



9.11 Town of Hamlin

This section presents the jurisdictional annex for the Town of Hamlin.

9.11.1 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
Tom Maier, Fire Marshal 1658 Lake Road, Hamlin, NY 14464 585-964-8181 tommaier55@gmail.com	Eric Peters, Town Supervisor 1658 Lake Road, Hamlin, NY 14464 585-964-8981 supervisor@hamlinny.org

9.11.2 Municipal Profile

The Town of Hamlin is located in the northwest quadrant of Monroe County. It is bordered by the Town of Parma to the east, the Town of Clarkson to the south, Lake Ontario to the north, and the County of Orleans to the west. The Town comprises 43.47 square miles in land area and 1.12 square miles in water area. The Town’s terrain is mostly level, although it has a tendency toward rolling hills in the northern portion and in the vicinity of Sandy Creek (Town of Hamlin Master Plan 2007).

The Town of Hamlin is primarily agricultural and contains no incorporated villages. Since it is farther from the City of Rochester than other County jurisdictions, Hamlin’s population growth was relatively slow until the 1960s and 1970s, when it nearly doubled (Town of Hamlin Master Plan 2007). The Town’s population was 9,045, according to the 2010 U.S. Census.

Growth/Development Trends

The following table summarizes recent residential/commercial development since 2010 to the present and any known or anticipated major residential/commercial and major infrastructure development that has been identified in the next 5 years within the municipality. Figure 9.11-1 illustrates landslide and wildfire hazard areas and Figure 9.11-2 illustrates flood hazard areas.

Table 9.11-1. Growth and Development

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
Recent Development from 2010 to present					
Hamlin Meadows	Res.	28	Beehler Lane	None	Ongoing development
Known or Anticipated Development in the Next 5 Years					
Apple Hollow Delmonache Subdivision	Res.	18	Apple Hollow La.	None	Planning Level

* Only location-specific hazard zones or vulnerabilities identified.

9.11.3 Natural Hazard Event History Specific to the Municipality

Monroe 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. All events that have occurred in the County were summarized for this plan update, and to the extent possible, 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 9.11-2. Hazard Event History

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
January 17, 2012	High Wind	N/A	N/A	Removed downed trees on January 18 (three men, 6 hours). Brush pick up on January 19 and 20 (four men, six hours each day)
July 19, 2013	Severe Weather	N/A	N/A	Dozens of trees were damaged and uprooted; minor damage to structures occurred, Hamlin Beach State Park

9.11.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan contain detailed information regarding each plan participant’s vulnerability to the hazards identified. The following summarizes the hazard vulnerabilities and their ranking in the Town of Hamlin. Refer to Section 5.0 for additional vulnerability information relevant to this jurisdiction.

Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Town of Hamlin. The hazards of concern for the Town are those with a High hazard ranking.

Table 9.11-3. 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
Landslide	Exposed: \$1,732,718,671	Frequent	48	High
Severe Storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Utility Failure	Damage Estimate Not Available	Frequent	39	High
Extreme Temperature	Damage Estimate Not Available	Frequent	36	High
Infestation	Damage Estimate Not Available	Frequent	36	High
Severe Winter Storm	1% Damage Loss Estimate: \$11,098,333 5% Damage Loss Estimate: \$55,491,665 10% Damage Loss Estimate: \$110,983,330	Frequent	36	High
Wildfire	Exposed Value in the WUI: \$378,372,038	Frequent	33	High
Earthquake	100-year MRP GBS: \$0 500-year MRP GBS: \$273,307 2,500-year MRP GBS: \$4,443,037 Annualized: \$4,141	Frequent	30	Medium
Flood	1% annual chance: \$14,672,085	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Civil Unrest	Damage Estimate Not Available	Occasional	12	Low
Drought	Damage Estimate Not Available	Frequent	12	Low



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
Hazardous Materials	Damage Estimate Not Available	Occasional	12	Low

Notes:

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. The valuation of general building stock and loss estimates was based on custom inventory for the municipality.
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 value of contents.
- d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
- e. The HAZUS-MH earthquake model results are reported by Census Tract.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Town of Hamlin.

Table 9.11-4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in the 1% Flood Boundary (3)
Hamlin (T)	81	23	\$100,161	1	0	53

Source: FEMA Region 2 2015

- Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of June 30, 2015, and are summarized by Community Name. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents claims closed by 6/30/15.
- Note (2) Total building and content losses from the claims file provided by FEMA Region 2.
- Note (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. Number in the floodplain was determined using the 2007 Effective DFIRM 1% annual chance flood boundary.
- Note (4) 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.
- Note (5) A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case.

Critical Facilities

The table below presents HAZUS-MH estimates of the damage and loss of use to critical facilities in the community as a result of a 1- and 0.2-percent annual chance flood events.

Table 9.11-5. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Potential Loss from 1% Flood Event		
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage	Days to 100-Percent ⁽²⁾
None identified.						

Source: Monroe County; HAZUS-MH 2.2; FEMA 2015

- Note (1): HAZUS-MH 2.2 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore, this will be an indication of the maximum downtime (HAZUS-MH 2.2 User Manual).
- Note (2): In some cases, a facility may be located in the DFIRM flood hazard boundary; however, HAZUS did not calculate potential loss. Potential loss may not have been calculated because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type. Furthermore,





HAZUS-MH may estimate potential damage to a facility that is outside the DFIRM because the model generated a depth grid beyond the DFIRM boundaries.

- NA Not available
- X Facility located within the DFIRM boundary
- Not calculated by HAZUS-MH 2.2

Other Vulnerabilities Identified

The municipality has identified the following vulnerabilities within its community:

- None noted.

9.11.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms.

Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of Hamlin.

Table 9.11-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Planning Capability				
Master Plan	Yes	Local	Town Board	Town of Hamlin Comprehensive Master Plan, 2007
Capital Improvements Plan	No			
Floodplain Management / Basin Plan	Yes	Local	Building Inspector	Town Code Chapter 295
Stormwater Management Plan	Yes	Local	DPW	Town Code Chapter 498-2
Open Space Plan	Yes	Local	Conservation Board	
Stream Corridor Management Plan	Yes	Local	Conservation Board	
Watershed Management or Protection Plan	Yes	Local	Conservation Board	
Economic Development Plan	No			
Comprehensive Emergency Management Plan	Yes	Local	DPW	
Emergency Operation Plan	Yes	Local	DPW	
Post-Disaster Recovery Plan	No			
Transportation Plan	No			



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Strategic Recovery Planning Report	No			
Other Plans:	No			
Regulatory Capability				
Building Code	Yes	Local/State	Building Inspector	Town Code Chapter 1; Building Code Administration and Enforcement Chapter 220
Zoning Ordinance	Yes	Local	Building Inspector	Town Code Chapter 520-69
Subdivision Ordinance	Yes	Local	Building Inspector	Town Code Chapter 520-64
NFIP Flood Damage Prevention Ordinance	Yes	Local	Building Inspector	Town Code Chapter 295
NFIP: Cumulative Substantial Damages				
NFIP: Freeboard	Yes	State, Local	Building Inspector	State mandated Base Flood Elevation (BFE)+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	N/A	N/A	N/A	
Site Plan Review Requirements	Yes	Local		Zoning/Planning Board
Stormwater Management Ordinance	Yes	County	County DES	Illicit Discharge Ordinance Adopted 2003, Sewer Use Law Adopted 1988
Municipal Separate Storm Sewer System (MS4)	N/A			
Natural Hazard Ordinance	N/A			
Post-Disaster Recovery Ordinance	N/A			
Real Estate Disclosure Requirement	Yes	State/Local		NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	Yes	Local		Coastal Erosion Hazard Areas Chapter 259

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Hamlin.

Table 9.11-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Town of Hamlin Planning Board
Mitigation Planning Committee	No	
Environmental Board/Commission	Yes	Town of Hamlin Conservation Board
Open Space Board/Committee	Yes	Town of Hamlin Conservation Board





Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Economic Development Commission/Committee	No	
Maintenance Programs to Reduce Risk	Yes	DPW- Hwy Supt.
Mutual Aid Agreements	Yes	DPW-Hwy Supt.
Technical/Staffing Capability		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Yes	JP Schepp
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Town of Hamlin Building Inspector
Planners or engineers with an understanding of natural hazards	No	
NFIP Floodplain Administrator	Yes	Town of Hamlin Building Inspector
Surveyor(s)	No	
Personnel skilled or trained in GIS and/or HAZUS-MH applications	No	
Scientist familiar with natural hazards	No	
Emergency Manager	No	
Grant Writer(s)	No	
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	No	

Fiscal Capability

The table below summarizes financial resources available to the Town of Hamlin.

Table 9.11-8. Fiscal Capabilities

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

Community Classifications

The table below summarizes classifications for community program available to the Town of Hamlin.





Table 9.11-9. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No		
Building Code Effectiveness Grading Schedule (BCEGS)	No		
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	5-5	2013
Storm Ready	Yes	StormReady County	
Firewise	NP		
Disaster/Safety Programs in/for Schools	NP		
Organizations with Mitigation Focus (advocacy group, non-government)	No		
Public Education Program/Outreach (through website, social media)	NP		
Public-Private Partnerships	NP		

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 reduce 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 CRS class applies to flood insurance, while the 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 5 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 <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/become.shtml>
- The National Firewise Communities website at <http://firewise.org/>

Self-Assessment of Capability

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





Table 9.11-10. Self-Assessment Capability for the Municipality

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

Note: The Town has noted limited staff as an explanation for self-assessment ratings.

National Flood Insurance Program

NFIP Floodplain Administrator (FPA)

Building Inspector

Flood Vulnerability Summary

The Town of Hamlin has a relatively low flood vulnerability, despite its proximity to Lake Ontario. The Town does not maintain an inventory of properties that have been damaged by flood. Town records do not note any structures damaged during Hurricanes Floyd, Irene, Sandy, or other major storm events. Because of the lack of notable property damage, the Town does not know of any property owners interested in mitigation activities.

Resources

The Floodplain Administrator is the primary person assuming the responsibilities of floodplain administration. Cheryl Pacelli, Building Inspector, provides NFIP administration services and functions, including permit review, inspections, record-keeping, and education and outreach. Currently no specific education or outreach is being offered to the community specifically regarding flood hazards/risk or flood risk reduction through NFIP insurance or mitigation.

The Floodplain Administrator does not report any barriers to running an effective floodplain management program in her community. At this time, she feels adequately supported and trained to fulfill her responsibilities as the municipal floodplain manager. The Floodplain Administrator expressed interest in attending continuing education or certification training on floodplain management if it were offered in the County for all local floodplain administrators (and she has already taken advantage of trainings when available).

Compliance History

As of June 30, 2015, there are 81 policies in force, 53 of which are within the 100-year flood boundary. There is one repetitive loss and no severe repetitive loss properties in the Town. Since 1978, 23 claims have been paid within the Town of Hamlin. According to the NFIP Policy Statistics report available at the time of this plan, the policies in the Town insured \$14.191 million of property with total annual insurance premiums of \$71,308.





The Town is currently in good standing with the NFIP, and the Floodplain Administrator is unaware of any outstanding NFIP compliance issues in the community. The Floodplain Administrator does not know when the most recent Community Assistance Visit (CAV) was completed.

Regulatory

The Town's Flood Damage Prevention Ordinance (FDPO) was last reviewed and updated in June 2008 and is found in Chapter 295 of the local code. Floodplain management regulations and ordinances meet the FEMA and New York State minimum requirements and do not exceed these requirements.

Other local ordinances, plans, and programs support floodplain management and meet NFIP requirements in the Town of Hamlin, including the planning and zoning board reviews of development applications to consider efforts to reduce flood risk.

Community Rating System

The Town of Hamlin does not participate in the CRS program.

Other Capabilities Identified

Previous actions that are now on-going programs and capabilities are described below. Refer to Table 9.11-11 presented later in this annex.

- The Town departments are aware of Town codes and apply and enforce them as necessary. Appropriate departments also provide inspections for applicable services, as needed.
- Code Enforcement Officer manages the Town's floodplain management program.
- The Town DPW, Fire Marshal, and Code Enforcement Officer identify hazard areas and address them as problems arise.
- The DPW assists with soliciting mutual aid agreements and inter-municipal cooperation, as needed.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

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

Planning

Land Use Planning: The Town of Hamlin has a Planning Board and Zoning Board of Appeals that review all applications for development and consider natural hazard risk areas in the review. Many development activities require additional levels of environmental review, specifically NYS SEQR and Federal NEPA requirements.

Town of Hamlin Comprehensive Master Plan, 2007: The Town of Hamlin updated its Comprehensive Master Plan from the 1997 version to include changes in Town demographics, land use, and long-term goals, among other features. The current version of the plan identifies natural hazard risk areas, like wetlands and floodplains, as well as land use and zoning recommendations for managing risks and directing growth. Some of the recommendations included the following:

1. Establish, update and/or revise existing codes and regulations to ensure the appropriate officials have powers of review and authority over new developments to assure the quality and compatibility of new construction.



2. Incorporate and support conservation practices which serve to protect significant, scenic and natural features, especially those having potential value for current and future recreational purposes.
3. Identify and protect open spaces. Maintain the Open Space Index to accurately reflect the inventory of open spaces within the Town.
4. Consider Incentive Zoning as a means to advance the Town's physical, cultural and social goals by allowing land developers to provide specific amenities and benefits in exchange for zoning incentives, which would preserve or enhance designated resources or provide other public benefits.
5. Develop and maintain a balanced open space, park, and recreation system based on local human needs and natural features which preserve as many sites of natural significance as possible.
6. Promote the Local Waterfront Revitalization Program (LWRP) and educate the public regarding its policies.
7. Ensure the LWRP is referred to for all actions occurring within the LWRP boundaries.
8. Enforce the policies of the LWRP.
9. Maintain and update the LWRP as appropriate to ensure its policies remain viable and pertinent.
10. Develop a program to maintain and improve drainage channels.
11. Administer and enforce minimum requirements of the National Flood Insurance Program, enabling flood insurance to continue for property owners in the Town.
12. Request the Federal Emergency Management Agency to conduct a study of developing areas of the community and to establish areas of special flood hazard in advance of development.
13. Comply with Federal Phase II Stormwater Regulations.

Regulatory and Enforcement

Building Code Administration and Enforcement Chapter 220: The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard-related incidents. The Town complies with the New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code).

Coastal Erosion Hazard Areas Chapter 259: The Town of Hamlin administers a coastal erosion program in compliance with Article 34 of NYS Environmental Conservation Law. Specifically, it establishes and enforces procedures and development protocols to minimize or prevent structural damage from coastal flooding and erosion and to protect natural resources and protective features. These requirements affect only the Coastal Erosion Hazard Area associated with Lake Ontario.

Flood Damage Prevention Chapter 295: This chapter promotes the public health, safety, and general welfare of residents and seeks to minimize public and private losses caused by flood conditions and erosion. The chapter regulates development to promote flood-resistant structures and controls alteration of floodplains to prevent increased vulnerability.

Zoning Chapter 520: The Town of Hamlin's zoning code includes districts and standards pertaining to mitigation of hazards. These sections include the shoreline residential district, waterfront districts, and conservation overlays.

Fiscal

Operating Budget: The Town's operating budget contains minimal provisions for expected repairs such as snow removal and infrastructure repair after a storm or natural disaster.



Education and Outreach

Town of Hamlin staff attend trainings and classes sponsored by the Monroe County Department of Planning and Development, the Monroe County Office of Emergency Management, or by state and federal agencies, as able and to meet all professional requirements. Town emergency responders also have the option to attend courses at the Monroe County Public Safety Training Facility.

The Town of Hamlin also issues a newsletter at least two times per year, providing it the opportunity to share educational hazard information with residents. Copies of the newsletter are available for viewing on the Township website. The Conservation District published an article on the Emerald Ash Borer and potential issues in the fall 2012 issue. Although the Town maintains a Facebook page, it does not currently use social media to disseminate information on hazard preparedness. Residents have the ability, however, to sign up for reverse 911 cell phone notifications of emergencies through the Monroe County Emergency Communications Department.

9.11.6 Mitigation Strategy and Prioritization

This section discusses past mitigation actions and status and 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 2010 plan. 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 9.11-11. Past Mitigation Initiative Status

2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
ES-3: Establish an active Recruitment and Retention (of providers) Program.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
ES-4: Stockpile emergency supplies.	DPW	No Progress	Stockpile of sandbags and Gabions cages	Discontinue	Not a current Town priority
ES-5: Solicit “Mutual Aid” agreements.	DPW	Completed	DPW has agreements yearly with all Monroe County DPW	Discontinue; Project Completed	Project complete.
ES-6: Engage emergency service jurisdictions in local municipal government processes.	N/A	No Progress	N/A	Discontinue	Not Applicable to Town
NRP-1: Ensure proper disposal of Hazardous Waste.	DPW	Complete	Partnership with Monroe County	Discontinue; Project Completed	Project complete.
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	DPW/Fire Marshal/Code Enforcement Officer	Complete	100% all departments are aware of Town codes and apply/enforce them as necessary	Discontinue; Project Completed	Project complete. This is an integrated action.
NRP-3: Provide comprehensive inspection services. This may pertain to existing and/or new infrastructure.	DPW/Fire Marshal/Code Enforcement Officer	Complete	100% All departments provide inspections for applicable services on as needed basis	Discontinue; Project Completed	Project complete. This is an integrated action.
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	Code Enforcement Officer	In Progress	N/A	Discontinue	This is an integrated action.
NRP-5: Maintain “Urban Forests.”	N/A	No Progress	N/A	Discontinue	Not applicable to Town.





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
PEA-3: Review Utility Service & restoration plans.	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PEA-4: Identify and utilize a "Speakers Bureau."	N/A	No Progress	N/A	Discontinue	Not applicable to Town.
PP-1: Identify "special hazard" areas.	DPW/ Fire Marshal/ Code Enforcement Officer	Ongoing	Hazard areas are identified and as needed new areas are Addressed	Discontinue	This is an integrated action.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
PP-3: Solicit inter-municipal and interagency cooperation.	DPW	Complete	Have agreements with Monroe County and other Towns	Discontinue	This is an integrated action.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
PP-5: Property acquisition	N/A	No Progress	N/A	Discontinue	Not applicable to Town
PR-1: Enforce Building Code as required for existing and new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
PR-2: Comply with applicable federal and state regulations.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
PR-5: Regular review of Local Laws	N/A	No Progress	N/A	Discontinue	Not applicable to Town
SP-1: Disaster "proof" public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
SP-3: "Target Harden" facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
SP-4: Expand fiber telecommunications networks.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Dam-PEA-1: Churchville Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Dam-PEA-2: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fire-ES-1: Local Project. The Henrietta Fire District is developing a Special Operations Unit for Confined Space Rescue, Low and High-Angle	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Rescue, Water Rescue, and Trench Rescue.					
Fire-ES-2: Local Project. Continue to provide Emergency Medical Services to the community. The Churchville Volunteer Fire Department is the first responder agency to all medical emergencies in our community.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fire-PEA-1: Local Project. Henrietta Fire District develops and schedules an annual campaign for Fire Prevention using its mobile Fire Safety Trailer and a portable interactive kiosk at schools, community functions, and public facilities.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fire-PEA-2: Local Project. Churchville Volunteer Fire Department develops and schedules an annual campaign for Fire Prevention at schools, community functions, and public facilities using its interactive displays.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fire-PP-1: Encourage residential use of smoke detectors through public education, and “give away”	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
programs. This may pertain to existing and/or new infrastructure.					
Fire-SP-1: Local Project. Plan, design and develop enhanced, local facilities for on-site specialized emergency training.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-ES-4: Churchville Project. Enhance Fire Department Personnel Emergency Notification	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-ES-5: Churchville Project. Provide water rescue training and equipment e.g. Wet Suits and associated equipment.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-PEA-3: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-PP-1: Encourage affected property owners to purchase Flood Insurance.	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
This may pertain to existing and/or new infrastructure.					
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
FI-PP-4: Local Project. Town of Gates “Multi-Lot Letter of Map Amendment” for more than 100 homes that were mislabeled as residing in flood zones on FEMA maps (Democrat & Chronicle, 1.22.10).	N/A	No Progress	N/A	Discontinue	Not applicable to Town
FI-PP-5: Local Projects with the U.S. Army Corps of Engineers, “Risk Management Program.” Levy inspection, safety analysis and maintenance requirements (SEMO Region V meeting, 7.29.08).	N/A	No Progress	N/A	Discontinue	Not applicable to Town
FI-PR-1: Implement an annual, “Waterway/Drainage Maintenance” Program	N/A	No Progress	N/A	Discontinue	Not applicable to Town
FI-PR-5: Local Project. Implement an annual de-silting program in the Town of Henrietta, to increase the storage capacity for storm water detention and	N/A	No Progress	N/A	Discontinue	Not applicable to Town



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
retention ponds. This may pertain to existing and/or new infrastructure.					
Fl-PR-6: Local Project. Town of Greece drainage study on Fleming and Veness creeks between Latta Road, Windsor Blvd., Denise Road and Dewey Ave. (Democrat & Chronicle, 1.3.10).	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-SP-1: Local Project. Implement mitigation measures for Irondequoit Creek, as identified by the U.S. Army Corps of Engineer’s 2003 proposal, and as agreed by local parties. (reference – Democrat & Chronicle, 3-2-03). This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Fl-SP-5: Local Project. Design and build a regional detention facility upstream	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma. This may pertain to existing and/or new infrastructure.					
FI-SP-6: Local Project. Town of Parma bridge replacement on Hill Road (Town ROW), over Salmon Creek to raise the bridge approaches from the floodplain, to increase the freeboard elevation, to decrease backwater, and to meet 50-year storm construction standards. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
FI-SP-7: Local Project. Town of Henrietta replace road culverts to improve flow and reduce flooding potential on Parkmeadow Drive, Tomahawk Trail and Colleen Way. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-ES-2: Regularly review restoration priorities	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-ES-3: Enhance utility "Town Liaison" Program	N/A	No Progress	N/A	Discontinue	Not applicable to Town



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-NRP-1: Churchville Project. Replace trees (forestation) in Village of Churchville that were destroyed by various storm events.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PEA-6: Expand information available on websites	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PR-1: Implement an "Annual, Tree/Stream Maintenance Program"	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PR-2A: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PR-2B: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, "Call Before You Dig."	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Land-PR-1: Local Project. Enact Local Laws: to restrict development on steep slopes; to require property owners and/or mine operators to rehabilitate open mines at closing. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town





2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
SC-PR-1: Local Project. Enact Local Laws that require property owners to demolish and remove unsafe structures from their property(ies). This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Terr-PP-1: Implement a strategy to “target harden” critical and public facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Terr-PR-3: Schools Project. Comply with Project Save regulations for plan review and revision cycles.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Trans-ES-1: Local Project. The Town of Henrietta’s Highway “Snow & Ice Control” Program is testing treated road salt for benefits associated with its application to enhance the capacity of normal road salt.	N/A	No Progress	N/A	Discontinue	Not applicable to Town



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 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)?	Next Step (Include in 2017 HMP? or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	N/A	No Progress	N/A	Discontinue	Not applicable to Town
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	DPW	Complete	Back-up generator in highway garage, local budget	Discontinue	Project completed
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply from the national power grid during major failures, e.g. August 14, 2003. This may pertain to existing and/or new infrastructure.	N/A	No Progress	N/A	Discontinue	Not applicable to Town
WSC-PR-1: Provide redundant back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing and/or new infrastructure.	DPW	No Progress	Use generator on trailer to power pump station, going to purchase automatic generator in 2016	Include in 2017 HMP	Reword action to reflect current status and goals



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

The Town of Hamlin has identified the following mitigation projects and activities that have also been completed but were not identified in the previous mitigation strategy in the 2010 plan:

- None noted

Proposed Hazard Mitigation Initiatives for the Plan Update

FEMA Region II led a meeting for all Monroe County municipalities in November 2015 to discuss the purpose, goals, and long-term benefits of identifying mitigation actions to include in the updated HMP. FEMA provided handouts on creating a functionally diverse jurisdictional planning team, guidance for identifying integration actions, and guidelines for completing an action worksheet for jurisdictions to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards.

Additionally, Monroe County hosted two Annex Workshops in December 2015 to assist municipalities in completing their jurisdictional annexes, including identifying mitigation projects and developing action worksheets. All jurisdictions were provided with a set of sample mitigation actions that satisfied County goals of addressing all hazards and representing all six CRS categories, along with a refresher instruction sheet on how to complete an action worksheet and an example of a completed action worksheet.

In January 2016, Monroe County jurisdictions were provided the results of the municipal risk assessment to further assist with development of their mitigation strategies. Throughout the planning process, jurisdictions had access to mitigation planners who were available to assist with development of the jurisdictional annexes, including the mitigation strategy and action worksheets, as necessary.

Table 9.11-12 summarizes the comprehensive-range of specific mitigation initiatives the Town of Hamlin 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 depend on 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. A numeric rank is assigned (-1, 0, or 1) for each new mitigation action for each of the 14 evaluation criteria to assist with prioritizing your actions as “High,” “Medium,” or “Low.” The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.11-13 provides a summary of the prioritization of all proposed mitigation initiatives for the plan update.



Table 9.11-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
THm-1	Purchase automatic generator to provide redundant power to pump station.	Existing	All	1, 2, 3	DPW	High	High	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County	Short-Term	Medium	SIP	PP, ES
THm-2	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	Existing	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure	1, 3, and 4	Town Clerk	High	Low	Operating budget	OG	High	EAP	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:

CAV Community Assistance Visit
 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
 NYS DHSES New York State Division of Homeland Security and Emergency Services

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program
 HMGP Hazard Mitigation Grant Program
 PDM Pre-Disaster Mitigation Grant Program
 RFC Repetitive Flood Claims Grant Program (discontinued)
 SRL Severe Repetitive Loss Grant Program (discontinued)

Timeline:

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





Acronyms and Abbreviations:

OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

Timeline:

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:

- 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:

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:

- 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 actions minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These actions 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 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 9.11-13. 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
THm-1	Purchase automatic generator to provide redundant power to pump station.	1	1	1	0	1	1	-1	0	1	1	1	1	0	0	8	Medium
THm-2	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	1	1	1	1	1	1	1	0	1	-1	1	1	1	1	11	High

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



9.11.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.11.8 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Hamlin that illustrate the probable areas affected within the municipality. These maps are based on the best available data when this plan was prepared and are considered adequate for planning purposes. Maps have been generated only for those hazards (wildfire, landslide, and flooding) that can be clearly identified using mapping techniques and technologies and for which the Town of Hamlin has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this plan.

9.11.9 Additional Comments

None at this time.



Figure 9.11-1. Town of Hamlin Wildfire and Landslide Hazard Area Extent and Location Map

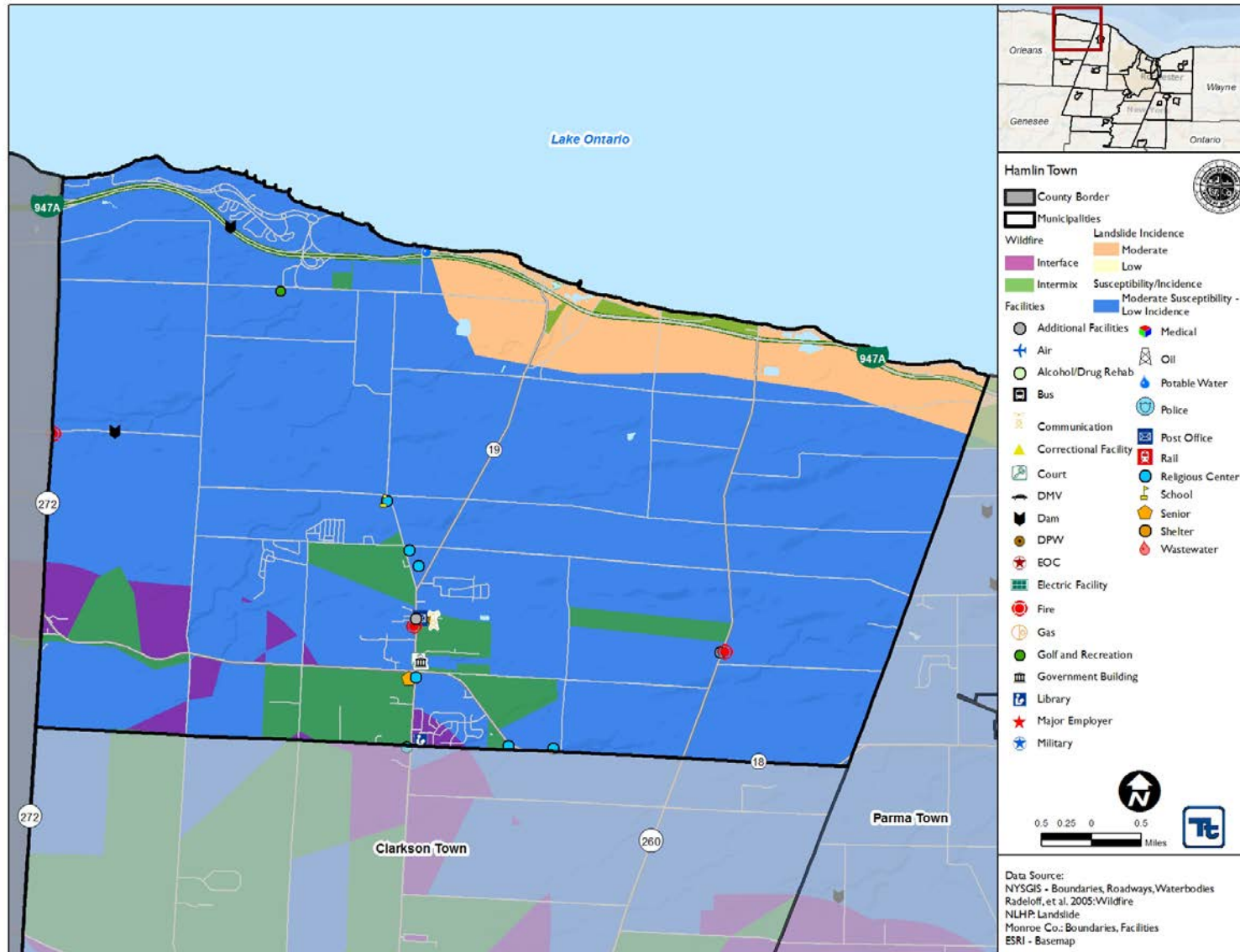
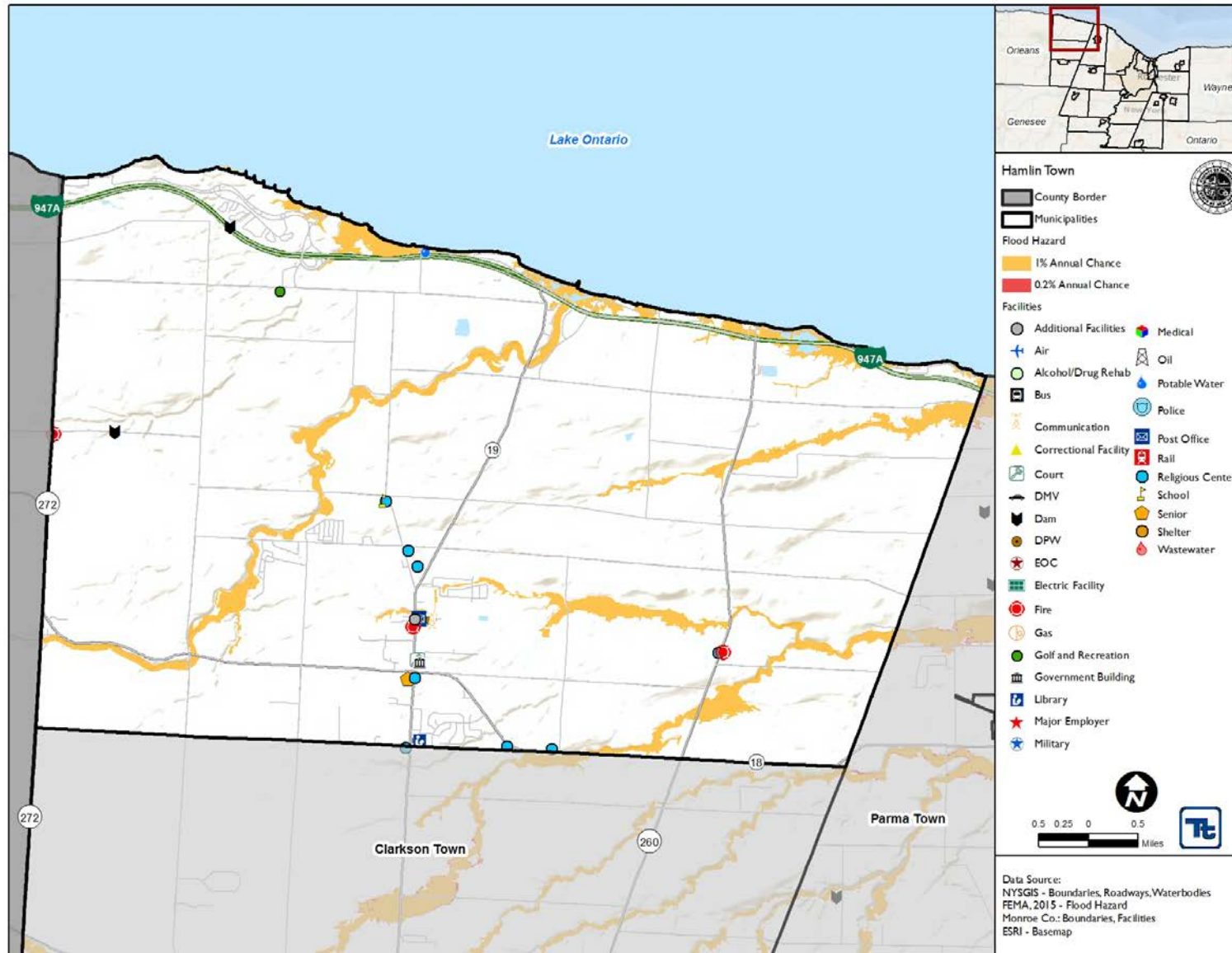




Figure 9.11-2. Town of Hamlin Hazard Area 1% and 0.2% Floodplain Map





Name of Jurisdiction:	Town of Hamlin
Action Number:	THm-1
Mitigation Action Name:	Purchase automatic generator to provide redundant power to pump station.

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Pump station does not currently have backup power, increasing possibility for service interruptions during hazard events.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none"> 1. Do nothing – Vulnerability continues or worsens 2. Purchase automatic generator – Selected action
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase automatic generator to provide redundant power to pump station.
Mitigation Action Type	SIP
Goals Met	1, 2, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	Medium
Plan for Implementation	
Responsible Organization	DPW
Local Planning Mechanism	--
Potential Funding Sources	FEMA (HMGP, FMA, PDM), CDBG, NYS DHSES, County
Timeline for Completion	Short-Term
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number: THm-1

Mitigation Action Name: Purchase automatic generator to provide redundant power to pump station.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduce risk of possible secondary public health incidents from service interruptions.
Property Protection	1	Reduce risk of property damage to pump station.
Cost-Effectiveness	1	Most cost-effective project option.
Technical	0	
Political	1	Supported by community.
Legal	1	
Fiscal	-1	Requires external funding.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	Short-Term
Agency Champion	0	
Other Community Objectives	0	
Total	8	
Priority (High, Med, or Low)	Medium	