



9.24 TOWNSHIP OF WALPACK

This section presents the jurisdictional annex for the Township of Walpack.

9.24.1 HAZARD MITIGATION PLAN POINT OF CONTACT

The following individuals have been identified as the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Victor Maglio, Mayor 9 Main Street, Walpack Center, NJ 07881 973-948-6861 walpackmayor@gmail.com	None at this time.

9.24.2 MUNICIPAL PROFILE

The Township of Walpack is located in western Sussex County and has a total area of 24.7 square miles. It is the oldest municipality in Sussex County. According to the U.S. Census, the 2010 population for the Township of Walpack was 16, making it one of the four municipalities in New Jersey with a double-digit population. The following unincorporated communities are located within the Township: Walpack Center, Haneys Mill, Smith Ferry, Flatbrookville, and Donkeys Corners. The Township is bordered to the north by Sandyston Township, to the east by Stillwater and Hampton Townships, to the south by Warren County, and to the west by Pennsylvania. The Delaware River forms the western border of the Township. Other streams flow through the Township and include: Flat Brook and its tributaries and Vancampens Brook and its tributaries. There are also several lakes and ponds that include Crater Lake, Lake Success, Long Pine Pond, and Hemlock Lake.

Growth/Development Trends

The Township of Walpack did not note any recent residential/commercial development since 2010 or any major residential or commercial development, or major infrastructure development planned for the next five years in the municipality.

Table 9.24-1. Growth and Development

Property or Development Name	Type (e.g., Res., Comm.)	# of Units/Structures	Location (address and/or Block & Lot)	Known Hazard Zone(s)	Description/Status of Development
Recent Development from 2010 to present					
None					
Known or Anticipated Development in the Next Five (5) Years					
None					

* Only location-specific hazard zones or vulnerabilities identified.

9.24.3 NATURAL HAZARD EVENT HISTORY SPECIFIC TO THE MUNICIPALITY

Sussex County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities. For the purpose of this HMP update, events that have occurred in the county from 2008 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material





or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.24-2. Hazard Event History

Date(s) of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
August 26 – September 5, 2011	Hurricane Irene	DR-4021	Yes	Downed trees, power outages and road closures
October 26 – November 8, 2012	Hurricane Sandy	DR-4086	Yes	Downed trees, power outages and road closures

9.24.4 HAZARD VULNERABILITIES AND RANKING

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The risk ranking methodology is presented in Section 5.3. However, each municipality had the opportunity to adjust the final ranking based on municipal feedback. The following summarizes the hazard vulnerabilities and their ranking in the Township of Walpack. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Township of Walpack.

Table 9.24-3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
Dam Failure	Damage estimate not available	Occasional	24	Medium
Drought	Damage estimate not available	Frequent	30	Medium*
Earthquake	100-Year GBS: \$0 500-Year GBS: \$1,020,096 2,500-Year GBS: \$15,385,987	Occasional	28	Medium
Flood	1% Annual Chance: \$6,600,302	Frequent	36	Medium*
Geologic	GBS Exposed to Carbonate Rock Areas: \$7,039,461	Occasional	36	High
Hurricane	100-year MRP: \$383 500-year MRP: \$7,962 Annualized: \$45	Frequent	48	High
Nor'Easter	Damage estimate not available	Frequent	48	High
Severe Weather	100-Year MRP: \$383 500-year MRP: \$7,962 Annualized: \$45	Frequent	48	High
Severe Winter Weather	1% GBS: \$87,108 5% GBS: \$435,541	Frequent	51	High





Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
Wildfire	Estimated Value in the Extreme, Very High, and High Hazard Areas: \$4,130,648	Frequent	30	Medium
Hazardous Materials	Damage estimate not available	Frequent	36	High

Notes:

- * The hazard ranking was changed for this hazard based on input from the municipality, population exposed, and/or event history.
- GBS = General building stock; MRP = Mean return period.
- a. The general building stock valuation is based on the custom inventory generated for the municipality and based on improved value.
- b. High = Total hazard priority risk ranking score of 31 and above
 Medium = Total hazard priority risk ranking of 15-30+
 Low = Total hazard risk ranking below 15
- c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the estimated value of contents. Loss estimates for the flood and earthquake hazards represent both structure and contents. Potential flood loss estimates were generated using Hazus-MH 3.0 and the 2011 FEMA DFIRM for the 1-percent annual chance event. For the geologic and wildfire hazards, the improved value and estimated contents of buildings located within the identified hazard zones is provided.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Township of Walpack.

Table 9.24-4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 1% Flood Boundary (3)
Township of Walpack	0	1	\$7,076	0	0	0

Source: FEMA Region 2, 2014

- (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, and are current as of 11/30/2014. Please note the total number of repetitive loss properties does not include the severe repetitive loss properties. The number of claims represents claims closed by 11/30/14.
- (2) Total building and content losses from the claims file provided by FEMA Region 2.
- (3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file.

Notes: FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility. Number of policies and claims and claims total exclude properties located outside County boundary, based on provided latitude and longitude.

Critical Facilities

There are no critical facilities located in the FEMA 1% or 0.2% annual chance boundary.

Other Vulnerabilities Identified by Municipality

Various areas along Old Mine Road in the Township flood during significant rain events. This leads to roadway closures. Please note that all roadways in Walpack Township are serviced and maintained by the National Park Service.





9.24.5 CAPABILITY ASSESSMENT

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Education/Outreach and Community classification
- Self-Assessment of Capability
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms

Planning and Regulatory Capability

Walpack Township has limited planning and regulatory capabilities. The Emergency Operations Plan is currently being updated (2016) by the Emergency Operations Coordinator. The Township does not have municipal codes in place. There is a construction official and township engineer; however, improvements such as subdivisions, new development, etc. are handled by Sussex County. The Township follows the State Uniform Construction Code Act (N.J.S. 52:72D-119 et seq.) for their building code.

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Township of Walpack.

Table 9.24-5. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/Agency/Position
Administrative Capability		
Planning Board	No	
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Maintenance Programs to Reduce Risk	Yes	Emergency Operations Plan
Mutual Aid Agreements	Yes	With surrounding communities (State Police and Sandyston/Blairstown for fire); EMS – Blue Ridge for north end and Blairstown for south end; part of County 911 system; firefighting services by shared agreement with Sandyston Township Volunteer Fire Department
Technical/Staffing Capability		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Yes	Municipal engineer and work with County engineering when necessary
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Township Construction Official in cooperation with the County
Planners or engineers with an understanding of natural hazards	Yes	Township Engineer
NFIP Floodplain Administrator	Yes	To Be Determined
Surveyor(s)	No	



Table 9.24-5. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/Agency/Position
Personnel skilled or trained in GIS and/or Hazus-MH applications	No	
Scientist familiar with natural hazards	No	
Emergency Manager	Yes	Victor Maglio, Mayor/Emergency Operations Coordinator
Grant Writer(s)	No	
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	Yes	Construction Official and Engineer

Fiscal Capability

The table below summarizes financial resources available to the Township of Walpack.

Table 9.24-6. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No/Don't Know)
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital Improvements Project Funding	Yes – have line item in budget for improvements to the municipal building
Authority to levy taxes for specific purposes	Don't Know
User fees for water, sewer, gas, or electric service	No
Impact Fees for homebuyers or developers of new development/homes	No
Stormwater Utility Fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal or State Funding Programs	Yes
Open Space Acquisition Funding Programs	Yes
Other	No

Education/Outreach and Community Classifications

The table below summarizes education/outreach programs the community participates in and the classifications for community program available to the Township of Walpack.

Table 9.24-7. Education/Outreach and Community Classifications

Program	Do you have/participate in this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No		
Building Code Effectiveness Grading Schedule (BCEGS)	No		





Table 9.24-7. Education/Outreach and Community Classifications

Program	Do you have/participate in this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Public Protection (ISO Fire Protection Classes 1 to 10)	No		
Storm Ready	No		
Firewise	No		
Disaster/Safety Programs in/for Schools	No	No schools located in Township	
Organizations with Mitigation Focus (advocacy group, non-government)	No		
Public Education Program/Outreach (through website, social media)	Yes	Municipal website	
Public-Private Partnerships	No		

N/A = Not Applicable. NP = Not Participating. - = Unavailable. TBD = To Be Determined.

The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery, and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The Community Rating System (CRS) class applies to flood insurance while the Building Code Effectiveness Grading Schedule (BCEGS) and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1,000 feet of a creditable fire hydrant and is within five road miles of a recognized fire station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO’s Public Protection website at <http://www.isomitigation.com/ppc/0000/ppc0001.html>
- The National Weather Service Storm Ready website at <http://www.weather.gov/stormready/howto.htm>
- The National Firewise Communities website at <http://firewise.org/>

Self-Assessment of Capability

The table below provides an approximate measure of the Township of Walpack’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.24-8. Self-Assessment of Capability

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)	Moderate	High
Planning and Regulatory Capability	X – due to population and budget		





Table 9.24-8. Self-Assessment of Capability

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)	Moderate	High
Administrative and Technical Capability	X – due to population and budget		
Fiscal Capability	X – due to population and budget		
Community Political Capability	X – due to population and budget		
Community Resiliency Capability	X – due to population and budget		
Capability to Integrate Mitigation into Municipal Processes and Activities	X – due to population and budget		

National Flood Insurance Program

At the time of this HMP update, the Township did not identify the floodplain administrator. According to the most recent FEMA Status Book Report for New Jersey, Walpack Township entered the NFIP on March 18, 1983 and the current effective maps are dated September 29, 2011.

Community Rating System

The Township of Walpack does not participate in the Community Rating System (CRS) program.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of their community’s progress in plan integration. A summary for the Township is provided below. In addition, the Township identified specific integration activities that will be incorporated into municipal procedures.

Regulatory and Enforcement (Ordinances)

The municipality has a construction official and engineer that work in cooperation with Sussex County. For example, if grading roadways and a soil erosion plan is needed, this goes through the county.

Operational and Administration

The Township government is essentially limited to a three-person Township Committee (one of which is chosen annually by the Committee to serve as Mayor), Municipal Clerk and Treasurer/CFO.

Funding

Operating Budget: The Township’s operating budget includes line items for improvements to the municipal building. Any road maintenance and repairs is the responsibility of the National Park Service.

Education and Outreach

The Township’s website posts information regarding upcoming community events and important municipal decisions on the home page.





9.24.6 MITIGATION STRATEGY AND PRIORITIZATION

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2011 HMP. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.24-9. Past Mitigation Initiative Status

<u>Initiative Number</u>	<u>2011 Mitigation Action</u>	<u>Responsible Party</u>	<u>Status</u> (In progress, No progress, Complete)	<u>Describe Status</u> 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	<u>Next Step</u> (Include in 2016 HMP or Discontinue)	<u>Describe Next Step</u> 1. If including action in the 2015 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Walpack Township 1	Acquisition/Elevation of one Repetitive Loss property on Old Mine Road	OEM Coordinator	No Progress	The home located on this property is no longer there (structure was demolished by National Park Service).	Discontinue	
Walpack Township 2	Implement Fire Wise Program throughout the Township.	OEM Coordinator	No Progress	Due to limited funding and municipal personnel, this project has not been completed.	Include in 2016 HMP	Implement Fire Wise Program throughout the Township.
Walpack Township 3	Conduct all-hazards public education and outreach program for hazard mitigation and preparedness.	OEM Coordinator, in coordination with SCDEM	In Progress	Programs in place; Township is currently participating in the update of the County hazard mitigation plan.	Include in 2016 HMP	Conduct all-hazards public education and outreach program for hazard mitigation and preparedness.



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

The Township has not identified any additional mitigation projects/activities that have been completed since the 2011 HMP.

Proposed Hazard Mitigation Initiatives for the Plan Update

A mitigation action workshop was held in April 2015 where the following FEMA publications were provided to those that attended to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 'Selecting Appropriate Mitigation Measures for Floodprone Structures' (March 2007) and FEMA 'Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards' (January 2013). In May 2015, a second workshop led by FEMA Region 2 and NJOEM and was provided the results to the risk assessment to further assist with the identification of mitigation actions. All materials were provided to the county and the Township. Additionally, the Township attended an annex support meeting in April 2016.

Table 9.24-10 summarizes the comprehensive-range of specific mitigation initiatives the Township would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as 'High,' 'Medium,' or 'Low.' Table 9.24-11 provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.



Table 9.24-10. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
Walpack-1 (new)	Ensure continuity of operations in the Township. At this time, purchase and install a generator at municipal building that serves as EOC, shelter, etc.	Existing	All	1, 2, 5, 6	Township	High	Medium to High	HMGP with local cost share	Short Term / DOF	High	SIP	PP
Walpack-2 (new)	Continue to maintain and enhance mutual aid and shared services agreements with surrounding municipalities.	N/A	All	1, 2, 4, 5, 6	Township with support of surrounding municipalities	High	Low	Municipal Budget	Ongoing	High	LPR	PR
Walpack-3 (old #2)	Implement Fire Wise Program throughout the Township.	N/A	All	All	Township	Medium	Low	Municipal Budget	Short Term / DOF	Medium	LPR, EAP	PR, PI
Walpack-4 (old #3)	Conduct all-hazards public education and outreach program for hazard mitigation and preparedness.	N/A	All	All	Township	Medium	Low	Municipal Budget	Short Term / DOF	Medium	LPR, EAP	PR, PI

Notes:

Not all acronyms and abbreviations defined below are included in the table.

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

Acronyms and Abbreviations:

- CRS Community Rating System
- DPW Department of Public Works
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- N/A Not applicable
- NFIP National Flood Insurance Program
- NJDEP New Jersey Department of Environmental Protection
- NJOEM New Jersey Office of Emergency Management
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- PDM Pre-Disaster Mitigation Grant Program
- HMA Hazard Mitigation Assistance Program

Timeline:

- Short 1 to 5 years
- Long Term 5 years or greater
- OG On-going program
- DOF Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

- Low < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Where actual project costs cannot reasonably be established at this time:

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

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

Where numerical project benefits cannot reasonably be established at this time:





Costs:

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

Benefits:

- Low Long-term benefits of the project are difficult to quantify in the short term.
- Medium Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
- High Project will have an immediate impact on the reduction of risk exposure to life and property.

Mitigation Category:

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

CRS Category:

- Preventative Measures (PR)-Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP)-These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI)-Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.
- Natural Resource Protection (NR)-Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP)-Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES)-Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities



Table 9.24-11. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High/Medium/Low
Walpack-1 (new)	Purchase and install a generator at municipal building that serves as EOC, shelter, etc.	1	1	1	1	1	1	0	0	1	1	1	0	1	0	10	High
Walpack-2 (new)	Continue to maintain and enhance mutual aid and shared services agreements with surrounding municipalities.	1	1	1	1	1	0	1	0	1	1	1	1	1	0	11	High
Walpack-3 (old #2)	Implement Fire Wise Program throughout the Township.	1	1	1	0	1	0	0	1	1	1	0	0	0	0	7	Medium
Walpack-4 (old #3)	Conduct all-hazards public education and outreach program for hazard mitigation and preparedness.	1	1	1	1	1	0	0	0	1	0	1	0	0	0	7	Medium

Note: Refer to Section 6 which contains the guidance on conducting the prioritization of mitigation actions.



9.24.7 FUTURE NEEDS TO BETTER UNDERSTAND RISK/VULNERABILITY

None at this time.

9.24.8 HAZARD AREA EXTENT AND LOCATION

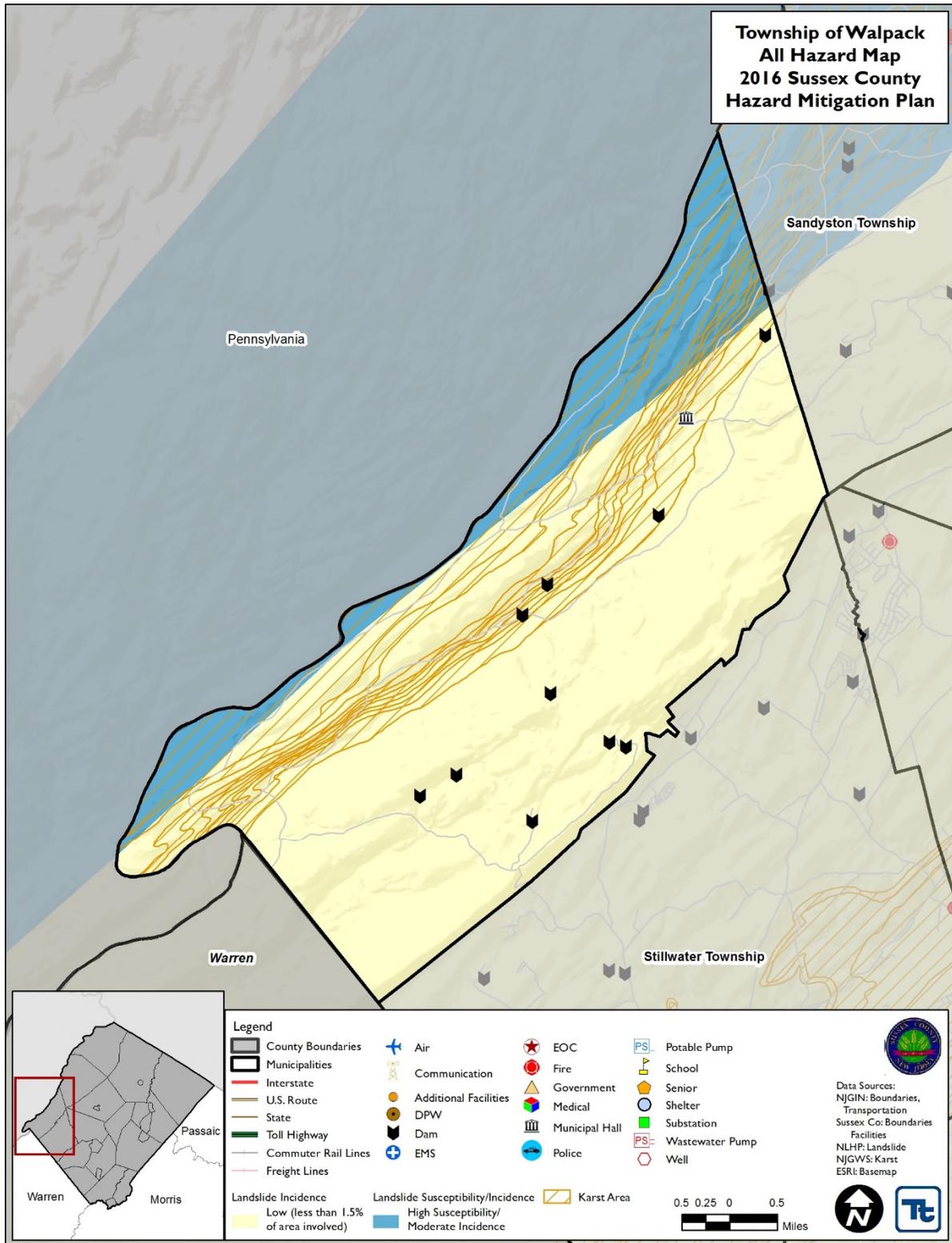
Hazard area extent and location maps have been generated for the Township of Walpack that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Township of Walpack has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this HMP.

9.24.9 ADDITIONAL COMMENTS

None at this time.



Figure 9.24-2. Township of Walpack Hazard Area Extent and Location Map 2





Action Number: Walpack-1

Mitigation Action/Initiative: Purchase and install a generator at municipal building that serves as EOC, shelter, etc.

Assessing the Risk	
Hazard(s) addressed:	All hazards
Specific problem being mitigated:	The Township currently uses a small, portable generator during power outages. There is a need for a permanent generator that will allow the municipal building to function properly during power outages.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1. Purchase and install a generator at municipal building that serves as EOC, shelter, etc.
	2. Do nothing – current problem continues
	3. No other feasible options were identified.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase and install a generator at municipal building that serves as EOC, shelter, etc.
Action/Project Category	SIP
Goals/Objectives Met	1, 2, 5, 6
Applies to existing and/or new development; or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	Medium to High
Priority*	High
Plan for Implementation	
Responsible/Lead Agency/Department	Township Committee
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	HMGP with local cost share
Timeline for Completion	Short Term / DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number: Walpack-1

Mitigation Action/Initiative: Purchase and install a generator at municipal building that serves as EOC, shelter, etc.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Allow the municipal building to function properly – used as a shelter if necessary
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek grant funding to purchase generator
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards that lead to power outages
Timeline	0	
Local Champion	1	
Other Community Objectives	0	
Total	10	
Priority (High/Med/Low)	High	