 191 4.3.18.3 – last line on page – “...who may have become radicalized through **hate** groups either in real life...”
36. Pg 193 4.3.18.5, first paragraph – “that could be used to interfere with the focus of day-to-day life that **the** county experiences.”
37. Pg 196 - 4.3.19.1 Aviation, “Flying Dollar Airport is a privately owned, public-use airport **that was** formerly Barrett Airport and is the oldest airport in the Poconos.”
 - a. Aviation – you mention there are three airports in the county, but the Stroudsburg-Pocono Airport is not listed in Figure 61 (pg 214). In this section, the Pegasus Airpark is not referenced, but it appears on the Figure 61 map.
38. Pg 197 - 4.3.19.3 second paragraph – database is one word
39. Pg 241 - Table 88 is mislabeled – should read Stroud Township
40. Pg 245 - 4.4.4. – there’s a space in the population number for Monroe County
41. Pg 153 5.2.2. – first sentence – “There are **four** boroughs and **sixteen** townships within Monroe County.” (I think I’m correct there – please double check my numbers)
42. Pg 258 5.2.4, 2nd paragraph – I think there are commas missing in this sentence, I’m not sure how it’s supposed to read – “Providing fire, medical and search and rescue training and education enhances the response and recovery...”
 - a. Pg 258 - 3rd paragraph – “...regulations in **floodplain** management...”
43. Pg 262 - 6.1. – in the first paragraph, the table has the wrong number – it should be 95
44. Pg 266 - 272 - Table 96, may be a formatting issues, but there are words missing spaces and a lot of the last lines (or two) have strange indents (see Action 5.1.2 to see what I mean)
 - a. Action 1.2.1 “inthe” and “outreachand”
 - b. Action 1.2.2 – “toassist”
 - c. Action 1.3.1 – “impactof”
 - d. 2.1.1 – “toinvestigate”
 - e. 2.1.3 “grassaway”
 - f. 2.1.4 “tosecure”
 - g. 2.2.1 “167Plans”
 - h. 2.2.3 “todiscuss”, “**at-risk** waterways”
 - i. 2.3.2 “structuresto”, “repetitive**loss**”
 - j. 2.4.1 “criticalfacilities”
 - k. 2.4.2 “GISlayers”
 - l. 2.5.1 “reducebusiness”
 - m. 2.5.4 “tomaintain”
 - n. 2.5.5 – “utilityproviders”
 - o. 3.1.1 “forall” , there’s also a strange paragraph break
 - p. 3.2.1 “conservationmeasures”

- q. 4.1.4 “facilitiesin”
 - r. 4.1.5 “generatorsat”
 - s. 5.1.1 – odd extra space(s) for last line
 - t. 5.1.2 - odd extra space(s) for last two lines
 - u. 6.2.1 – “onmitigation” and odd paragraph break
 - v. 6.2.2 – odd parapgh break and space on last line
 - w. 6.2.3 - odd extra space(s) for last two lines
45. Starts pg 272 - Sections 6.2 – end of document are all justified where rest of document is left aligned
46. Pg 274 - Table 97 – 5.3 – “all-hazards” doesn’t need a hyphen
47. Table 98 9(pg 276) and pg 275 – in the table, it’s “Natural Systems Protection” and in the text it’s called “Natural Resource Protection”
48. Pg 276 Table 98 – Hazard should read “Winter Storms/**Nor’easter**”
49. Pg 277 Table 99 – suggest getting “Prioritization” on one line – could probably reduce the width of hazard vulnerability. Also suggest widening “category” to get infrastructure on one line, as well ass “Local Champion” so “municipalities fits on one line
- a. Pg 283 - 4.2.1 – “Smith Field” should be one word
 - b. Pg 284 - 5.1.1, 7.2.1, 7.2.2 – description/action items is at a larger font size than other text
50. Ph 287 = Funding acronym defs:
- a. HMERP doesn’t have the same spacing as the others, to stay in keeping with the other definitions “...Response Program, **administered** by...”
 - b. HHPD – “**Rehabilitation of High Hazard Potential Dams Grant Program, administered by...**”
51. Pg 287, Table 100
- a. I don’t understand this table. Is this stating that every municipality has adopted every mitigation action? Perhaps add an introduction paragraph before this table
 - b. The font size of the actions numbers (1.1.1, etc) change size throughout the tables

#1

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Page 1

Q1

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Page 160 - Chart of EMS Agencies - Pocono Mountain Regional EMS provides full coverage to Barrett, Paradise, Coolbaugh, and TOBYHANNA Townships along with Mt Pocono Borough. Pocono Mountain Regional EMS provides coverage to portions of Price and Tunkhannock Townships.

#2

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Page 1

Q1

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In the law enforcement section on page 160. Coolbaugh Township is covered by Pocono Mountain Regional Police, not PSP Stroudsburg.

#3

COMPLETE

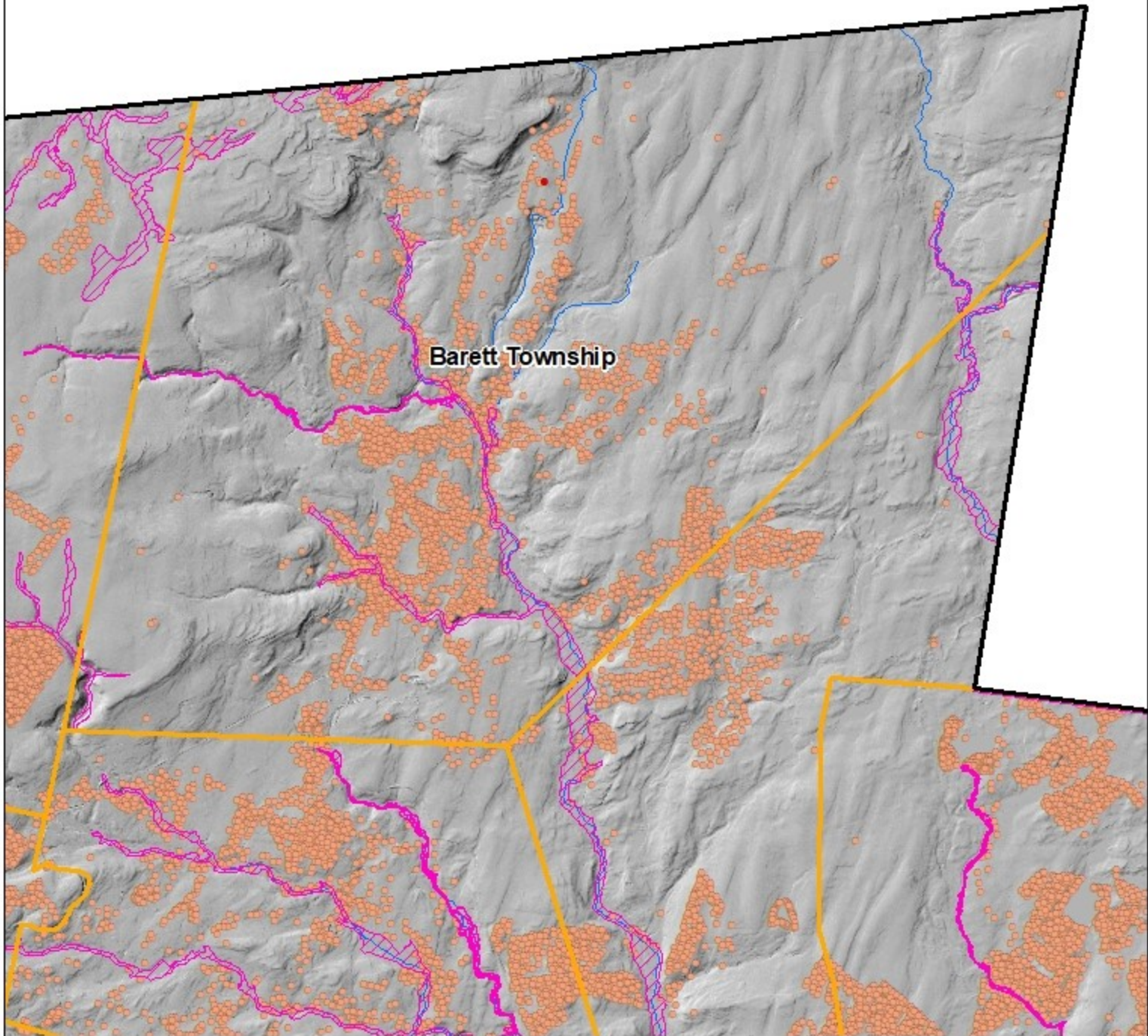
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Page 1

Q1

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Wildfires in PA generally do not occur during drought conditions. Wildfires in PA occur during spring and fall, during leaf-off conditions, when sunlight can reach the forest floor. Spring and fall provide the proper weather conditions -warm and dry (low rh) -as opposed to summer in PA which is warm and humid (not conducive to fire ignitions and spread). Monroe county is a highly proportionate Wildland-Urban Interface (WUI) county. Residences in the interface are at risk to debris burns -most residences destroyed by wildfires in PA are a result of the homeowner burning debris without properly considering weather (dry and windy conditions) and without properly/adequately mitigating around their residence and burn area -clearing all leaves and other combustible materials.



Barrett Township - Monroe County

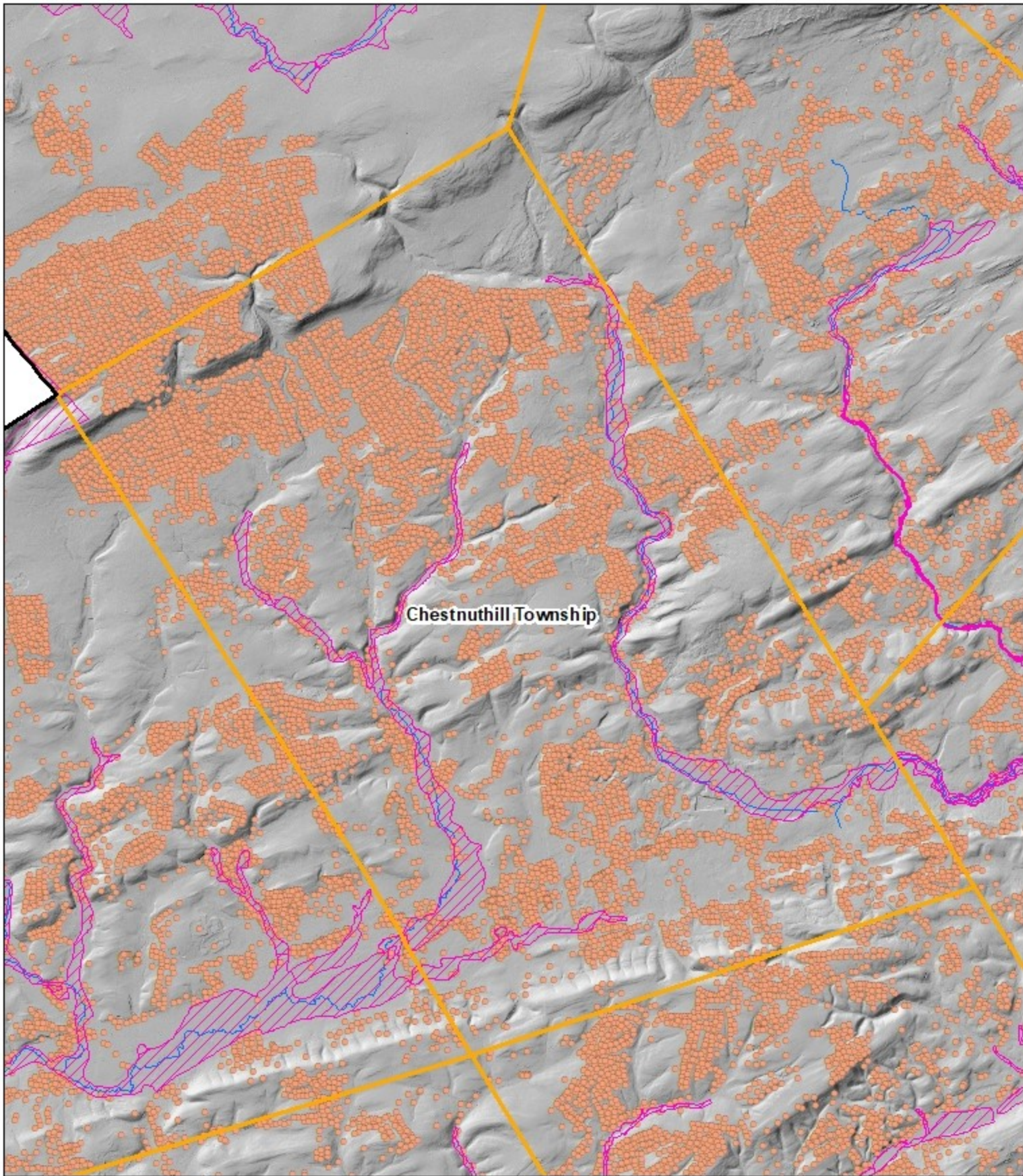
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-  Municipalities
-  MonroeCounty_SFHA

-  SARA_Facilities
-  Site_Address_Points







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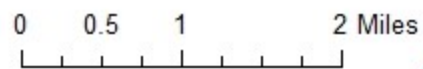


Chestnuthill Township - Monroe County

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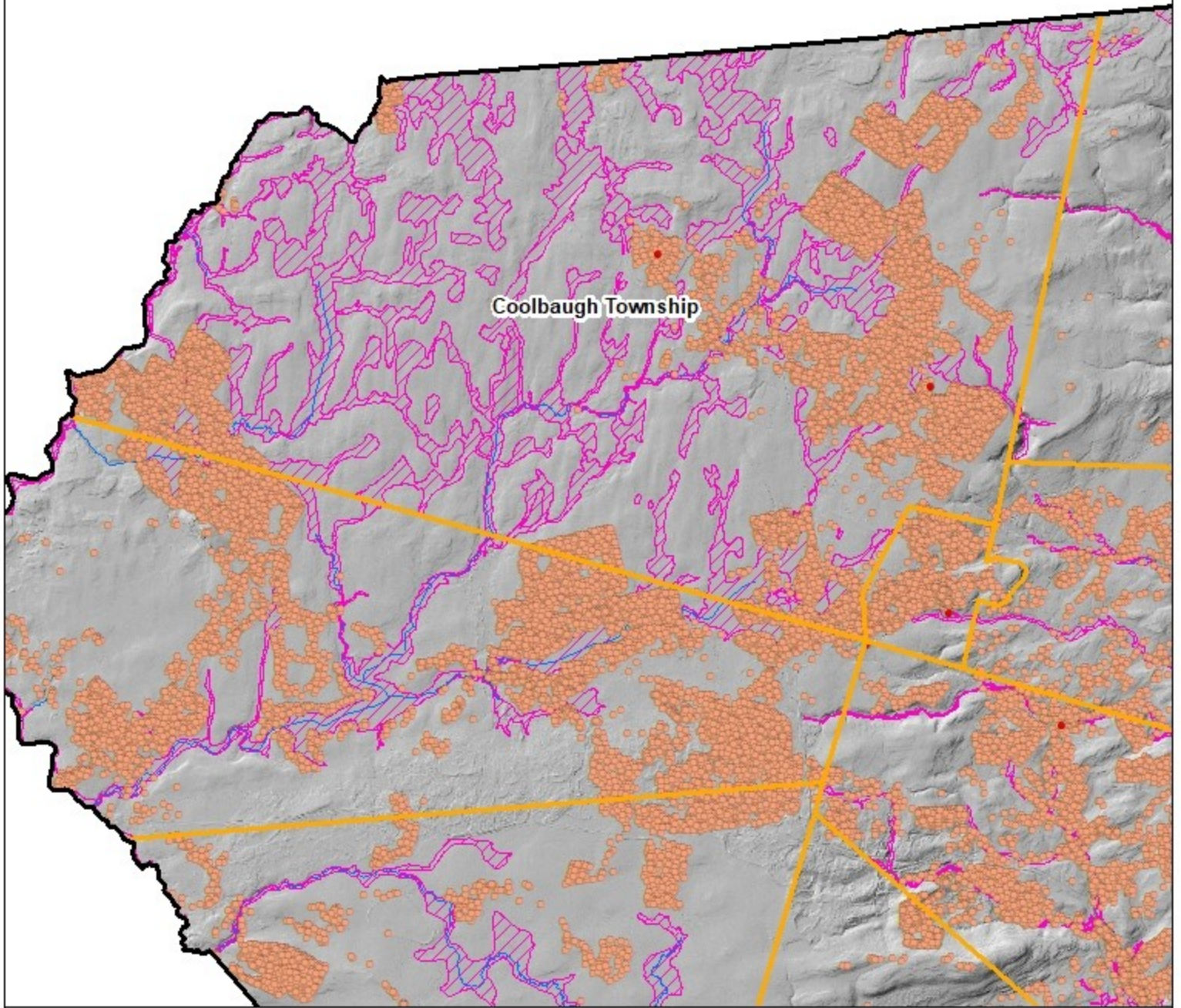
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


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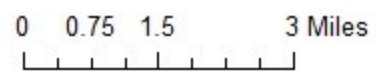


Coolbaugh Township - Monroe County

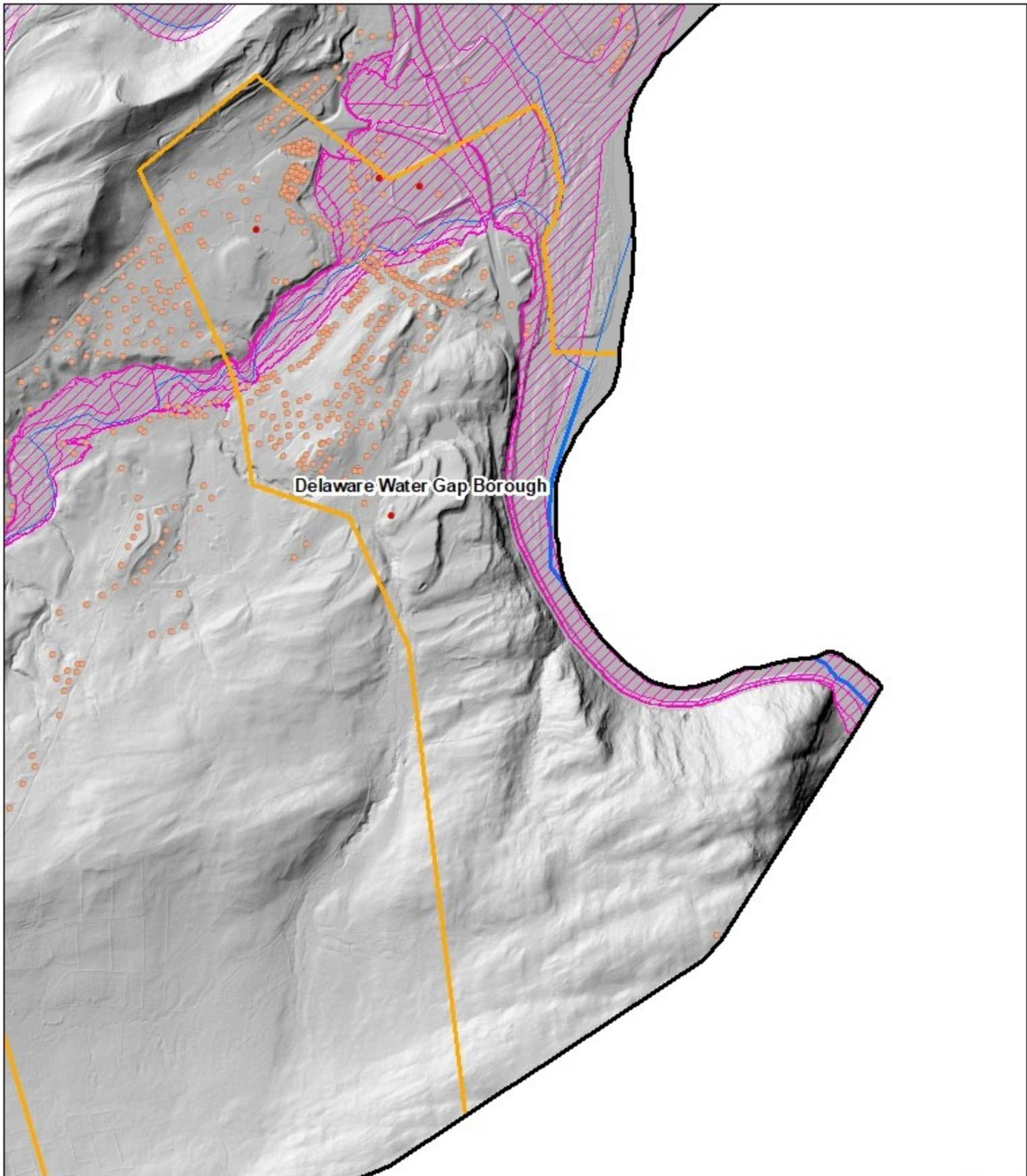
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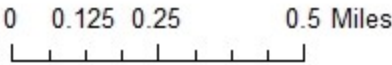
Delaware Water Gap Borough

Delaware Water Gap Borough - Monroe County

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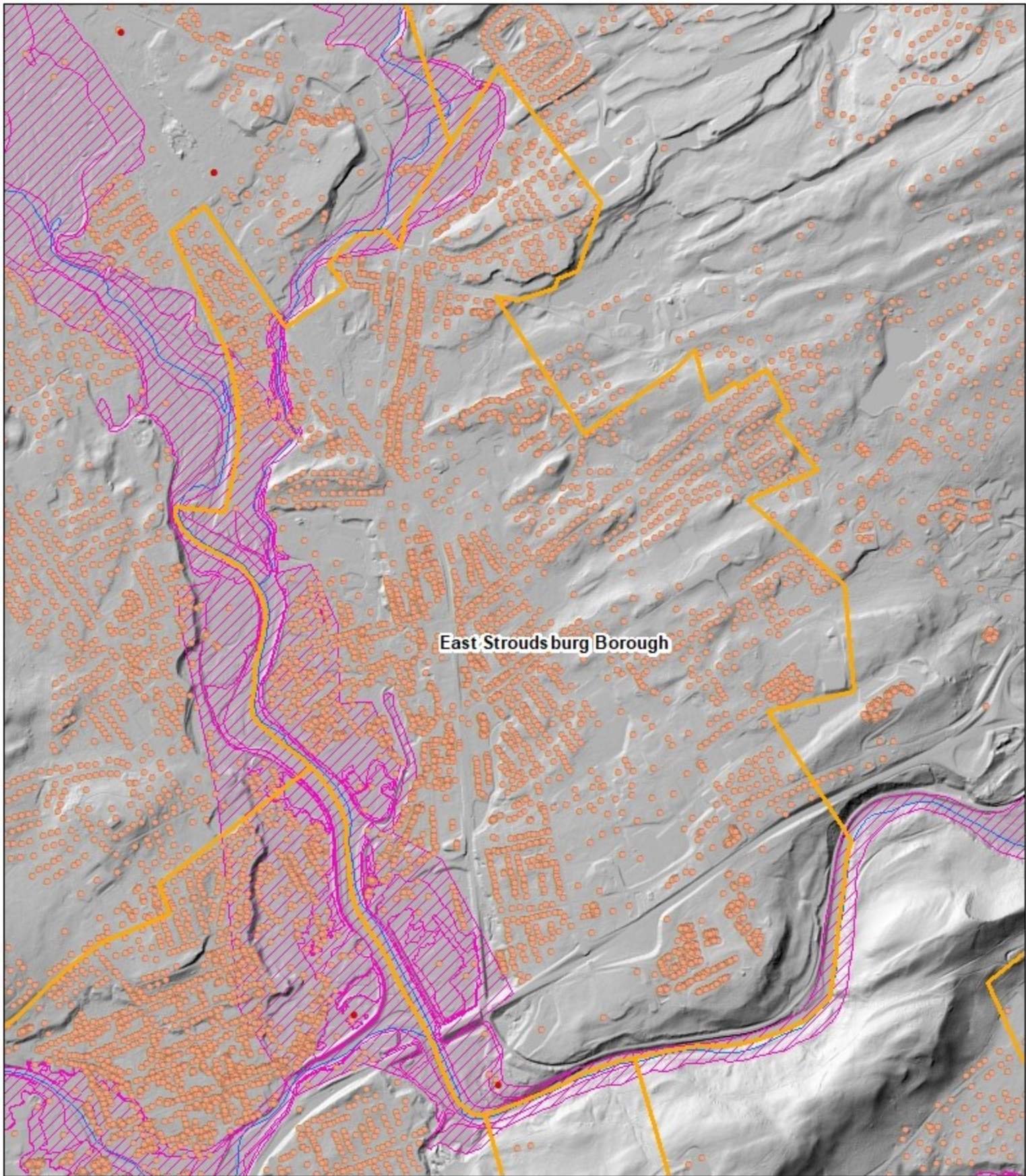
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-  Site_Address_Points





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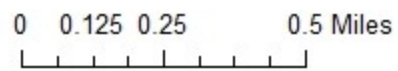


East Stroudsburg Borough - Monroe County

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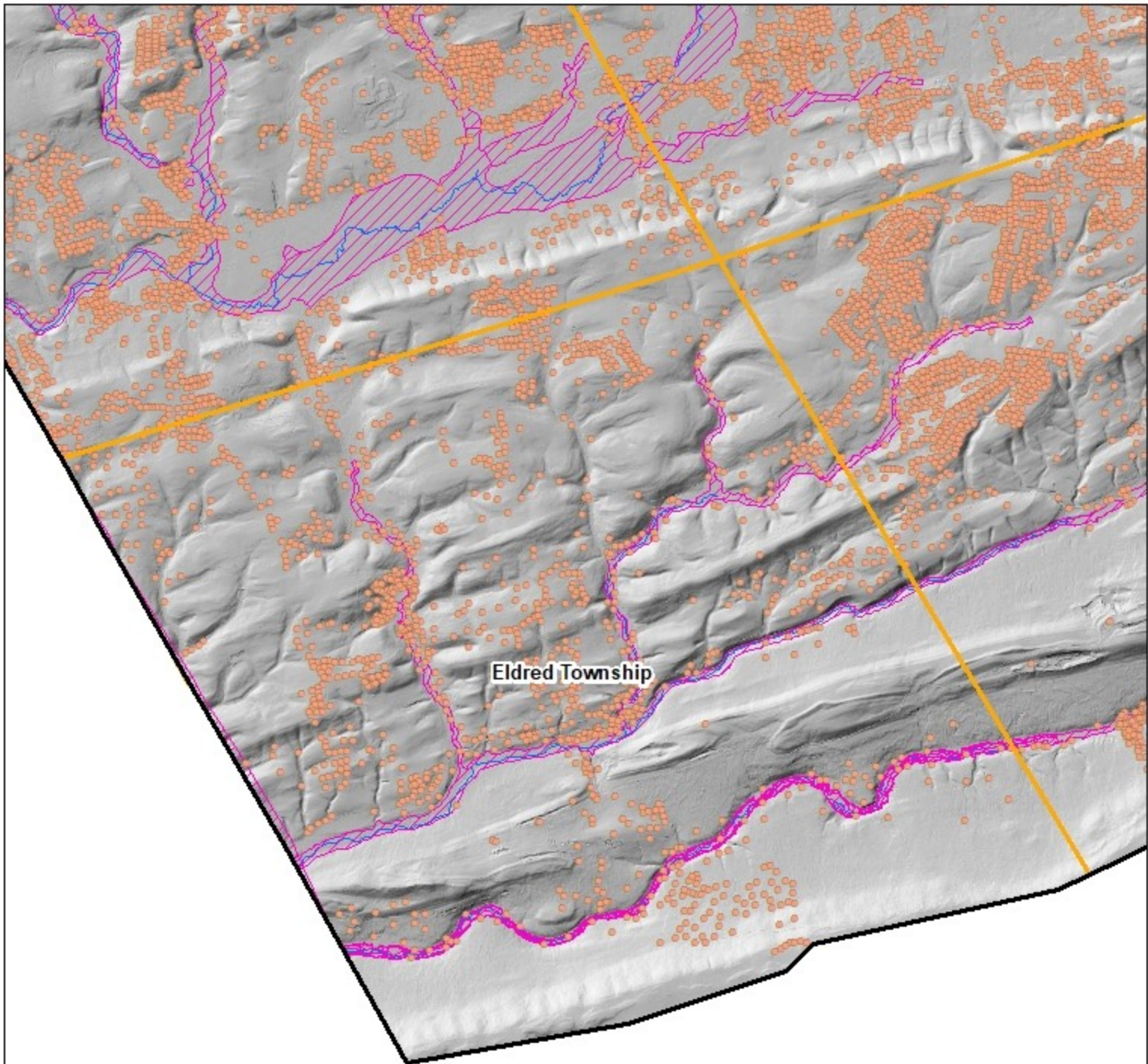
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


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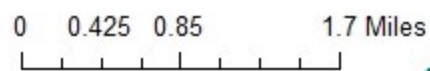


Eldred Township - Monroe County

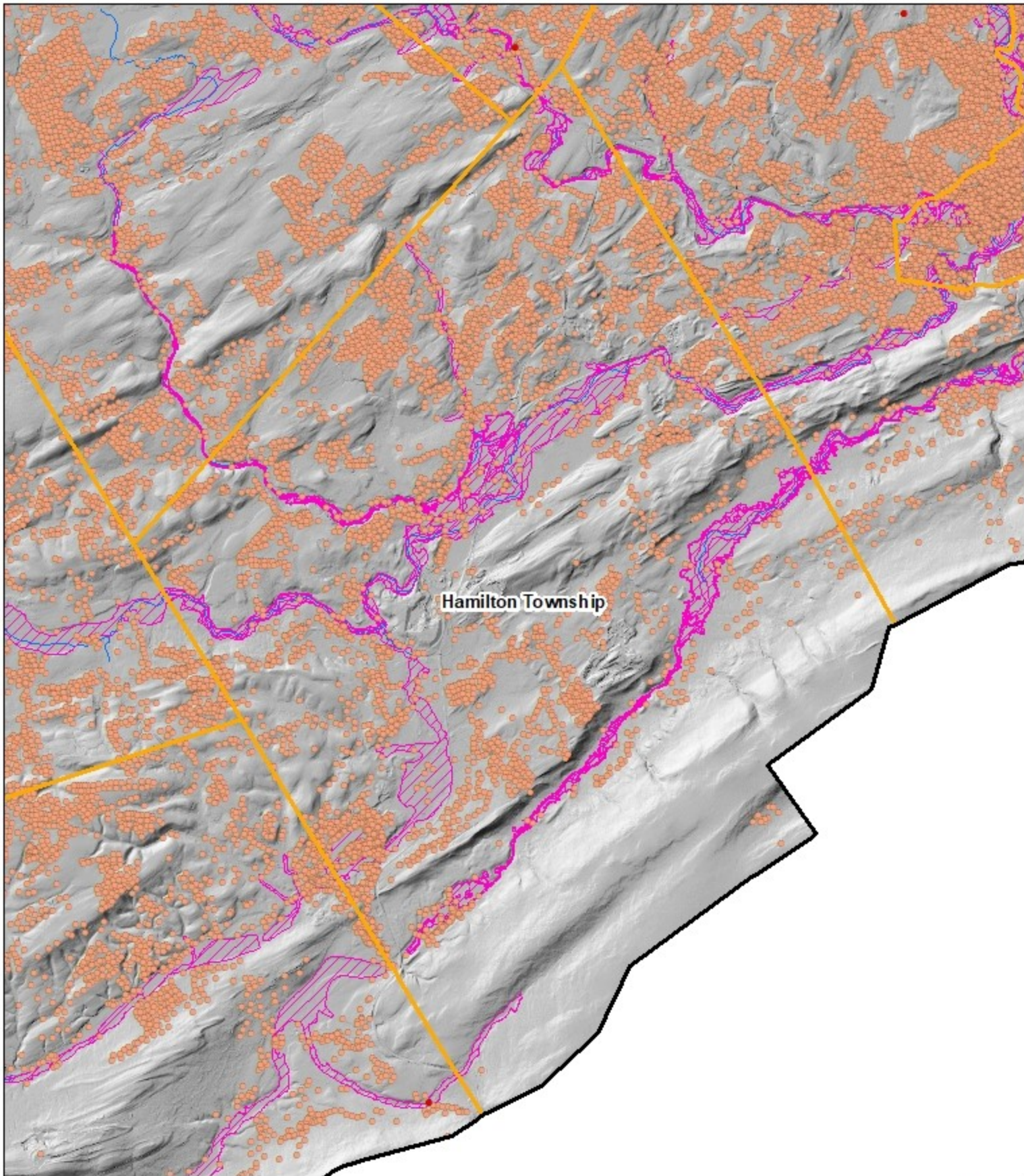
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-  MonroeCounty_SFHA

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-  Site_Address_Points








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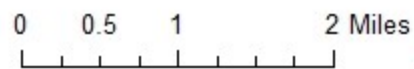


Hamilton Township - Monroe County

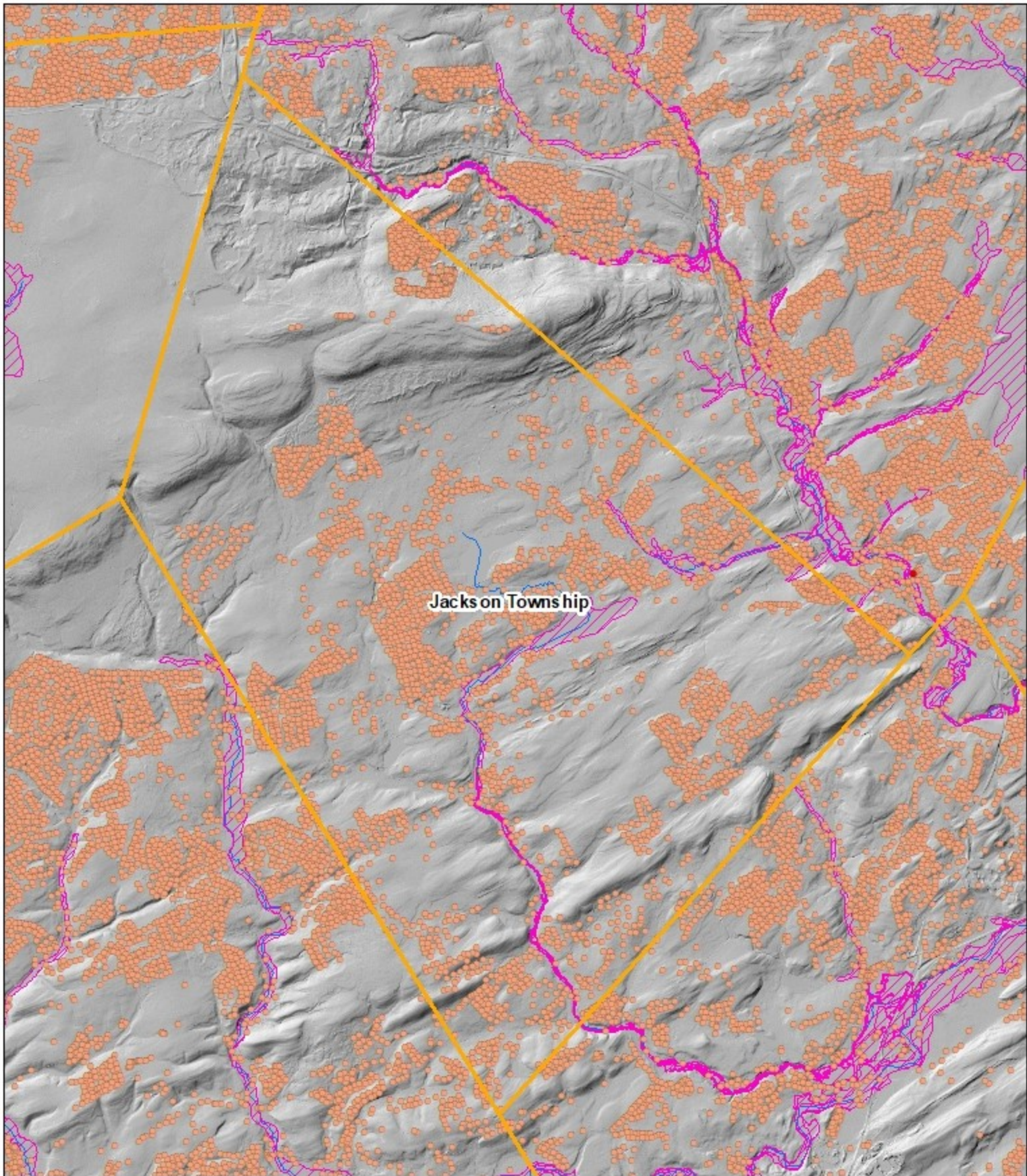
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-  SARA_Facilities
-  Site_Address_Points







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Jackson Township - Monroe County

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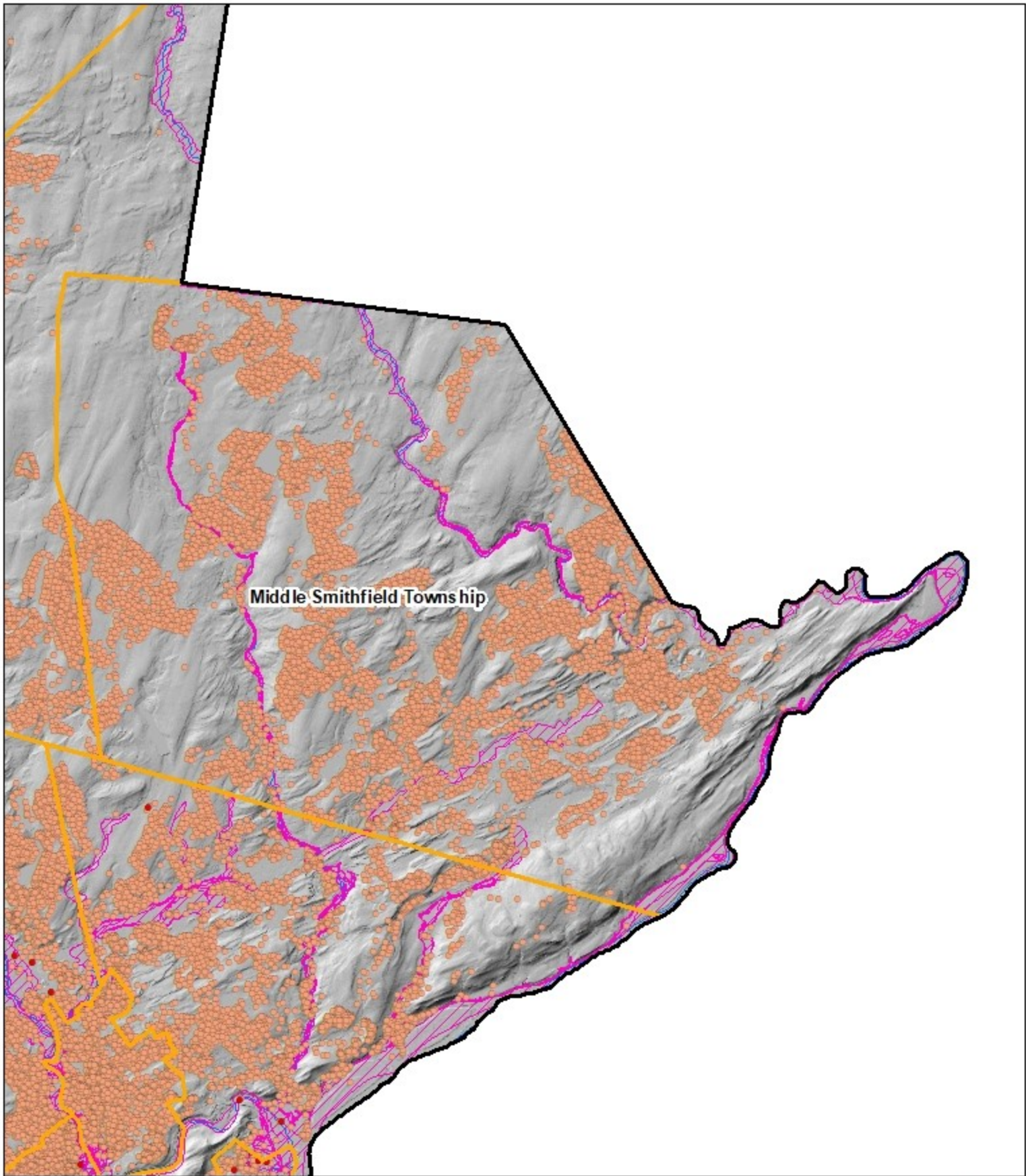
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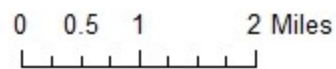


Middle Smithfield Township - Monroe County

Legend

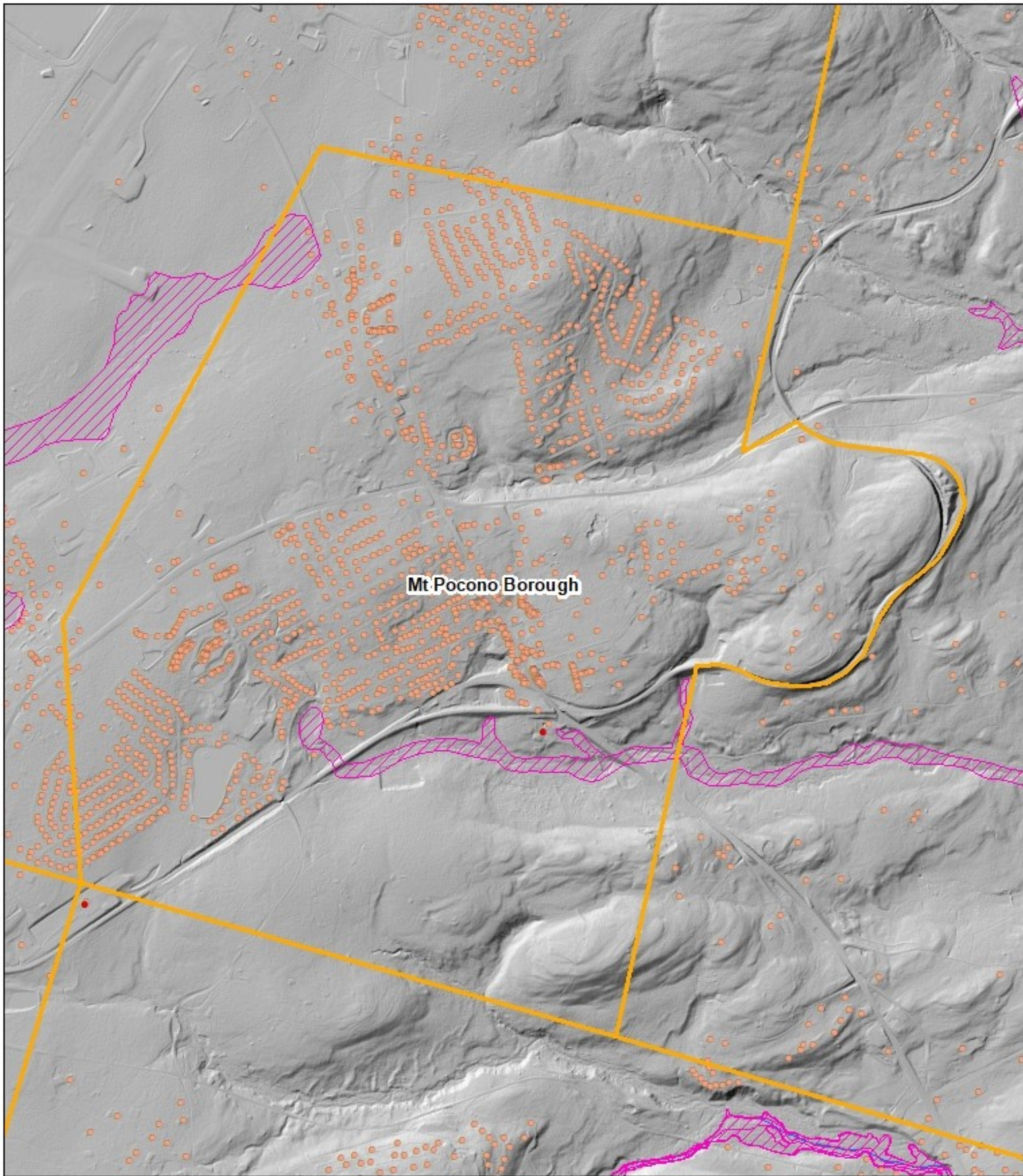
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Mt Pocono Borough

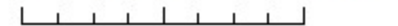
Mount Pocono Borough - Monroe County

Legend

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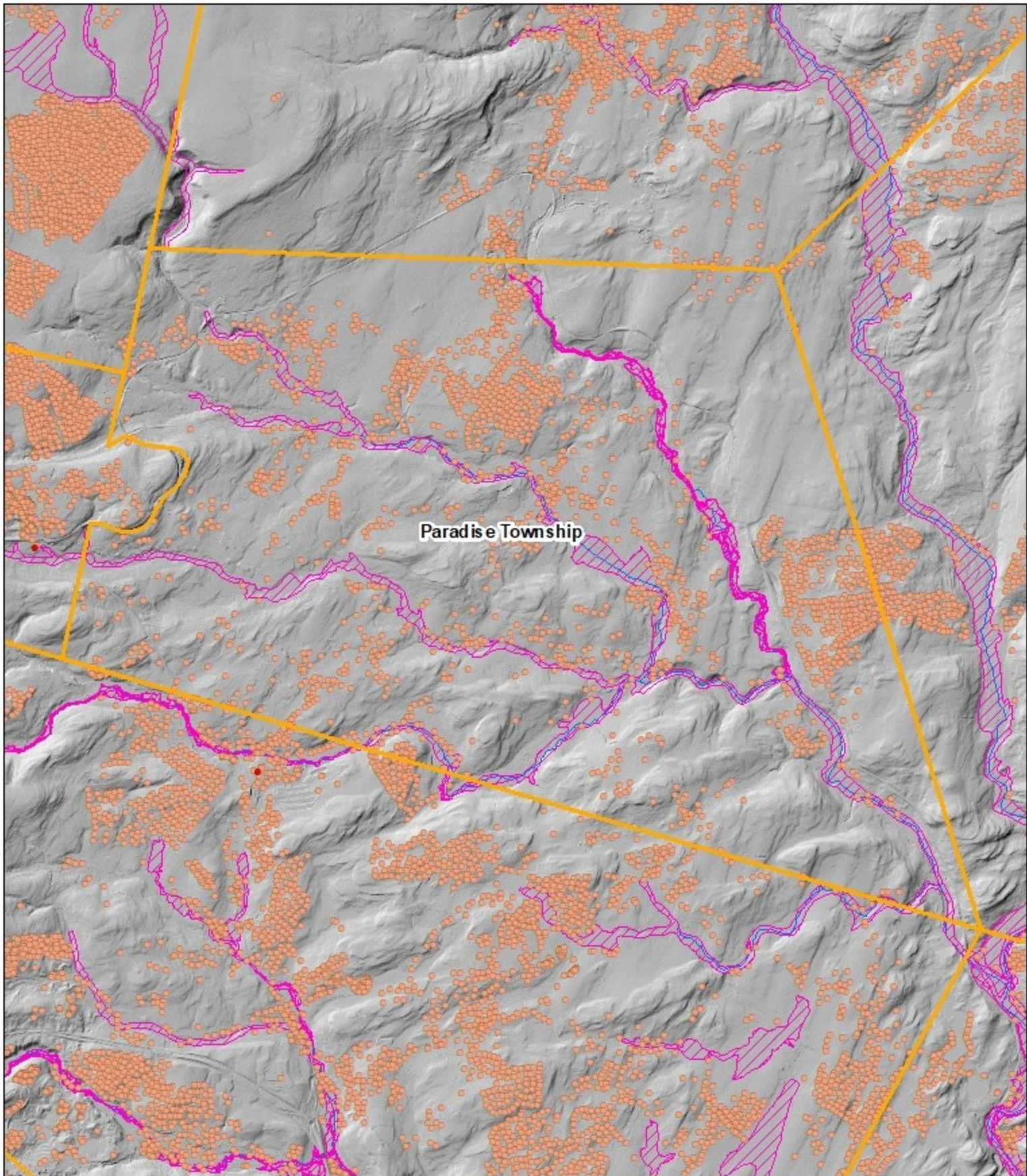
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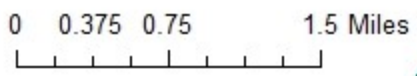
Paradise Township

Paradise Township - Monroe County

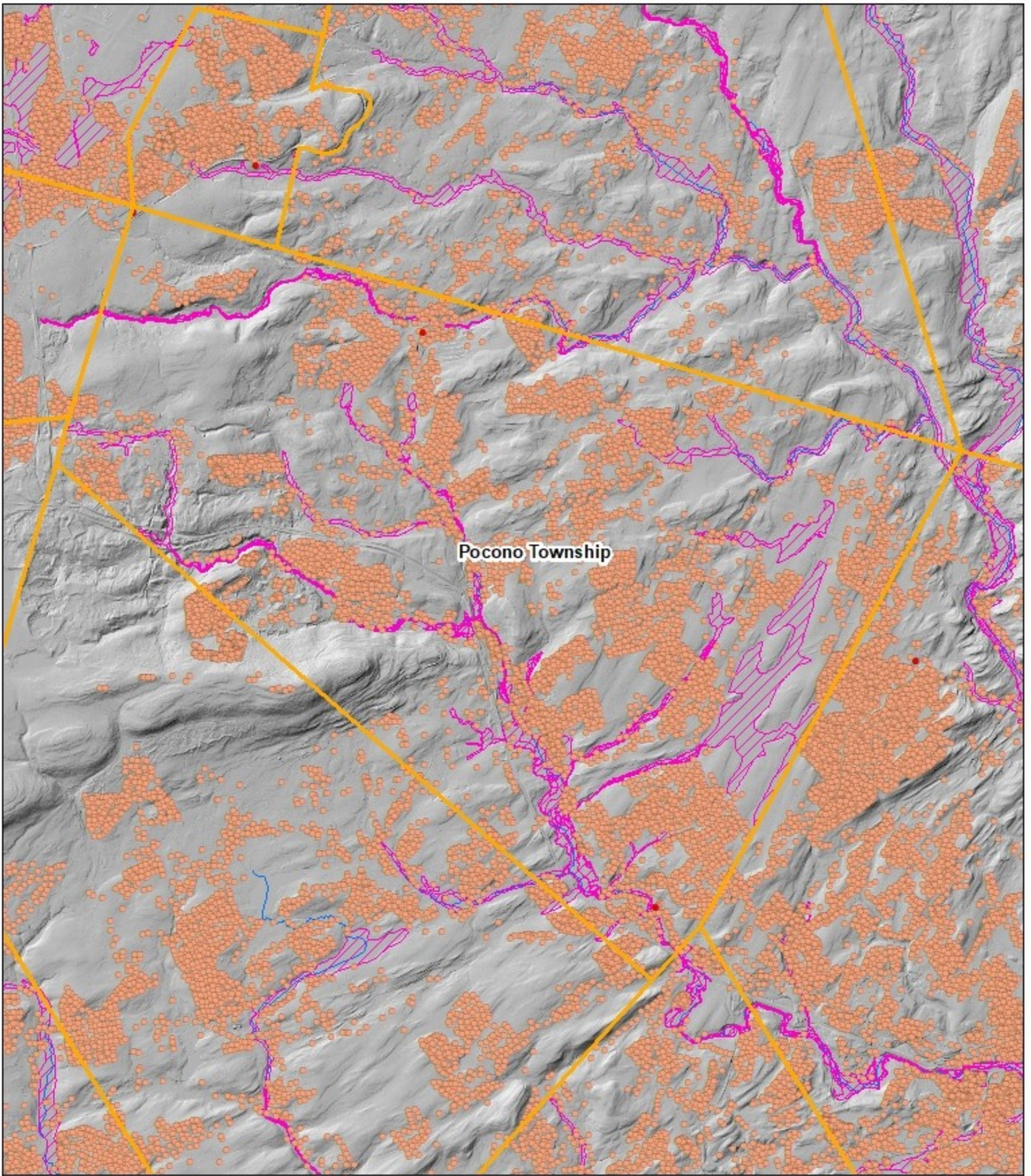
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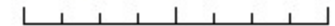
Pocono Township - Monroe County

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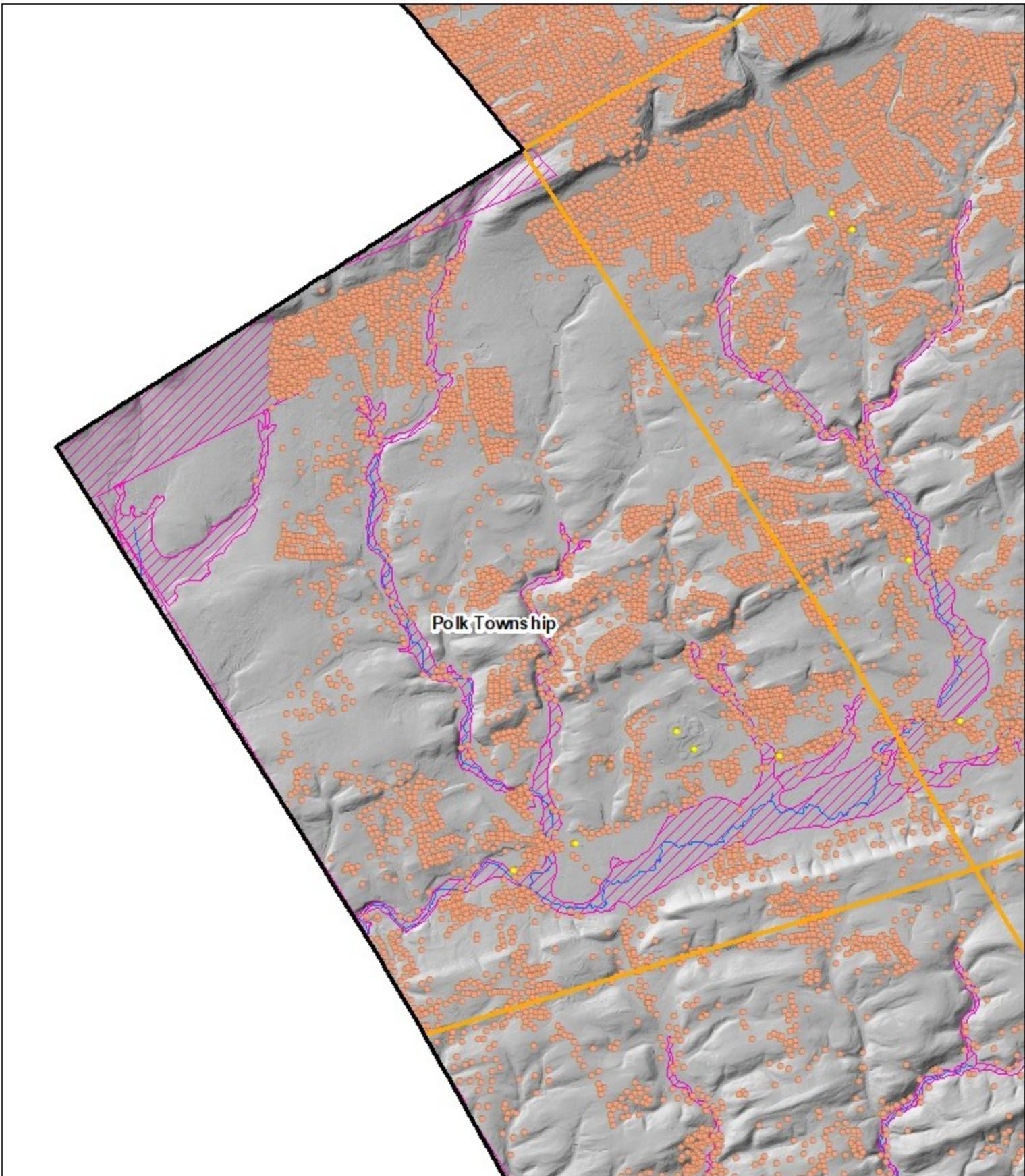
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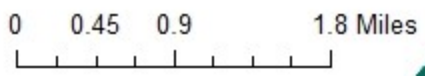


Polk Township - Monroe County

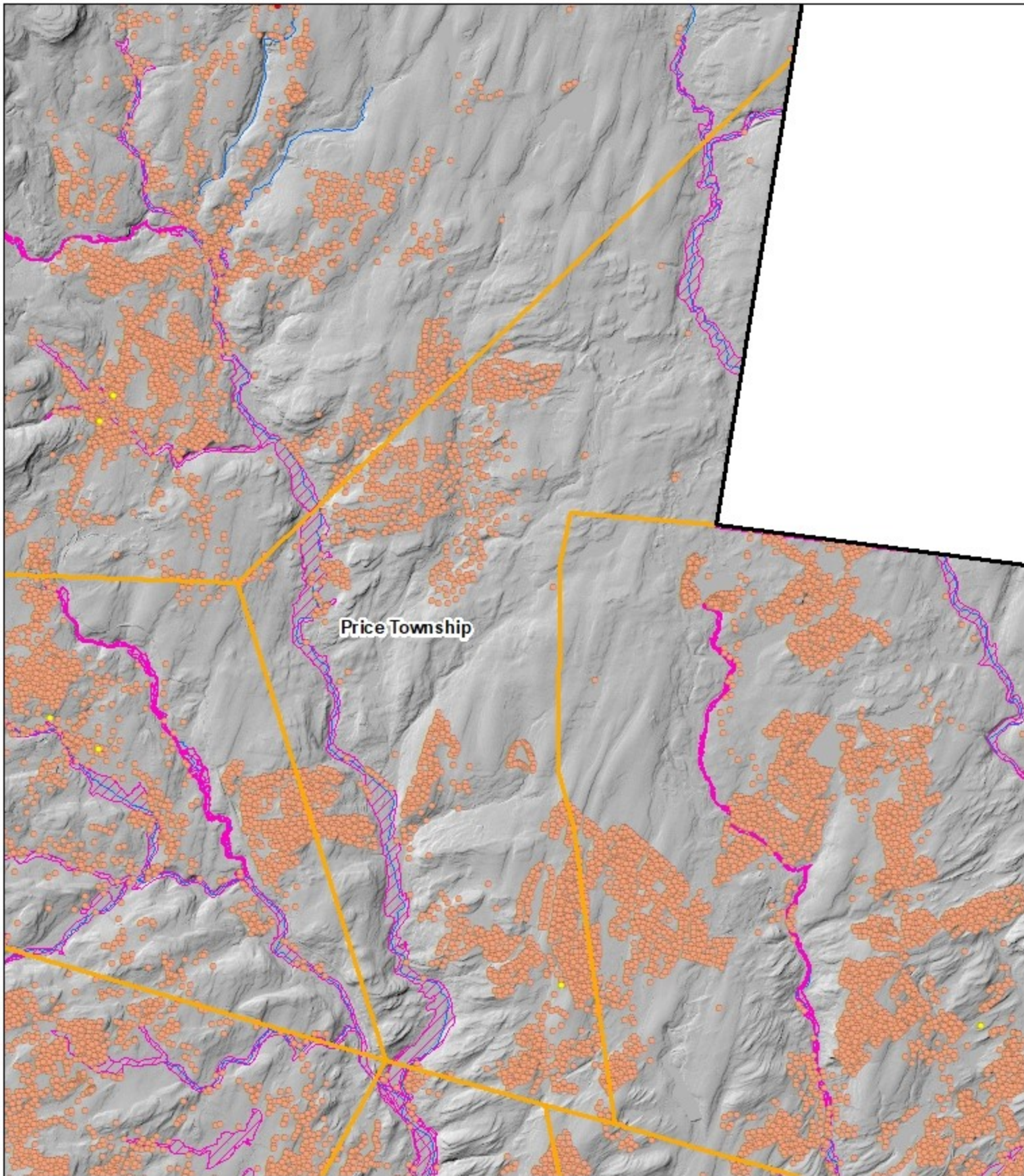
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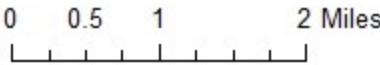
Price Township

Price Township - Monroe County

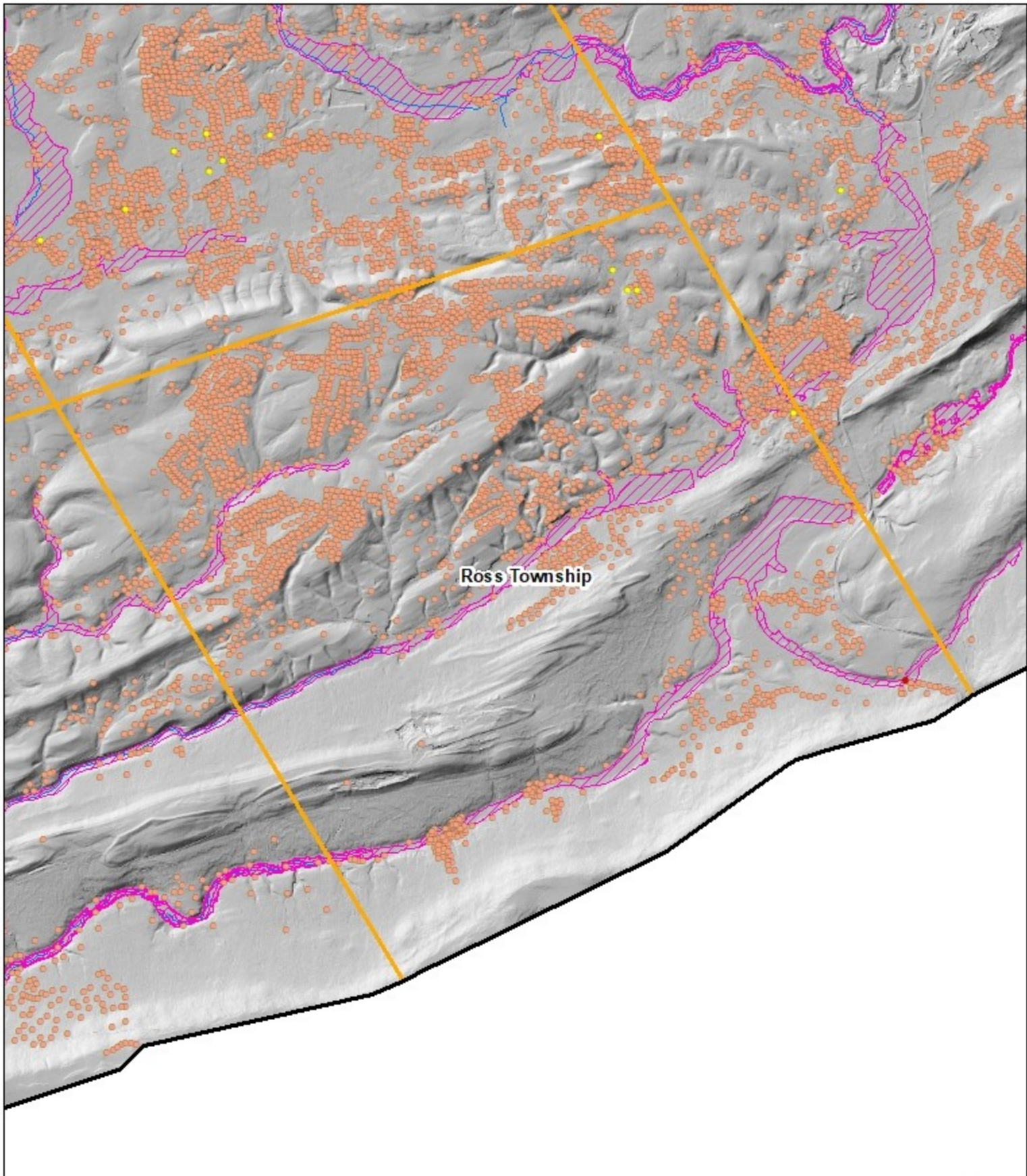
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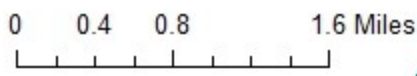
Ross Township

Ross Township - Monroe County

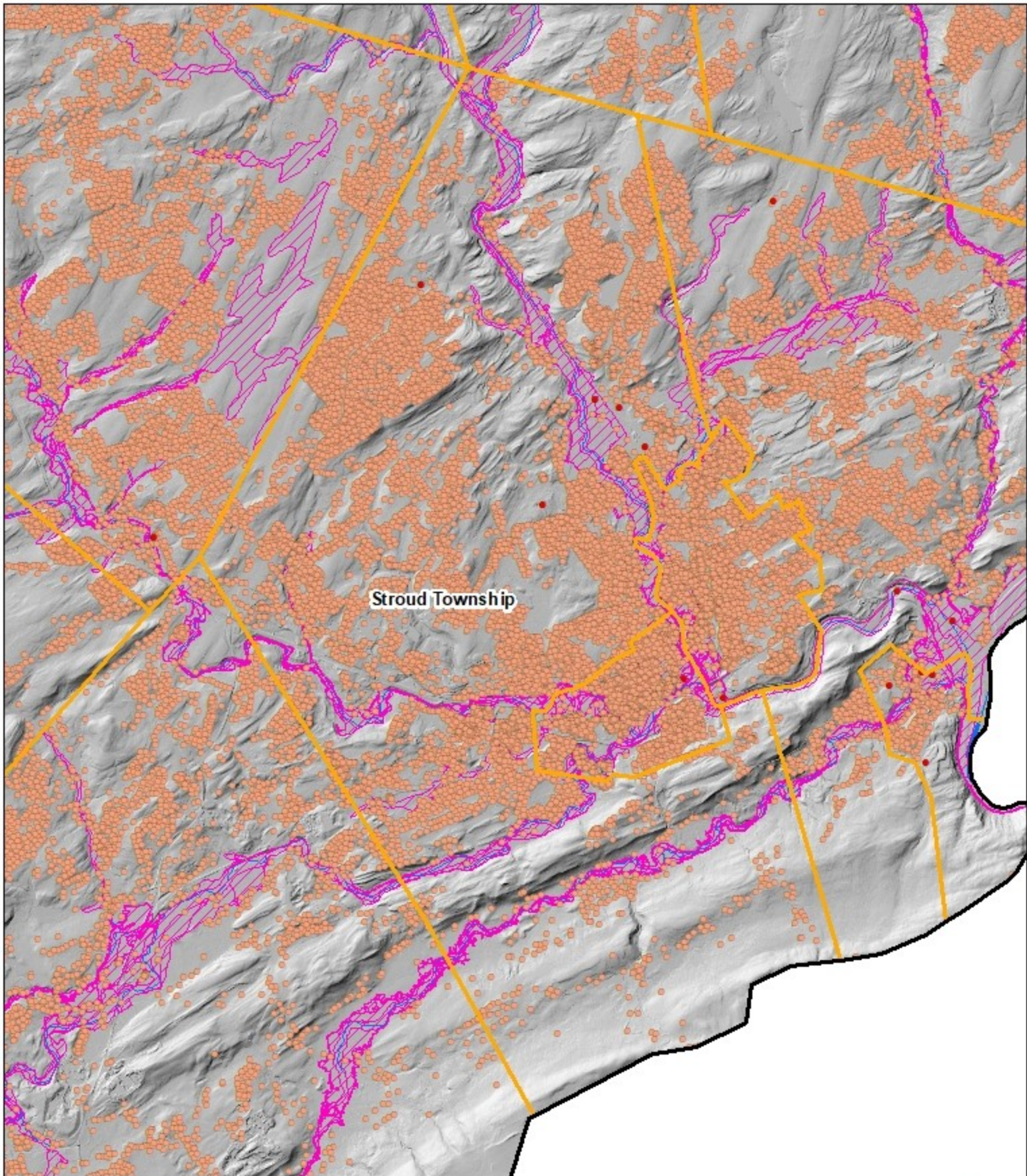
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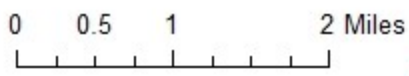


Stroud Township - Monroe County

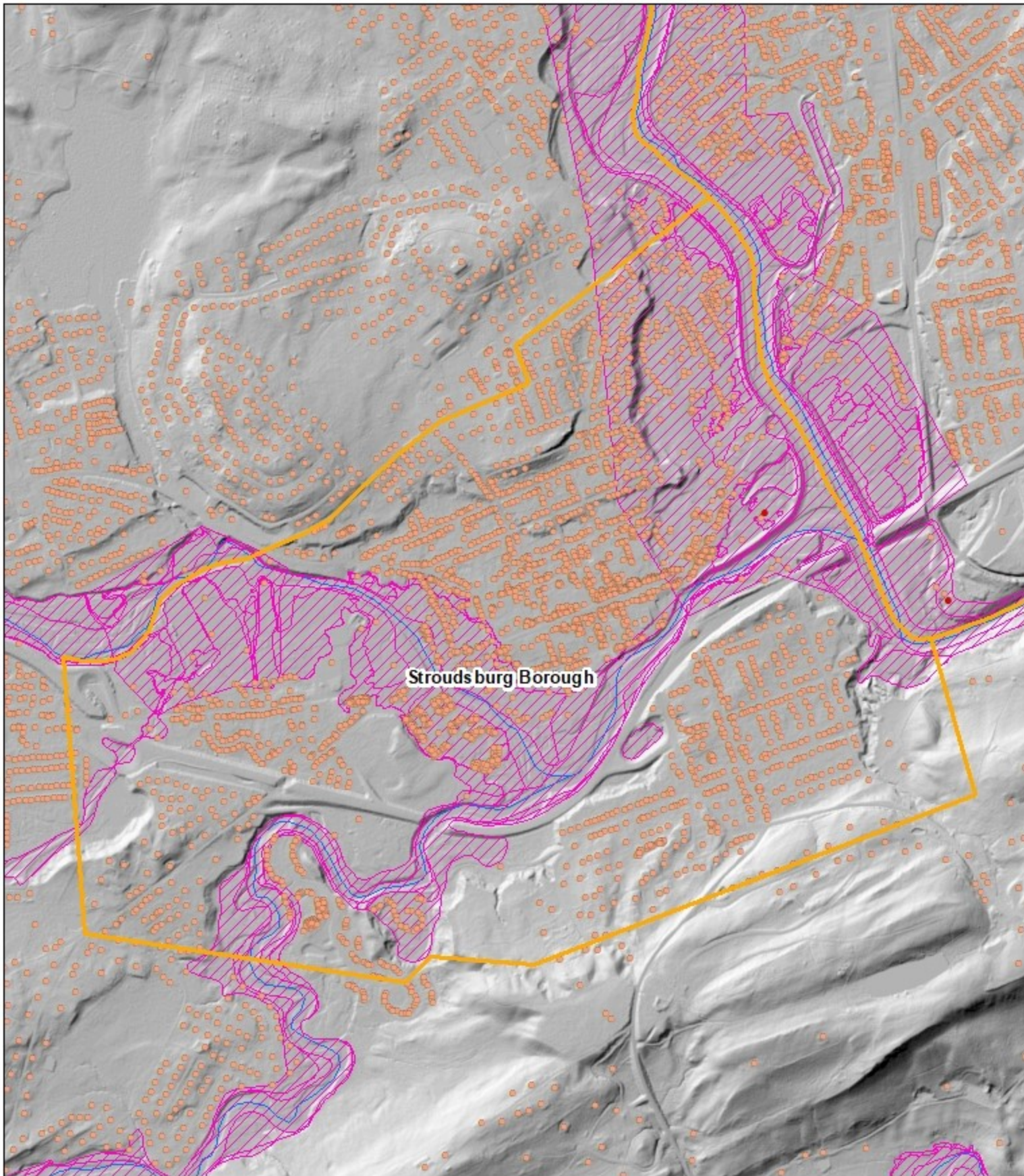
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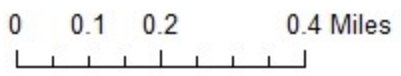
Stroudsburg Borough

Stroudsburg Borough - Monroe County

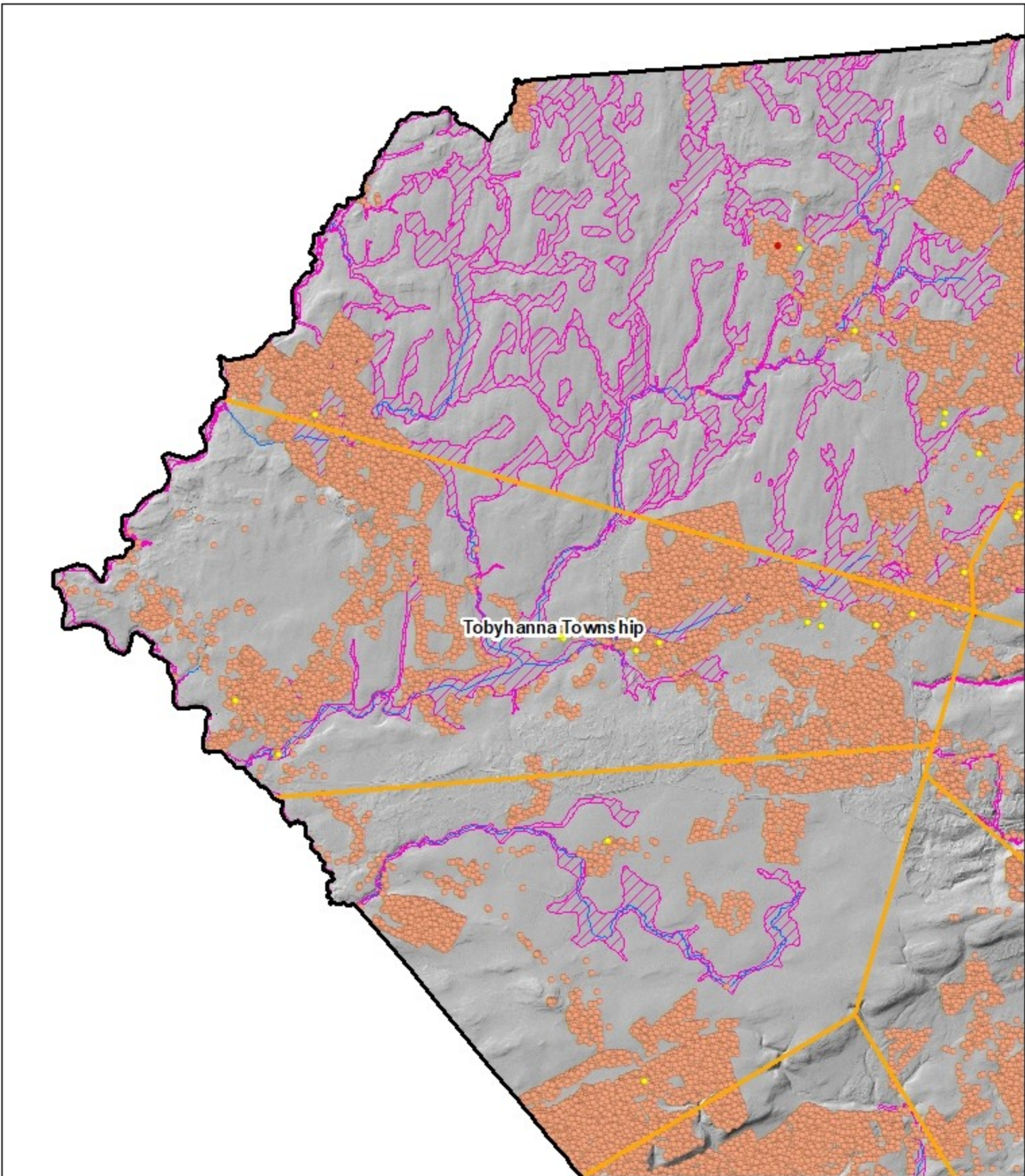
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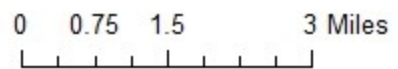


Tobyhanna Township - Monroe County

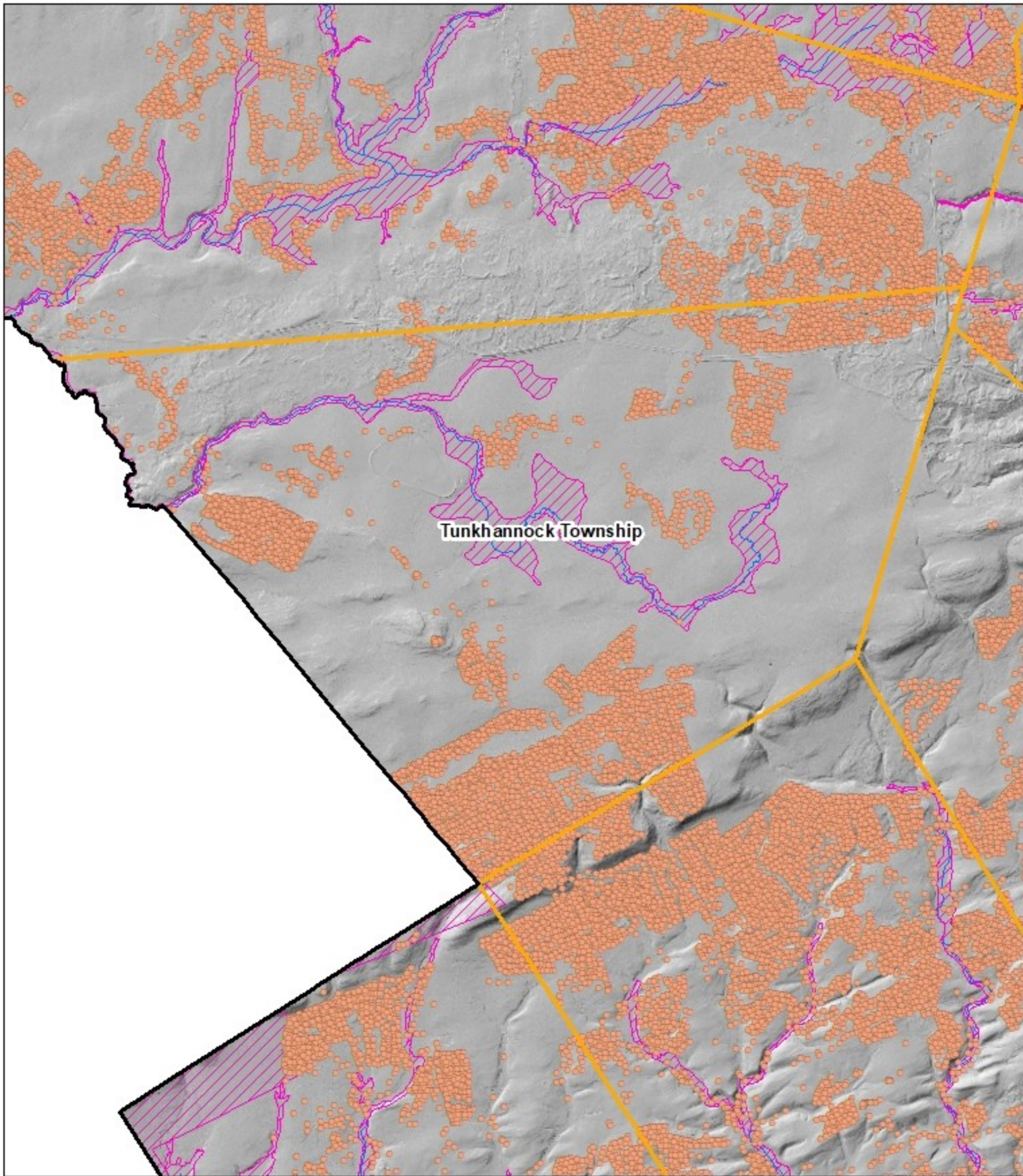
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-  MonroeCounty_SFHA

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






Source: Monroe County (2021), PASDA (2020)
 Produced by: MCM Consulting Group - AL 2021

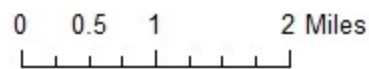


Tunkhannock Township - Monroe County

Legend

-  MonroeCounty_Boundary
-  Municipalities
-  MonroeCounty_SFHA

-  SARA_Facilities
-  Site_Address_Points



Source: Monroe County (2021), PASDA (2020)
 Produced by: MCM Consulting Group - AL 2021

Monroe County Critical Infrastructure		
Object ID	Name	Facility Type
1	Bushkill Emergency Corps (FOXMOOR)	EMS/Ambulance
2	Central Pocono Ambulance (TANNERSVILLE)	EMS/Ambulance
3	Central Pocono Ambulance (SNYDERSVILLE)	EMS/Ambulance
4	Pocono Mountain Regional EMS (TOBYHANNA)	EMS/Ambulance
5	Pocono Mountain Regional EMS (POCONO LAKE)	EMS/Ambulance
6	West End Ambulance (EFFORT)	EMS/Ambulance
7	West End Ambulance (SAYLORSBURG)	EMS/Ambulance
8	Thornhurst Ambulance	EMS/Ambulance
9	Tobyhanna Army Depot EMS	EMS/Ambulance
10	Barrett Twp. Ambulance	EMS/Ambulance
11	Suburban EMS	EMS/Ambulance
12	Acme Hose Co	Fire Department
13	Stroudsburg Fire Department	Fire Department
14	Shawnee Fire Co #1	Fire Department
15	Marshalls Creek Fire	Fire Department
16	Delaware Water Gap Fire Department	Fire Department
17	Stroud Township Volunteer Fire Department	Fire Department
18	Marshalls Creek Fire Department	Fire Department
19	Stroud Township Volunteer Fire Department	Fire Department
20	Stroud Township Volunteer Fire Department	Fire Department
21	Stroud Township Volunteer Fire Department	Fire Department
22	Pocono Mountain Volunteer Fire Department	Fire Department
23	Pocono Mountain Volunteer Fire Department	Fire Department
24	Kunkletown Volunteer	Fire Department
25	Polk Township Fire Department	Fire Department
26	West End Fire Co	Fire Department
27	West End Fire Co	Fire Department
28	Blue Ridge Hook & Ladder	Fire Department
29	Blue Ridge Hook & Ladder	Fire Department
30	Jackson Township Fire Department	Fire Department
31	Pocono Township Volunteer Fire Department	Fire Department
32	Tunkhannock Township	Fire Department
33	Tobyhanna Township Volunteer Fire Department	Fire Department
34	Tobyhanna Township Volunteer Fire Department	Fire Department
35	Coolbaugh Township Volunteer Fire Department	Fire Department
36	Coolbaugh Township Volunteer Fire Department	Fire Department
37	Barrett Township Volunteer Fire Department	Fire Department
38	Pocono Summit Volunteer Fire Department	Fire Department
39	Shawnee Fire Co #1	Fire Department
40	Bushkill Volunteer Fire Department	Fire Department
41	Barrett Twp. Police Department	Police Department

Monroe County Critical Infrastructure		
Object ID	Name	Facility Type
42	Delaware Water Gap Police Department	Police Department
43	E. Stroudsburg University Police Department	Police Department
44	Pennsylvania State Police Fern Ridge	Police Department
45	Pennsylvania State Police Swiftwater	Police Department
46	Pocono Mountain Regional Police Department	Police Department
47	Pocono Twp. Police Department	Police Department
48	Stroud Area Regional Police Department	Police Department
49	Tobyhanna State Park Police Department	Police Department
50	National Park Service	Police Department
51	Flying Dollar Airport	Airport
52	Pegasus Airpark-50PA	Airport
53	Pocono Mountains Municipal Airport	Airport
54	Stroudsburg Pocono Airport	Airport

Monroe County Functional Needs Facilities		
Object ID	Name	Facility Type
1	A-Z Learning Daycare	Child Care
2	ABC Day Care	Child Care
3	ABC Day Care & Preschool	Child Care
4	Acorns To Oaks Day Care	Child Care
5	Alphabet Express Inc	Child Care
6	Art Learning Center	Child Care
7	Bonnie's Playful Pandas Day Cr	Child Care
8	Bright Beginnings Daycare and Preschool	Child Care
9	Children's Academic Learning Center	Child Care
10	Clifford's Classroom	Child Care
11	Creative Learning Center	Child Care
12	Dekonte Daycare	Child Care
13	Dekontee Christian Daycare Center	Child Care
14	Early Learners Preschool, LLC	Child Care
15	Genesis Day Care & Learning Center	Child Care
16	Gingerbread Manor Childcare	Child Care
17	Golden Child Learning Academy	Child Care
18	GoodStart Academy- Stroudsburg STARS	Child Care
19	Growing Place Child Care Center	Child Care
20	Growing Tree Day Care & Learning Center	Child Care
21	Hopscotch Hill School House	Child Care
22	Jack & Jill Childcare	Child Care
23	Just Like Home Child Care	Child Care

24	Kelly's Daycare	Child Care
25	Kids' Day Out Preschool	Child Care
26	Kids Country Inc.	Child Care
27	Kidz World Academy	Child Care
28	Little Discoveries	Child Care
29	Little Scholars Academy Of Effort	Child Care
30	Mekeel Child Care Center	Child Care
31	Ms Mayra's Preschool & Daycare	Child Care
32	Nurturing Arms	Child Care
33	Peace of Mind Childcare	Child Care
34	Playtime Learning Center & Child Care Inc.	Child Care
35	PocoNoski Childcare/ Learning center	Child Care
36	PocoNoski Childcare/Learning center	Child Care
37	Precious Moments Academy	Child Care
38	Rainbow Trail Child Care Center	Child Care
39	Sunny Day Preschool and Daycare	Child Care
40	Sunny Day Preschool and Daycare, Inc.	Child Care
41	Swiftwater Day Care Center	Child Care
42	The Children's Education & Learning Center	Child Care
43	The Growing Concern	Child Care
44	The Growing Place Child Care Center	Child Care
45	The LadyBug Learning Center LLC	Child Care
46	The Road to Excellence Childcare & Learning Center	Child Care
47	Three Stages Day Care	Child Care
48	Tobyhanna Kids Day care Center	Child Care
49	TotAlly for Kids Academy	Child Care
50	Wee Wons Day Care Center	Child Care
51	Winsome Child Daycare Center	Child Care
52	Anchorage Road Park	Local Park
53	Ann Street Park	Local Park
54	Austin T. Blakeslee Natural Area	Local Park
55	Barrett Township Park	Local Park
56	Big Pines Park	Local Park
57	Blanche D. Price Memorial Park	Local Park
58	Brodhead Creek Park	Local Park
59	Bryant Park	Local Park
60	Chestnuthill Township Park	Local Park
61	Conklin Park	Local Park
62	Coolbaugh Township Municipal Park	Local Park
63	Creekview Park	Local Park
64	Dansbury Park	Local Park
65	Deerfield Oak Street Park	Local Park
66	Echo Lake Park	Local Park
67	Fenner/Snyder/Robacker Homestead Park	Local Park
68	Fern Ridge Bog Preserve	Local Park

69	Glen Park	Local Park
70	Gregory Pond Park	Local Park
71	Hickory Valley Park	Local Park
72	HJP Regional Park	Local Park
73	Josie Porter Farm	Local Park
74	Judy Putek Park	Local Park
75	Keokee Chapel Lane Park	Local Park
76	Laurel Drive Coobaugh Township Park	Local Park
77	Lost Lakes Park	Local Park
78	Manor Drive Ballfields	Local Park
79	MCCD Wildlife Preserve Park	Local Park
80	Middle Smithfield Dog Park	Local Park
81	Moore Park	Local Park
82	Mount Nebo Park	Local Park
83	Mountain View Park	Local Park
84	Nothstein Preserve	Local Park
85	Oak Street Park	Local Park
86	Old Mill Road Park	Local Park
87	Paper Mill Road Park	Local Park
88	Park Street Ballfield	Local Park
89	Polk Township Road Park	Local Park
90	Red Fox Road Park	Local Park
91	Reds Park	Local Park
92	Resica Park	Local Park
93	Route 209 Community Park	Local Park
94	Route 209 Park	Local Park
95	Saylorsburg Playground	Local Park
96	Seven Pines Park	Local Park
97	Shirley Lane Baseball Field	Local Park
98	Skywood Park	Local Park
99	Slutter Road Baseball Field	Local Park
100	Stroudsburg Boro Playground	Local Park
101	The Community Gardens Park	Local Park
102	The Nature Conservancy's Hauser Nature Center	Local Park
103	The Nature Conservancy's Tannersville Cranberry Bog	Local Park
104	Third Street Park	Local Park
105	Thomas Darling Preserve	Local Park
106	Wallace Street Recreation Area	Local Park
107	Walter W. Mock Park	Local Park
108	West End Regional Park	Local Park
109	Western Pocono Jaycees Park	Local Park
110	Westgate Park	Local Park
111	Yetter Park	Local Park
112	Zacharias Pond Park	Local Park
113	Arlington Heights Elementary School	School/Education

114	BF Morey Elementary School	School/Education
115	Chipperfield Elementary School	School/Education
116	Clear Run Elementary Center	School/Education
117	Clear Run Intermediate School	School/Education
118	East Stroudsburg Elementary School	School/Education
119	East Stroudsburg South High School	School/Education
120	Hamilton Township Elementary School	School/Education
121	JM Hill Elementary School	School/Education
122	JT Lambert Intermediate School	School/Education
123	Middle Smithfield Elementary School	School/Education
124	Notre Dame High School	School/Education
125	Pleasant Valley Elementary School	School/Education
126	Pleasant Valley High School	School/Education
127	Pleasant Valley Intermediate School	School/Education
128	Pleasant Valley Middle School	School/Education
129	Pocono Mountain East High School	School/Education
130	Pocono Mountain East Junior High School	School/Education
131	Pocono Mountain West High School	School/Education
132	Pocono Mountain West Junior High School	School/Education
133	Resica Elementary School	School/Education
134	Smithfield Elementary School	School/Education
135	Stroudsburg High School	School/Education
136	Stroudsburg Junior High School	School/Education
137	Stroudsburg Middle School	School/Education
138	Swiftwater Elementary Center	School/Education
139	Swiftwater Intermediate School	School/Education
140	Tobyhanna Elementary Center	School/Education



Hazus: Flood Global Risk Report

Region Name: Monroe_HAZUS

Flood Scenario: 100YearFlood

Print Date: Friday, May 14, 2021

Disclaimer:

This version of Hazus utilizes 2010 Census Data.

Totals only reflect data for those census tracts/blocks included in the user's study region.

The estimates of social and economic impacts contained in this report were produced using Hazus loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific Flood. These results can be improved by using enhanced inventory data and flood hazard information.



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General Description of the Region

Hazus is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of Hazus is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- Pennsylvania

Note:

Appendix A contains a complete listing of the counties contained in the region .

The geographical size of the region is approximately 0 square miles and contains 6,015 census blocks. The region contains over 61 thousand households and has a total population of 169,842 people (2010 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B .

There are an estimated 78,643 buildings in the region with a total building replacement value (excluding contents) of 20,726 million dollars. Approximately 95.43% of the buildings (and 83.87% of the building value) are associated with residential housing.



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Building Inventory

General Building Stock

Hazus estimates that there are 78,643 buildings in the region which have an aggregate total replacement value of 20,726 million dollars. Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1
Building Exposure by Occupancy Type for the Study Region**

Occupancy	Exposure (\$1000)	Percent of Total
Residential	17,382,734	83.9%
Commercial	2,349,233	11.3%
Industrial	541,974	2.6%
Agricultural	34,602	0.2%
Religion	181,142	0.9%
Government	92,776	0.4%
Education	143,394	0.7%
Total	20,725,855	100%

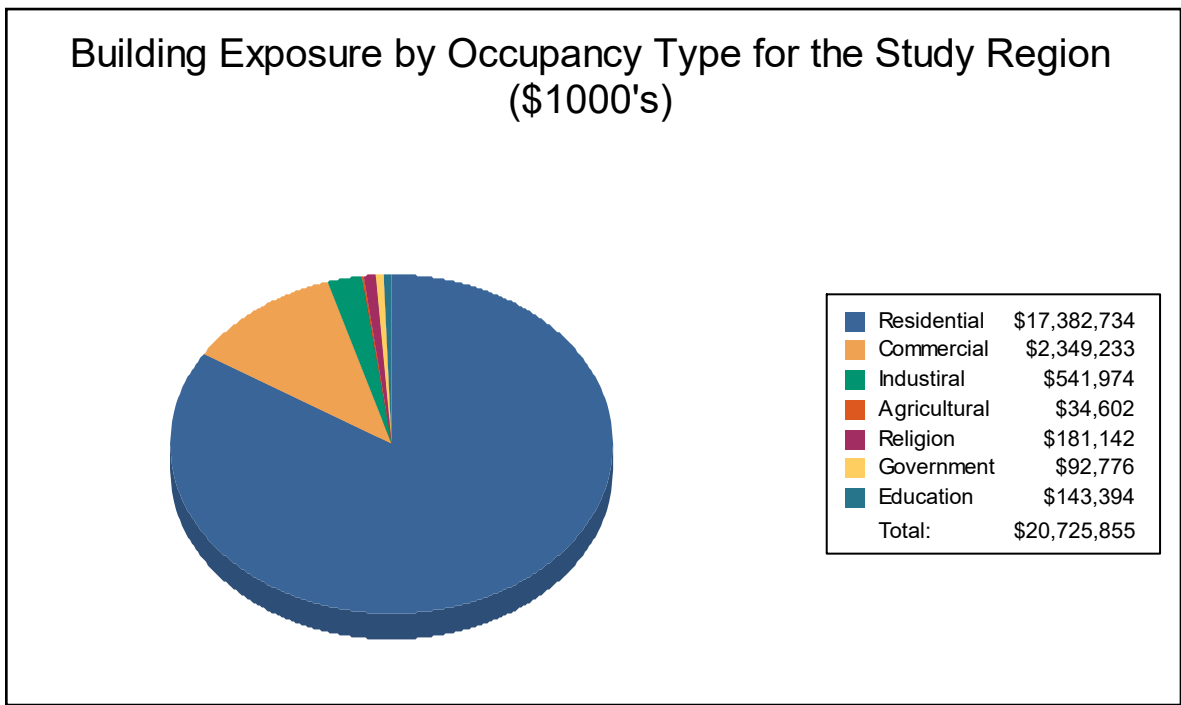
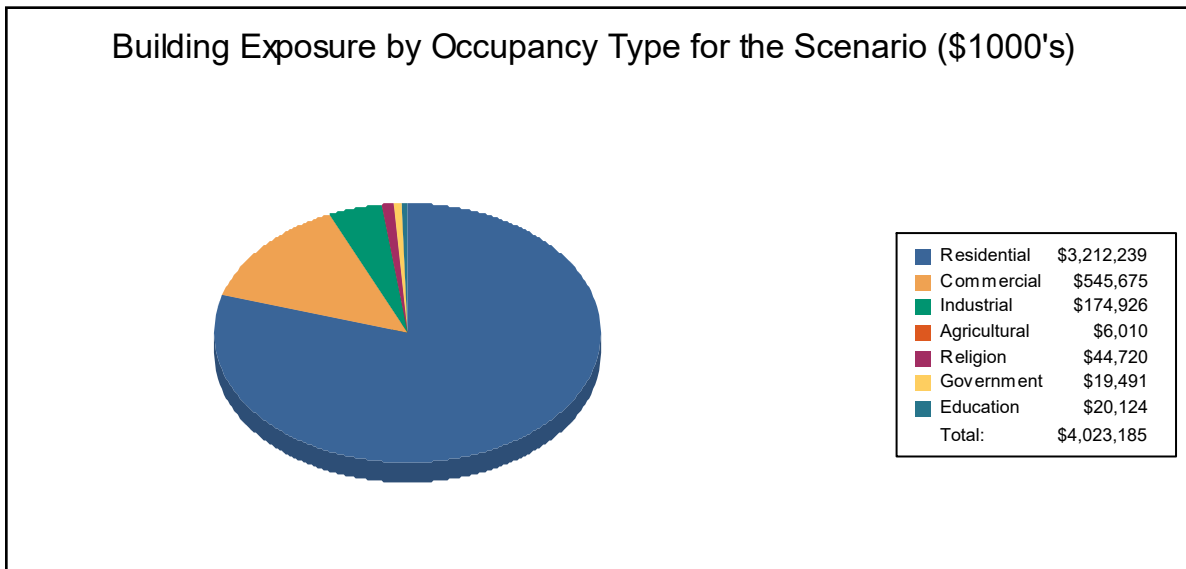




Table 2
Building Exposure by Occupancy Type for the Scenario

Occupancy	Exposure (\$1000)	Percent of Total
Residential	3,212,239	79.8%
Commercial	545,675	13.6%
Industrial	174,926	4.3%
Agricultural	6,010	0.1%
Religion	44,720	1.1%
Government	19,491	0.5%
Education	20,124	0.5%
Total	4,023,185	100%



Essential Facility Inventory

For essential facilities, there are 3 hospitals in the region with a total bed capacity of 235 beds. There are 45 schools, 25 fire stations, 9 police stations and 1 emergency operation center.



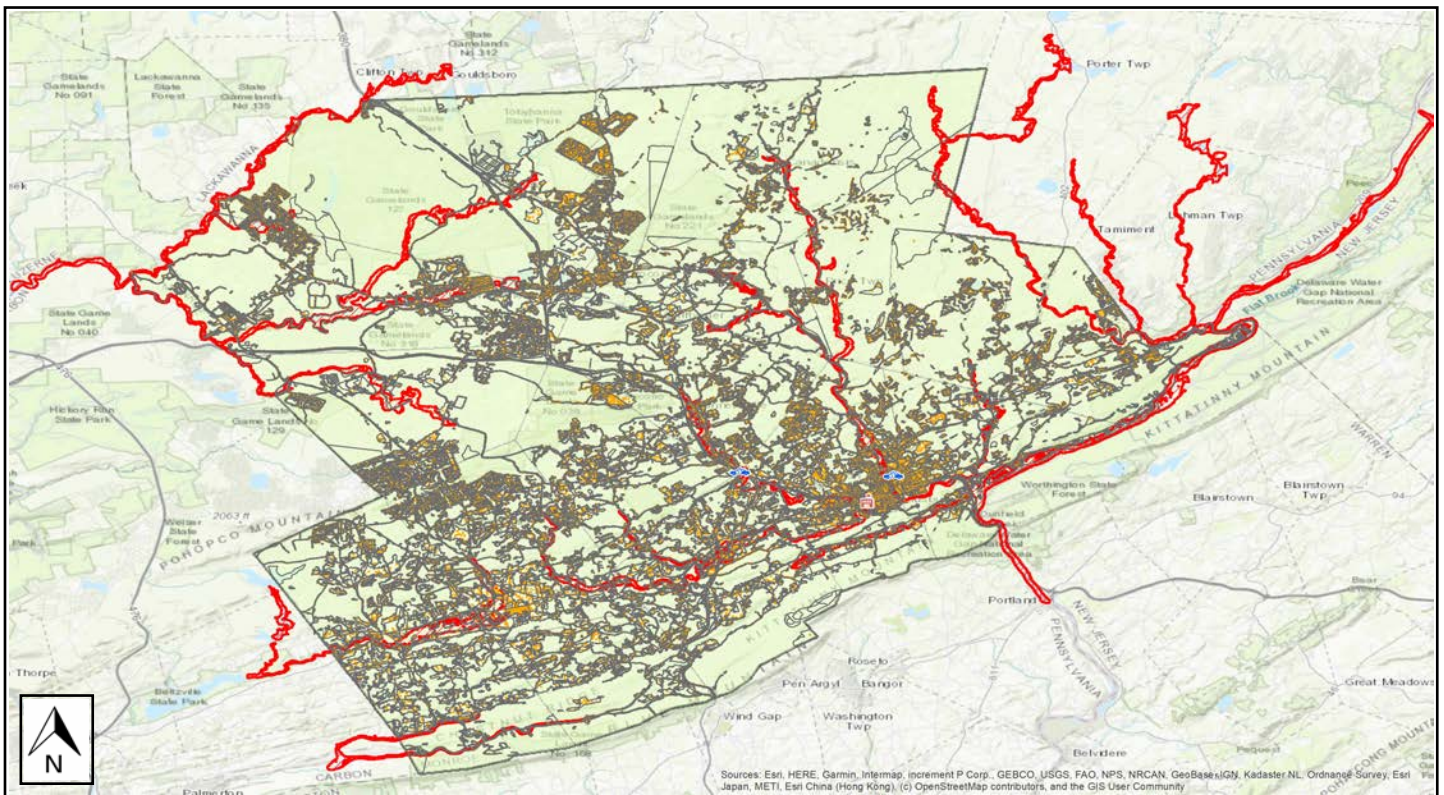
Flood Scenario Parameters

Hazus used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

Study Region Name:	Monroe_HAZUS
Scenario Name:	100YearFlood
Return Period Analyzed:	100
Analysis Options Analyzed:	No What-Ifs

Study Region Overview Map

Illustrating scenario flood extent, as well as exposed essential facilities and total exposure



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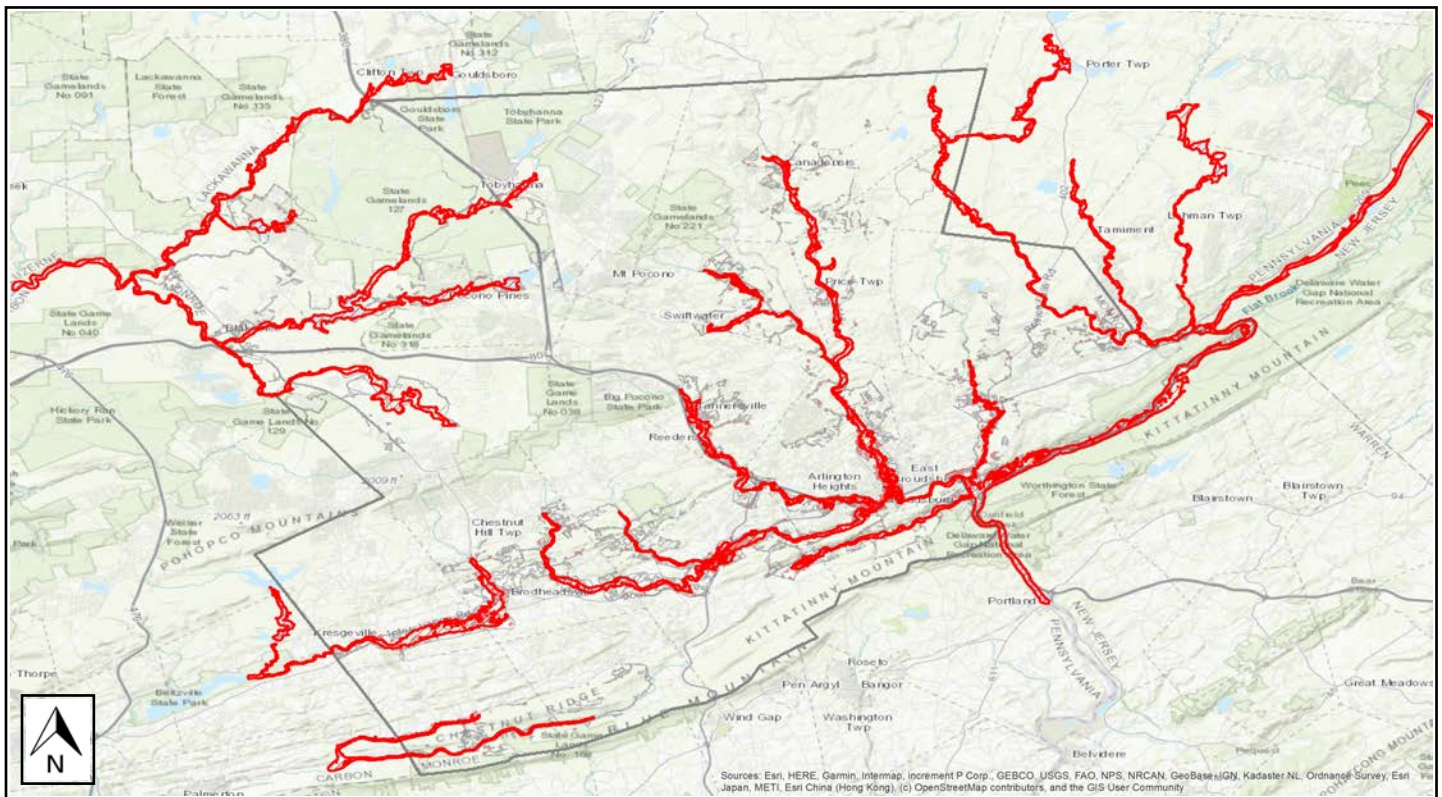


Building Damage

General Building Stock Damage

Hazus estimates that about 450 buildings will be at least moderately damaged. This is over 89% of the total number of buildings in the scenario. There are an estimated 11 buildings that will be completely destroyed. The definition of the 'damage states' is provided in the Hazus Flood Technical Manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

Total Economic Loss (1 dot = \$300K) Overview Map



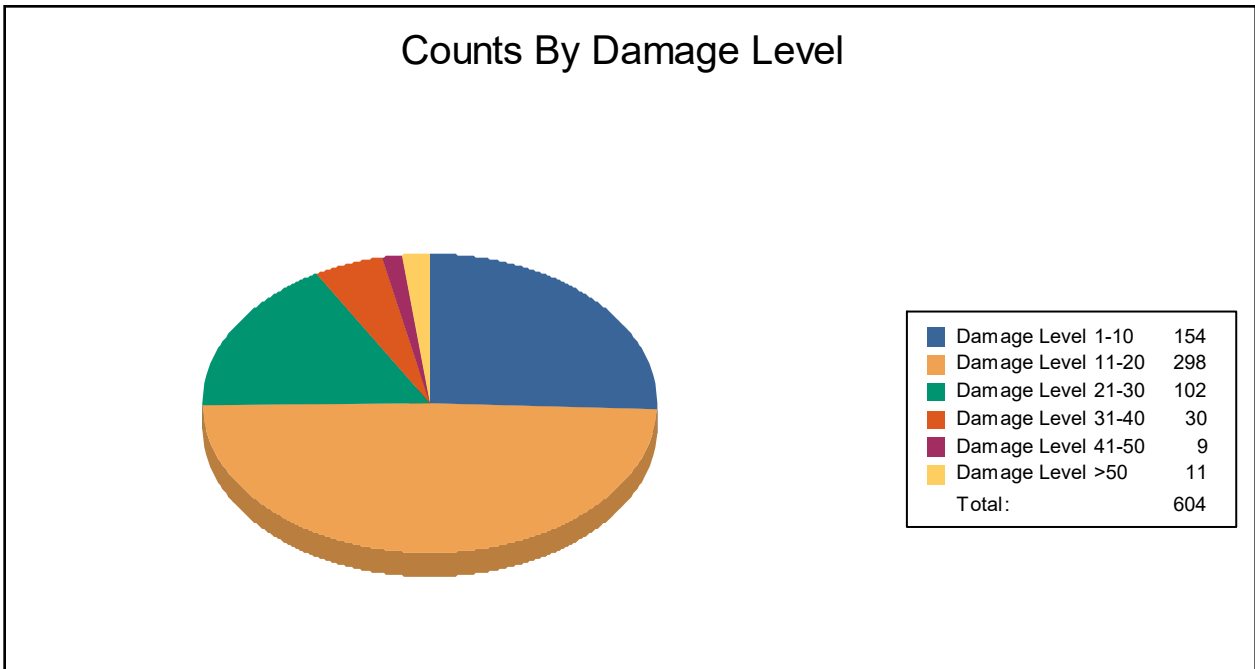
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Table 3: Expected Building Damage by Occupancy

Occupancy	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	1	7	14	93	0	0	0	0	0	0	0	0
Education	0	0	0	0	0	0	0	0	0	0	0	0
Government	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	0	0	0	0	0	0	0	0
Religion	0	0	0	0	0	0	0	0	0	0	0	0
Residential	153	26	284	48	102	17	30	5	9	2	11	2
Total	154		298		102		30		9		11	



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Table 4: Expected Building Damage by Building Type

Building Type	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0	1	100	0	0	0	0	0	0	0	0
ManufHousing	0	0	0	0	1	100	0	0	0	0	0	0
Masonry	38	25	81	54	24	16	4	3	2	1	1	1
Steel	0	0	4	100	0	0	0	0	0	0	0	0
Wood	114	26	211	47	77	17	26	6	7	2	10	2



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Essential Facility Damage

Before the flood analyzed in this scenario, the region had 235 hospital beds available for use. On the day of the scenario flood event, the model estimates that 235 hospital beds are available in the region.

Table 5: Expected Damage to Essential Facilities

Classification	# Facilities			
	Total	At Least Moderate	At Least Substantial	Loss of Use
Emergency Operation Centers	1	0	0	0
Fire Stations	25	0	0	0
Hospitals	3	0	0	0
Police Stations	9	2	0	2
Schools	45	1	0	1

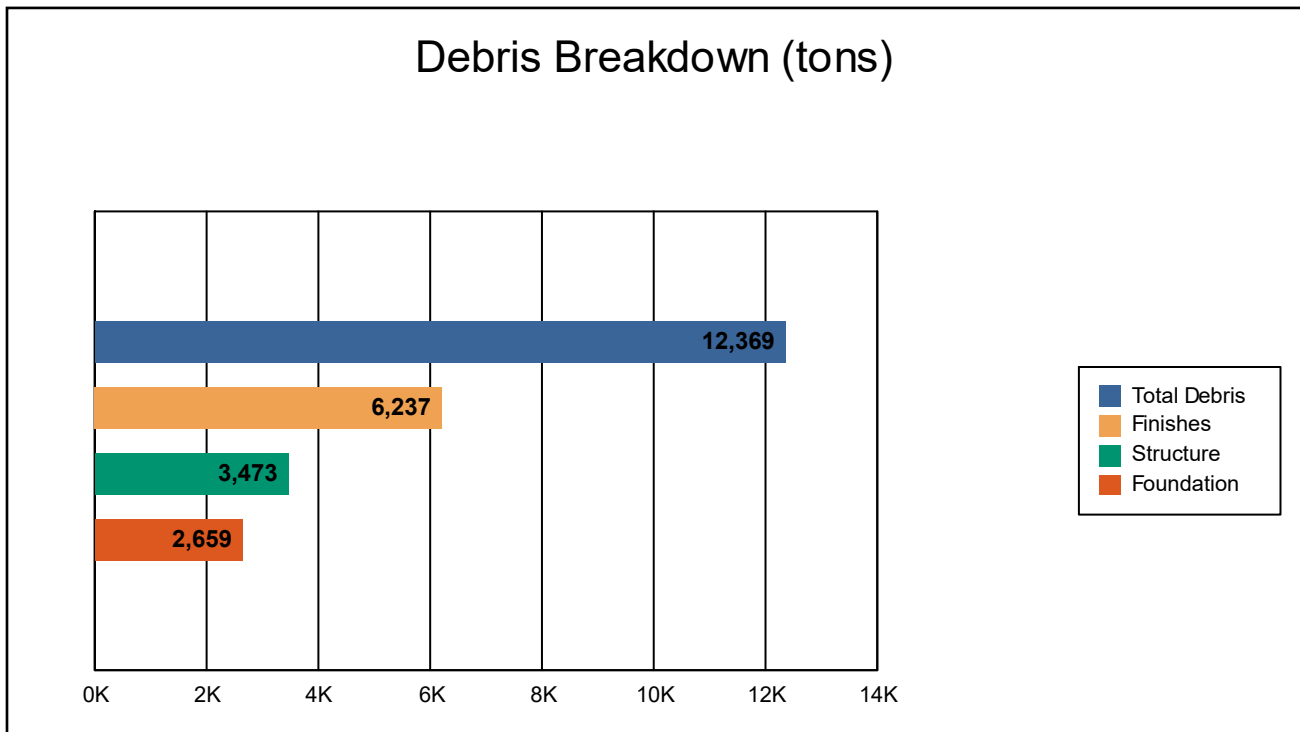
If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

Induced Flood Damage

Debris Generation

Hazus estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.



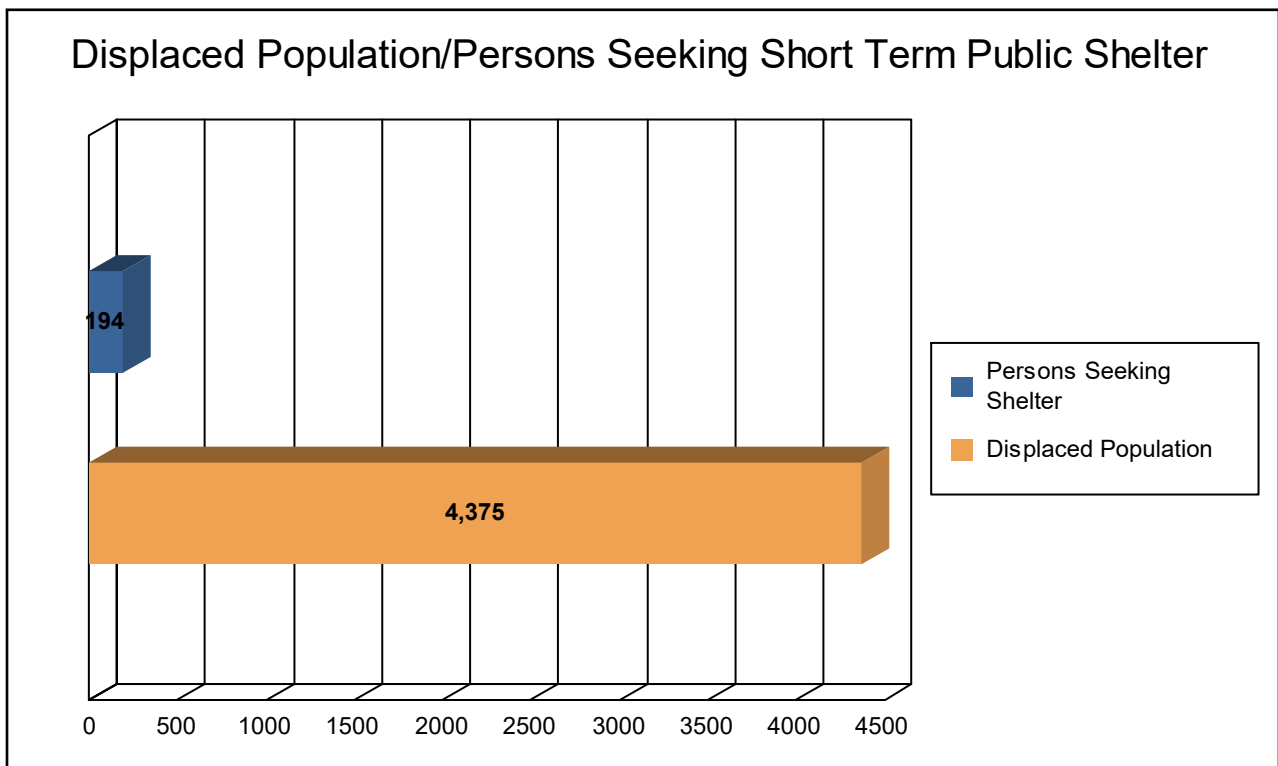
The model estimates that a total of 12,369 tons of debris will be generated. Of the total amount, Finishes comprises 50% of the total, Structure comprises 28% of the total, and Foundation comprises 21%. If the debris tonnage is converted into an estimated number of truckloads, it will require 495 truckloads (@25 tons/truck) to remove the debris generated by the flood.



Social Impact

Shelter Requirements

Hazus estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. Hazus also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,458 households (or 4,375 of people) will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 194 people (out of a total population of 169,842) will seek temporary shelter in public shelters.



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Economic Loss

The total economic loss estimated for the flood is 539.98 million dollars, which represents 13.42 % of the total replacement value of the scenario buildings.

Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 288.56 million dollars. 47% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 34.69% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.



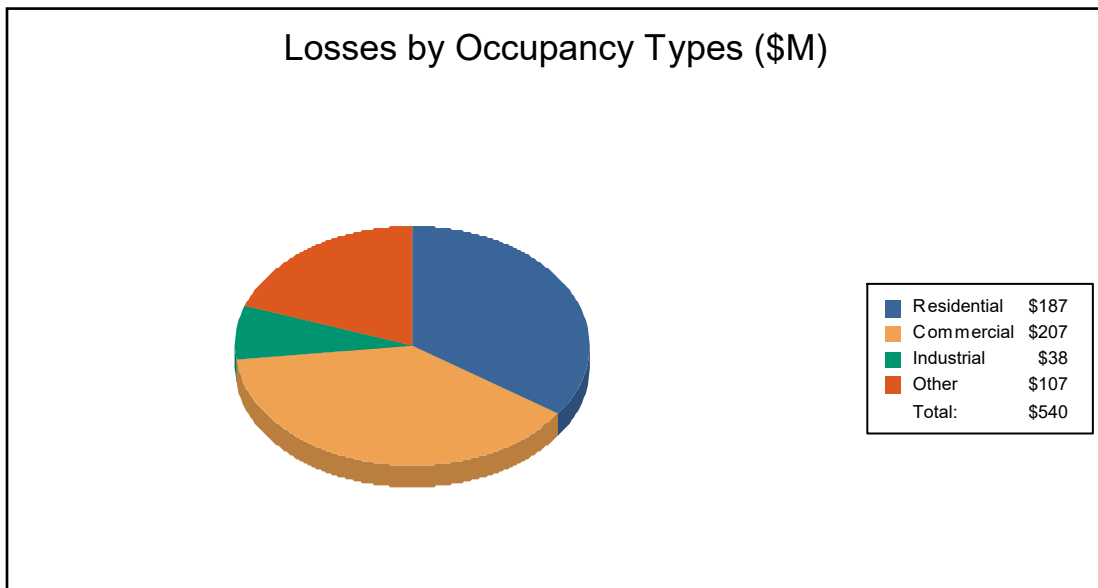
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Table 6: Building-Related Economic Loss Estimates
(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	91.51	21.76	9.42	2.93	125.63
	Content	52.34	67.76	23.38	14.54	158.02
	Inventory	0.00	1.28	3.57	0.06	4.91
	Subtotal	143.85	90.81	36.37	17.54	288.56
<u>Business Interruption</u>						
	Income	1.96	42.26	0.46	3.87	48.54
	Relocation	24.06	12.66	0.57	2.12	39.41
	Rental Income	12.82	9.45	0.13	0.20	22.60
	Wage	4.62	51.95	0.81	83.49	140.87
	Subtotal	43.46	116.32	1.96	89.69	251.42
ALL	Total	187.31	207.13	38.33	107.22	539.98



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Appendix A: County Listing for the Region

- Pennsylvania
 - Monroe



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Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
Pennsylvania				
Monroe	169,842	17,382,734	3,343,121	20,725,855
Total	169,842	17,382,734	3,343,121	20,725,855
Total Study Region	169,842	17,382,734	3,343,121	20,725,855

2021 Monroe 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		
Barrett Township	N/A	Creek Bank Restoration	To preserve and retain stream banks to prevent flooding and/or road failures	Rebuild, reinforce existing stream and creek bank to prevent further erosion and/or road failure.	Flooding	N/A
Barrett Township	N/A	Road Failure Repair	Temporary repair of road failures such as potholes, cracks or washouts in a timely manner when PA Department of Transportation fails to act on reported hazards.	Having funding available, or mandating PENNDOT to act ASAP, in order to make temporary repairs to roads where it is a hazard to motorists.	Transportation Accidents	N/A
Barrett Township	N/A	Utility Relief	Compensation for time (manpower), equipment and fuel that is used when a municipality, fire company or law enforcement has to deal with downed utility lines.	Obtaining funding and/or enacting legislation against utility companies in order to compensate municipalities and fire companies for services provided to ensure public safety when there are downed wires	Utility Interruption	N/A
Barrett Township	N/A	Brodhead Debris Removal	Removal of dead trees and previous storm debris that clogs or diverts the flow of water allowing it to wash away road banks and/or flooding of Rt. 447 and potentially flood creek front properties and homes.	Appropriation of funds and/or being able to obtain permits to get into the creek and remove debris with heavy equipment.	Flooding	N/A
Barrett Township	N/A	Hazard Tree Removal	Removal of tree or manmade objects that could fall onto public property causing death, injury, or property damage especially during adverse weather events.	Being able to identify hazard objects, contacting private landowner(s) and obtaining permission to remove objects, removal and clean up.	Utility Interruption/Transportation Accidents	N/A
Coolbaugh Township	N/A	Coolbaugh Township Fire Headquarters	The current Coolbaugh Township Volunteer Firehouse Station 2, located at 8111 Wildflower Drive is a two bay garage which has been outgrown due to the tripling of the population in Coolbaugh Township since it was built. The current truck sizes are larger than previous trucks that were housed in the truck bays and the building is not able to be renovated to expand on the size due to the lot size and setback restrictions. The call volume for the Coolbaugh Township Volunteer Fire Company has increased drastically since the building was built. There is no designated area for the storage of gear in accordance to the NFPA standards. The new fire headquarters in being built in order to not only remedy the issues listed above but also to provide the best service and response time to the residents of the community. The project location allows for a centralized location to multiple communities within the Township. The new building and location will assist with recruitment of new volunteers in a time when volunteerism is so extremely low. The new building will be visible to many residents on their daily travels and will be appealing to those that may want to join.	The new Coolbaugh Township Fire Headquarters will be the home to an approximately 302,000 sq ft fire station. The new headquarters will be complete with seven bay truck garages, equipment storage room, gear storage room, office space, meeting room, training room, restrooms with showers and lockers, a kitchen, and four bunks for sleeping quarters. The new fire headquarters will allow the space for continued training and certification. This new fire headquarters will be a much needed addition to the community to ensure that the health and safety needs are met in a manner that the Coolbaugh Township Fire Company Volunteers are trained for.	Emergency Services	\$5,000,000 to \$7,000,000
East Stroudsburg Borough	1.6	East Stroudsburg Borough Levee Culvert Repairs	The most recent US Army Corps of Engineers inspection of the East Stroudsburg Flood Control Levee System identified 3 of the 17 culverts that pass through the flood control levee as starting to rust on the bottom. If these culverts were to fail, it would contribute greatly to the failure of the levee system, which would be catastrophic.	Line the existing culverts to preserve their life span.	Flooding	N/A

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
East Stroudsburg Borough	3.3	214 Washington Street Stormwater Culvert Relocation	The building on the parcel is located on top of a Borough stormwater culvert. The Borough has no evidence that this building was permitted to be placed on a Borough stormwater management structure or that the culvert is designed to safely support a building. Borough engineering professionals report that said culvert is in poor shape and is in danger of collapse. The degradation of the culvert has resulted in cracks to the foundation of the building and subsidence around the building foundation and also in the rear off-street parking area. The stormwater culvert is a major component of the Borough's stormwater management system and any degradation and/or collapse of the culvert has the potential to result in flooding of properties upstream of the culvert that rely on the system to adequately manage stormwater in the Borough.	Obtain an easement from the private property owner and relocate and replace the stormwater culvert so it no longer adversely impacts the building nor the properties upstream.	Flooding	N/A
East Stroudsburg Borough	3.3	Day Street Stormwater Culvert Replacement	The flood control levee along the Little Sambo Creek does not have the required freeboard, and the culvert pipe that conveys the Little Sambo Creek under Day Street restricts the passage of flood waters.	Replace existing CMP culvert pipe with a larger pipe to enable the passing of larger flows and reduce the potential for overtopping the levee.	Flooding	N/A
East Stroudsburg Borough	N/A	Sambo Creek Streambank Stabilization	The Borough is required to submit a Pollution Reduction Plan (PRP) for the Sambo Creek Planning Area, designated as impaired for siltation along with the MS4 (NOI). A PRP must be developed outlining Best Management Practices (BMPs) to achieve a 10% sediment reduction in stormwater discharges from the East Stroudsburg MS4 planning area to the impaired water, the Sambo Creek. Unless a waiver is granted, the measures outlined in the PRP must be implemented within 5 years of the general permit issuance.	This reduction is to be achieved through the implementation of BMPs in the Sambo Creek Planning Area. Erosion of the Sambo Creek stream banks form the limits of the Borough boundary to the discharge in the Brodhead's Creek was at one location on the East Stroudsburg School District property near the confluence of the Brodhead and Sambo Creeks. Roughly 140 feet of erosion was observed at this point. The stabilization of the stream bank would reduce siltation of the creek.	Environmental Hazards	N/A
East Stroudsburg University	N/A	Mobil Decon Trailer	Expanding the country's emergency preparedness capabilities.	Mobil decon (shower) trailer. Trailer can be used for either technical decon at a hazmat incident, or at a shelter site. This was one of the major obstacles when the temporary hospital was set-up at ESU, showers for patients and also for medical personnel. I have experience with these trailer as one was purchased for Centre county. Trailer is handicap accessible and heated, along with hot water capabilities for the showers. I can get more info if needed.	Hazardous Materials	N/A
Eldred Township	1	Emergency Backup Generator for Township Municipal Complex & Emergency Management and Emergency Operations Center	Our municipal building houses our Township Administration Operations, our Public Works Department and our Township Emergency Management Operations and Emergency Operations Center. When we lose utility power, as we often do, our entire Township Administration Operations, Public Woks Department, and our Emergency Management Operations are not able to function. Our phone PBX and computer systems, as well as lighting, are compromised until such time that PPL, our utility carrier, is able to restore power.	To procure, install, and optimize a backup generator to provide electricity during those times when we lose power due to man-made or natural/weather related incidents.	Utility Interruptions	\$70,000.00
Hamilton Township	1	Manor Drive Bridge - Gravel Bar and Vegetation	In the McMichael Creek at Manor Drive a sand bar/gravel bar has reduced the clearance beneath the bridge, thereby creating an obstruction to water flow, especially during high flow events. Additionally, trees and shrubs have dislodged from the stream bank further enhancing the obstruction. Additional flooding at this area increases hazard to Pleasant Valley Manor, Monroe County Correctional Facility, and Burnley Workshop, all settings with at risk population.	Removal of vegetation and restoration of creek bed to previously existing elevation by removing sand bar/gravel bar.	Flooding, Hurricanes/Tropical Storms	N/A

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Hamilton Township	2	Beaver Dams Near Middle Easton Belmont Pike	Numerous beaver dams combine to create a complex which has flooded the property of 3532 Middle Easton Belmont Pike. Continued flooding jeopardizes numerous residences, commercial entities, as well as the Monroe County Office of Emergency Management site.	Beaver removal by qualified wildlife biologist and removal of dams.	Flooding, Hurricanes/Tropical Storms	N/A
Hamilton Township	3	Ash Tree Removal	The invasive Emerald Ash Borer has resulted in the death of virtually every ash tree in the township (county). The dead ash trees present a hazard in the following ways: 1) Threat to fall on pedestrians or motorists, 2) blockage of roadway, 3) blockage of waterways. The ash trees are prevalent throughout the township, some areas with greater concentrations of ash trees include Walters Road, Cherry Valley, Turkey Hill Road, etc.	Cutting of diseased/dead ash trees. Removal of debris when threatening roadways or obstruction of waterways.	Transportation Accidents, Tornadoes, Windstorms, Invasive Species	\$150,000.00
Hamilton Township	4	East Terrace Drive Bridge Stream Channel Realignment	Flooding from Tropical Storm Isaias caused a realignment of a stream channel which has caused scouring of the bridge base.	Realign approximately 100 feet of stream channel at approx. 8 feet wide, and support bridge base against future scouring.	Flooding, Hurricanes/Tropical Storms	\$100,000.00
Hamilton Township	5	Road Shoulder/Streambank Erosion Spruce Woods Road.	Long standing streambank erosion on the south side of Pensyl Creek has caused road bank erosion on Spruce Woods Road just west of Neola Road.	Support road shoulder with large sized rock and fill to maintain road integrity.	Transportation Accidents, Flooding	\$100,000.00
Hamilton Township	6	Road Shoulder/Streambank Erosion Old Mill Road.	Long standing streambank erosion along the Lake Creek and McMichael Creek portions of Old Mill Road has caused road bank erosion on Old Mill Road in two nearby locations.	Support road shoulder with large sized rock and fill to maintain road integrity.	Transportation Accidents, Flooding	\$80,000.00
Hamilton Township	7	Brick Church Road Drainage Pipe	Drainage pipe under Brick Church Road at Spring Run, near intersection with Meadowlake Road has faced structural issues exacerbated by Tropical Storm Isaias.	Replacement of drainage pipe.	Flooding, Hurricanes/Tropical Storms	\$250,000.00
Hamilton Township	8	Pine Lane Drainage Pipe Collapse	Pipe collapse from storm drainage and excessive sedimentation runoff has caused a 50 foot long drainage pipe to clog and collapse. Problem is complicated by utility crossing, private driveway, and a lack of alternative ingress and egress for approx. five families on Pine Lane	Replace pipe and create a secondary bypass pipe.	Flooding, Hurricanes/Tropical Storms	\$90,000.00
Hamilton Township	9	Stream Obstruction, Unnamed Tributary on Neola Road	Flooding from Tropical Storm Isaias has caused numerous mature trees to obstruct the unnamed tributary on Neola Road approx. 150 yards west of Rt. 209. These trees are immediately downstream of a small bridge and continued flooding can compromise the bridge and roadway as well as cause downstream impacts.	Vegetation removal from the unnamed tributary.	Flooding, Hurricanes/Tropical Storms, Transportation	N/A
Hamilton Township	10	Pensyl Creek Road Bank/Streambank Erosion and Stream Channel Realignment	Flooding from Tropical Storm Isaias has caused channel realignment of the Appenzell Creek, caused streambank erosion and destabilization, and road bank erosion. A number of residences are no longer able to directly access their properties.	Re-establish stream crossings for residents impacted, realign stream channel as necessary, place large rock and fill to stabilize road bank.	Flooding, Hurricanes/Tropical Storms	N/A
Hamilton Township	11	Hazard Awareness Directional Signs	Hamilton Township lacks ability to communicate with both the public and travelling motorists in cases of emergency and public issues.	Purchase of two or more portable, programmable, solar powered message signs. Signs can be used for hazard awareness, road detours, and public health information.	Transportation	\$30,000.00
Hamilton Township	12	Importation of "Clean Fill"	Importation of "clean fill" has occurred in very large volumes at a number of sites. This large-scale importation of fill reshapes the topography and increases risks during flooding as well as increases leachate potential of any off spec product.	Cease "clean fill" operations.	Flooding	N/A
Jackson Township	1	Camelback Road Infrastructure	Began in 2014. Previously submitted as a project. Road too small to get Emergency Vehicles in during high volume events.	This was brought to the County meeting in 2016. Planning Commission was in attendance.	Emergency Services Shortage	N/A
Jackson Township	2	Brush Fires	Fuel load reduction, 10% of Township fuel load greatly reduced by DCNR via controlled burns.	Previously submitted as a project in 2016.	Wildfires	N/A
Jackson Township	3	Municipal Building Renovations	Renovations necessary to improve security.	Renovate offices: install bullet proof walls/glass, security cameras, upgrade ADA, emergency egress.	Terrorism	\$1,200,000.00
Jackson Township	4	Barton Glen Road Pipe	Wash outs, flooding.	Relace piping/ redirect water flow. Barton Glen Home Owner's Association approval necessary. Previously submitted as a project in 2016. Went to state level and did not move any further.	Flooding	\$555,316.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Jackson Township	5	Running Valley Rd/Johnson Lane	Water runoff/flooding	Replace drainage pipe to increase flow. Project was previously approved. Then reassessed by MCCD. Engineering costs increased dramatically. Project was placed on hold due to lack of funding.	Flooding, Hurricanes/Tropical Storms	\$325,000.00
Jackson Township	6	Spruce Woods Road Stream Bank	Stream washing out embankment of road.	Jackson Twp. And Hamilton Twp. joint municipal work with MCCD (grant project).	Flooding, Transpiration	N/A
Jackson Township	7	Jackson Mt. View Dr./Bridge	Bridge damage/erosion	Fix bridge deficiencies. Steel structure is compromised and needs to be enlarged to accommodate water flow. Approx. 30 homes in development - only means of entrance exit for residents.	Flooding, Transportation	N/A
Middle Smithfield Township	3	Barren Road GSR	Flash flooding due to piping being overwhelmed.	Construct new bridge using GSR. Bridge size 20' x 26'.	Flooding, Transportation	\$84,812.00
Middle Smithfield Township	5	Creek Road Storm Effects	Numerous trees have fallen into Marshalls Creek from storms over the past couple of years. A major storm could cause significant flooding, impacting numerous residents in that area. Damage could be catastrophic	Removal of trees from the creek to eliminate possible damming.	Flooding, Hurricanes/Tropical Storms	\$1,000,000.00
Monroe County	N/A	Monroe County Drug and Alcohol Overdose Prevention Coalition	The task force meets the second Thursday of the month, with the exception of July and December. We follow a strategic plan which is attached. Specific overdose initiatives are around raising awareness of how to get treatment, distribution of naloxone, and overdose awareness event/pinwheel display.	See attached plan.	Opioid/Substance Abuse	N/A
Mount Pocono Borough	1	SR611 Downtown Pedestrian Crossing	There are currently no safe pedestrian crossings in downtown Mount Pocono. Downtown has four active lively child-focused businesses - 2 on each side of the SR611 - with no way to cross the road. Traffic on this busy SR through town does not stop anywhere, and traffic will only increase in ears to come with more resort business, economic development, and trucking warehouses.	Signaling SR611 at Knob Road & Fairview Ave and enhance cross walks to provide safe pedestrian crossing areas (2) [Flashing yellow during winter storms]	Transportation Accidents, Winterstorms	\$600,000.00
Paradise Township	N/A	Devils Hole Road Culvert Replacement Over Tank Creek	Paradise Township is proposing to replace an existing structurally deficient seventy-eight inch (78") diameter CMP culvert beneath Devils Hole Road (T-561) that supports Tank Creek. The existing culvert will be replaced with a precast 3-sided concrete box culvert with associated wingwalls.	Devils Hole Road Culvert Replacement Project. Replacement of a deteriorated seventy-eight inch (78") diameter corrugated metal pipe (CMP) culvert under Devils Hill Road with a proposed precast 3-sided box culvert and associated wingwalls requiring a GP-11 Permit.	Flooding	\$317,220.00
Pocono Township	N/A	Learn Rd / Rt611 Flood Mitigation Project	With the past few floods Pocono Township has had, Learn Rd. will flood to the extent of backing all the way to Rt. 611. Flooding occurs all through Learn Rd. and will flow over to Rt. 611, causing flooding at Alger ave intersection, and Cherry Lane Rd / Warner Rd. intersection.	Re-route stormwater drainage system to include all of learn Rd. Replace 18" pipe to 36" pipe add approx. 15-20 D-boxes, re-route stormwater flow to drainage field near Fish Hill Rd. Re-cut & line swale in between Resort Beverage to help with Rt.611 flooding of Cherry Lane Rd. intersection.	Flooding, Transportation Accidents	\$750,000.00
Pocono Township	N/A	Learn Rd, Fish Hill Rd, Old Mill Rd, Rt 611	Throughout the years Pocono Township has had a major problem with accidents at the above mentioned intersection. Over a 7 year span there have been 35 accidents. Pocono Township has eliminated one of the road intersections (changing it from 5 to 4); this has helped, but still presents a large safety issue from a driver's point of view.	Re-align intersection & integrate Fish Hill Rd. back into the mix in a safe manner.	Transportation Accidents	\$750,000.00

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Pocono Township	N/A	Traffic Management Plan	<p>With Pocono Township being in the center of Monroe County, Pocono finds themselves in a traffic dilemma 3/4 of the year. With the large amount of tourism Pocono's transient occupancy goes to 60k. If there is an issue on 33, 209, or Rt 80, traffic will route through Pocono Township. With the constant demand for police calls and traffic calls, it puts a strain on manpower with putting things into complete gridlock 75% of the time. Pocono was selected for a Greenlight Go for complete automation grant from PennDOT but was later excluded from funding due to Covid-19. With it being such a large scale project the money will not be available from the state for a project of this magnitude for many years. By adding camera systems, proper dispatching can help eliminate traffic and help control center to properly route emergency calls.</p>	<p>By installing (2) 2.8 mm 8mp IP cameras at each intersection listed above along with NVR system to be integrated in box. Would be able to be viewed by control center, PTPD & PTPW & PTEMA.</p>	Transportation, Emergency Services	\$32,000.00
Pocono Township	N/A	Traffic Safety Management Plan	<p>With Pocono Township being in the center of Monroe County, Pocono finds themselves in a traffic dilemma, with intersection accidents rapidly growing. With the large amount of tourism, Pocono's transient occupancy goes to 60,000, leaving tourists to rely on GPS that is not always correct. Fog, snow, and heavy rains provide visibility problems on an extremely busy road. Pocono utilizes Rt. 611 as its major artery for around town. The lights that are not listed in Pocono are set for realignment from PennDOT, so these have been moved to a second phase for this safety program.</p>	<p>By installing illuminated street signs to be hung from each traffic signal intersection poles. A total of 22 single sided LEDs (energy efficient).</p>	Disorientation, Transportation Accidents	\$20,000.00
Polk Township	N/A	Dotters Corner Road, Jonas Road, SR 534 Intersection and Flooding on RT 534	<p>The three roads are unaligned in vertical heights and there is no sight distance. The drainage pipes to the North across RT 534 are inadequate and the roadway floods in a bad curve and then travels across a homeowner's property and onto Dotters Corner Road west of the intersection.</p>	<p>Realign the roads to a height that allows for better sight distance. Bigger drainage pipes under RT 534 and a detention basin are needed to handle the large volumes of water flowing off of Jonas Mountain.</p>	Transportation Accidents/Flooding	N/A
Polk Township	N/A	Lower Green Hill Road	<p>The road is a farmland flood plain and often has water ponding across the road. It is an extremely flat area, and the road needs to elevate and drain properly.</p>	<p>Elevate approximately a quarter mile of roadway.</p>	Flooding	N/A
Polk Township	N/A	Mertz Road, Smith Road, and Memorial Drive Realignment	<p>The three roads connect in a hazardous irregular substandard traffic pattern that dissects a very active camp with approximately 500 daily vehicle trips. The "Y" shaped intersection has serious deficient sight distances. Campers walk along and cross the very narrow dangerous roadways. Winter ice sheeting is also a problem due to the three roads unaligned connections.</p>	<p>Removal of two sharp curves and increasing the grade on Memorial Drive will improve the sight distance for motorists and pedestrians. Widening of the roads, adding signage, a public crossing safety zone and safe designated walking paths would alleviate this dangerous location and save lives.</p>	Transportation Accidents	N/A

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Polk Township	N/A	Silver Spring Blvd., SR 209, and Polk Township Road	The three roads connect in hazardous irregular substandard intersection that needs realignment. It is a very busy intersection that does not allow for the many tractor trailers and school buses that try to turn into and out of a 40-degree angle, where there is no sight distance, and the turn can only be made by going into the opposite lane of traffic in all 4 directions. The area lacks signage and traffic control devices. SR 209 in this area also has drainage problems during heavy rains. This traffic hazard area will continue to become more dangerous as a new Waste Transfer Station is now using the intersection and Nestle Water Extraction Company is also planning to use the same roadway intersection for their tankers.	Obtain available land, which would allow for realignment of 90-degree angle intersections and a traffic signal to be timed with the 534/209 traffic signal. Widen the roadways. SR 209 also requires additional drainage pipes and detention basins in this area.	Transportation Accidents	N/A
Polk Township	N/A	Upper Green Hill Road	The steepness of the tree-lined roadway causes driveway and roadway washout issues and dangerous icing during the winter. It is extremely dangerous during snowstorms; Township trucks have even slid into the ditch.	The very dangerous curves need to be widened, with special attention to drainage problems that wash out the edges of the road and resident's driveways. Additional guide rail is also needed. The MCCD Dirt and Gravel Agency has also reviewed the situation and has determined it is available for funding due to conservation efforts.	Transportation Accidents	N/A
Polk Township	N/A	Vertical Improvement to SR 209 at HTY Road	Very poor sight distances in both directions, due to elevated roadway of RT 209 near H.T.Y. intersection. Unsafe passing is taking place in this section of the highway that a high volume of school buses uses for the elementary and intermediate schools in Pleasant Valley School District.	Correct the sight distances for traffic in both directions by reconstructing the roadway to an acceptable visual sight distance standard for the designated speed limit. This would entail removing the high spot in the roadway and properly remarking the roadway and possible turning lane onto H.T.Y. Road.	Transportation Accidents	N/A
Smithfield Township	1	Green Mountain Dr. Bridge	Smithfield Township needs to ensure continued access to Green Mountain Drive, and is pursuing two options for mitigating this problem. Option 1: repair or replace the bridge to remove the weight limit. Option 2: The township is in discussion with the owner of 528 Seven Bridge Road to pursue a permanent road easement on their property, which would bypass the bridge entirely. This requires negotiating with the property owner to procure the easement, checking with PennDOT for any HOP requirements, and installing a new road. The township would keep the bridge open for pedestrians and bikes only, and would no longer be the main access point to Green Mountain Drive.	Green Mountain Drive bridge is in serious need of repairs. PennDOT requires the bridge to be posted for 15-tons. This bridge is the only access point for a community, and this weight limit would prevent large trucks from entering the development.	Transportation Accidents	Option 1: \$500,000 to \$1,000,000. Option 2: \$250,000.00
Smithfield Township	2	Marshalls Falls Park	These parcels contain Marshalls Falls, a local waterfall. There is no safe place to park to access the falls, so visitors park along the narrow, curving road, or illegally park on private property. Walking to the falls along this narrow road creates dangerous traffic situations. Inside the property, much of the established trails are in floodplains of floodways and are prone to becoming slippery and unsafe. A popular overlook forces visitors to climb a steep incline and the overlook itself has no handrails to prevent visitors from falling. The township closed the property to visitors and posted security guards to keep visitors from parking on the roads, but visitors continue to access the park illegally.	Smithfield Township plans to build a parking lot on the parcel to eliminate illegal and dangerous parking habits and provide safe access to the falls. The township also plans to pave the trails to the falls and install steps and handrails at the overlook to help prevent injuries.	Transportation Accidents	\$489,000.00

2021 Monroe County Mitigation Actions		MITIGATION ACTION EVALUATION CRITERIA CONSIDERATIONS (+) highly effective or feasible (-) ineffective or not feasible (N) Neutral or Not applicable										TOTAL SCORE
Action #	Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Champion	Other Community Objectives	
1.1.1	Continue regular updates to the Stormwater Management Plan and Ordinance for the Brodhead and McMichaels Creeks, which includes an updated floodplain ordinance and conduct outreach.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
1.2.1	Encourage participation in the NFIP-CRS program through outreach and education to municipal officials	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
1.2.2	Develop CRS information sheet based on the CRS pointing system to assist municipalities in obtaining CRS certification	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
1.3.1	Enforce and update the municipal floodplain ordinances to reduce the impact of flooding.	+	+	+	+	+	N	+	-	+	+	8 (+) 1 (-) 1 (N)
2.1.1	Develop work group to investigate the initiation of a Firewise program	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.1.2	Encourage wildfire-prone municipalities to implement outdoor burning bans, providing ordinance-writing assistance where necessary	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.1.3	Conduct homeowner and business owner outreach to the public on the importance of clearing brush and grass away from buildings, making them less susceptible to wildfires	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.2.1	Address drainage problems as identified in Brodhead/McMichaels and Tobyhanna Creek Watershed Act 167 Plans	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.2.2	Remove brush and debris in waterways in identified locations and jurisdictions to alleviate flooding	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.2.3	Develop a workgroup with the Conservation District to discuss and investigate the permitting process for debris removal in at-risk waterways	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.2.4	Conduct regular maintenance on stormwater management structures in compliance with MS4 guidelines. Encourage regular maintenance on stormwater management structures and replace as needed.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.2.5	Encourage non MS4 communities to perform regular maintenance on stormwater management structures and replace as needed.	+	+	+	+	+	+	+	+	+	+	8 (+) 1 (-) 1 (N)
2.3.1	Continue to target flood prone properties for acquisition, relocation, elevation and demolition/reconstruction countywide, completing Hazard Mitigation Opportunity Forms when applicable, and meet with homeowners on the benefits of mitigation opportunity.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.3.2	Identify the lowest floor elevation of the most vulnerable structures to flooding, especially historical, repetitive loss and severe repetitive loss properties.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.4.1	Develop additional and maintain current GIS layers for critical facilities and infrastructure	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)

2021 Monroe County Mitigation Actions		MITIGATION ACTION EVALUATION CRITERIA CONSIDERATIONS (+) highly effective or feasible (-) ineffective or not feasible (N) Neutral or Not applicable										TOTAL SCORE
Action #	Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Champion	Other Community Objectives	
2.4.2	Develop additional GIS layers for public utility services	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.5.1	Conduct emergency planning for transportation routes to reduce business interruption from transportation accidents	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.5.2	Develop and implement an Emergency Action Plan for the East Stroudsburg/Stroudsburg Joint Flood Control Project	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.5.3	Encourage non-Storm Ready municipalities to obtain designation.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
2.5.4	Continue the activities to maintain "Storm Ready" designation	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
2.5.5	Establish a hazard mitigation workgroup that includes utility providers to investigate ways to decrease utility outages	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
3.1.1	Conduct community outreach and public education materials for all hazards, including household safety, preparedness and personal mitigation measures, especially flooding and wildfire	+	N	+	+	+	N	+	+	+	+	8 (+) 0 (-) 2 (N)
3.1.2	Continue environmental education center programs for school students	+	N	+	+	+	N	+	+	+	+	8 (+) 0 (-) 2 (N)
3.1.3	Continue to provide public outreach on drowning hazards.	+	N	+	+	+	N	+	+	+	+	8 (+) 0 (-) 2 (N)
3.1.4	Educate community groups, employers, persons at high-risk for an overdose, and persons in contact with high risk individuals about substance use disorder and treatment and recovery options.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
3.2.1	Expand public education programs for homeowner conservation measures to address drought events.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
3.3.1	Collaborate with Penn State Cooperative Extension, PA Department of Agriculture to promote and educate Monroe County residents about the impacts of invasive species.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
3.3.2	Create a multi-disciplinary health task force to respond to future pandemic events.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
3.3.3	Continue to promote and raise awareness of the Monroe County Opioid Task Force to further enhance mitigation efforts.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.1.1	Identify emergency response equipment and training that is needed by first responders concerning hazardous material incidents.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)

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Action #	Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Champion	Other Community Objectives	
4.1.2	Conduct primary road commodity flow study in Monroe County.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.1.3	Conduct secondary road commodity flow study in Monroe County.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
4.1.4	Identify emergency generator capabilities for critical facilities in Monroe County.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.1.5	Install emergency generators at critical facilities and other essential facilities to enhance capabilities during utility outages	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.1.6	Develop a multi-hazard drone emergency response team.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.1.7	Promote the utilization of new technology such as the use of drones to support emergency responders.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.2.1	Integrate any municipal public notification systems with the Monroe County notification system to enhance dissemination of emergency information and public warning	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.2.2	Develop a county wide notification and early warning plan for vulnerable populations in Monroe County	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
4.3.1	Evaluate current network for cyber security threats.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.3.2	Provide education material to the public regarding the risks of cyber-crimes.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
4.3.3	Continue to promote retention and recruitment efforts within municipal emergency services.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
4.3.4	Coordinate outreach with education providers to enhance retention and recruitment of emergency services.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
5.1.1	Maintain, repair, and/or replace roadway drainage systems at identified locations to alleviate flooding/flash flooding and prevent transportation incidents.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
5.1.2	Maintain and/or reconstruct identified bridges to prevent transportation accidents and improve the transportation network	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)

2021 Monroe County Mitigation Actions		MITIGATION ACTION EVALUATION CRITERIA CONSIDERATIONS (+) highly effective or feasible (-) ineffective or not feasible (N) Neutral or Not applicable										TOTAL SCORE
Action #	Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Champion	Other Community Objectives	
5.2.1	Encourage municipalities to enforce UCC and promote the establishment of best practices on implementation.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
5.2.2	Integrate the 2021 Monroe County hazard mitigation plan with other county plans.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
5.3.1	Explore funding opportunities for first responders through the Assistance to Firefighters Grant (AFG).	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
6.1.1	Continue to address a list of problem potholes within the county and submit to PennDOT and appropriate municipalities.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
6.2.1	Maintain Route 611 transportation planning work group to conduct planning for transportation items related to major interstate shutdowns.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
6.2.3	Maintain a transportation planning work group to conduct planning for transportation items related to major highway shutdowns.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
7.1.1	Continue to conduct outreach to private owners of high-hazard dams on the importance of dam safety planning and on mitigation opportunities for dam failure hazards.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
7.1.2	Distribute educational pamphlets about the HHPD program.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
7.1.3	Utilize all municipal social media pages to disseminate important information regarding the HHPD program to Monroe County residents.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
7.2.1	Incorporate existing plans, studies, reports, and technical information for eligible high-hazard potential dams.	+	+	+	+	+	N	+	+	+	+	9 (+) 0 (-) 1 (N)
7.2.2	Enhance local mitigation policies and programs that address high-hazard potential dams.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)
7.2.3	Secure funding to reduce vulnerability of HHPD.	+	+	+	+	+	+	+	+	+	+	10 (+) 0 (-) 0 (N)

2021 Monroe County Mitigation Actions		Multi-objective mitigation action prioritization criteria					Priority
Action #	Action	Effectiveness	Efficiency	Multi-Hazard Mitigation	Addresses High Risk Hazard	Addresses Critical Communications/Critical Infrastructure	
1.1.1	Continue regular updates to the Stormwater Management Plan and Ordinance for the Brodhead and McMichaels Creeks, which includes an updated floodplain ordinance and conduct outreach.	3	2	2	3	2	2.35
1.2.1	Encourage participation in the NFIP-CRS program through outreach and education to municipal officials	2	2	2	3	2	2.15
1.2.2	Develop CRS information sheet based on the CRS pointing system to assist municipalities in obtaining CRS certification	2	2	2	3	2	2.15
1.3.1	Enforce and update the municipal floodplain ordinances to reduce the impact of flooding.	2	2	2	3	2	2.15
2.1.1	Develop work group to investigate the initiation of a Firewise program	3	2	2	2	2	2.2
2.1.2	Encourage wildfire-prone municipalities to implement outdoor burning bans, providing ordinance-writing assistance where necessary	2	2	2	3	3	2.3
2.1.3	Conduct homeowner and business owner outreach to the public on the importance of clearing brush and grass away from buildings, making them less susceptible to wildfires	2	2	2	3	3	2.3
2.2.1	Address drainage problems as identified in Brodhead/McMichaels and Tobyhanna Creek Watershed Act 167 Plans	2	2	2	3	2	2.15
2.2.2	Remove brush and debris in waterways in identified locations and jurisdictions to alleviate flooding	2	2	1	3	3	2.1
2.2.3	Develop a workgroup with the Conservation District to discuss and investigate the permitting process for debris removal in at-risk waterways	3	2	1	3	2	2.15
2.2.4	Conduct regular maintenance on stormwater management structures in compliance with MS4 guidelines. Encourage regular maintenance on stormwater management structures and replace as needed.	2	2	2	3	2	2.15
2.2.5	Encourage non MS4 communities to perform regular maintenance on stormwater management structures and replace as needed.	2	2	2	3	2	2.15
2.3.1	Continue to target flood prone properties for acquisition, relocation, elevation and demolition/reconstruction countywide, completing Hazard Mitigation Opportunity Forms when applicable, and meet with homeowners on the benefits of mitigation opportunity.	2	2	2	3	2	2.15
2.3.2	Identify the lowest floor elevation of the most vulnerable structures to flooding, especially historical, repetitive loss and severe repetitive loss properties.	2	2	3	3	2	2.35
2.4.1	Develop additional and maintain current GIS layers for critical facilities and infrastructure	2	2	2	2	2	2
2.4.2	Develop additional GIS layers for public utility services	2	2	2	1	2	1.85
2.5.1	Conduct emergency planning for transportation routes to reduce business interruption from transportation accidents	2	2	2	2	2	2
2.5.2	Develop and implement an Emergency Action Plan for the East Stroudsburg/Stroudsburg Joint Flood Control Project	2	3	2	2	2	2.3
2.5.3	Encourage non-Storm Ready municipalities to obtain designations.	2	3	2	2	2	2.3
2.5.4	Continue the activities to maintain "Storm Ready" designation	3	3	2	3	2	2.65
2.5.5	Establish a hazard mitigation workgroup that includes utility providers to investigate ways to decrease utility outages	3	3	3	3	2	2.85
3.1.1	Conduct community outreach and public education materials for all hazards, including household safety, preparedness and personal mitigation measures, especially flooding and wildfire	3	3	2	3	2	2.65
3.1.2	Continue environmental education center programs for school students	3	3	2	3	2	2.65
3.1.3	Continue to provide public outreach on drowning hazards.	3	3	2	3	2	2.65
3.1.4	Educate community groups, employers, persons at high-risk for an overdose, and persons in contact with high risk individuals about substance use disorder and treatment and recovery options.	2	2	2	2	2	2
3.2.1	Expand public education programs for homeowner conservation measures to address drought events.	2	2	2	2	3	2.15
3.3.1	Collaborate with Penn State Cooperative Extension, PA Department of Agriculture to promote and educate Monroe County residents about the impacts of invasive species.	3	2	3	2	3	2.55
3.3.2	Create a multi-disciplinary health task force to respond to future pandemic events.	2	2	2	3	3	2.3
3.3.3	Continue to promote and raise awareness of the Monroe County Opistid Task Force to further enhance mitigation efforts.	2	2	2	2	2	2
4.1.1	Identify emergency response equipment and training that is needed by first responders concerning hazardous material incidents.	2	2	2	2	3	2.15
4.1.2	Conduct primary road commodity flow study in Monroe County.	2	2	2	2	2	2
4.1.3	Conduct secondary road commodity flow study in Monroe County.	3	3	3	3	3	3
4.1.4	Identify emergency generator capabilities for critical facilities in Monroe County.	2	2	2	2	3	2.15

Appendix I

Annual review information will be maintained in this appendix during the next planning period.