

## 9.16 TOWN OF MENTZ

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

### A.) HAZARD MITIGATION PLAN POINT OF CONTACT

Primary Point of Contact	Alternate Point of Contact
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### B.) PROFILE

#### Population

According to the 2010 U.S. Census, the estimated Town of Mentz population was 2,378. The Town of Mentz is one of the 23 towns in Cayuga County.

#### Location

The Town of Mentz is located in central Cayuga County, sharing its borders with the towns of Conquest to the north, Cato to the northeast, Brutus to the east, Throop to the south, and Montezuma to the west. The town is bounded on the north by the Seneca River and Erie Canal.

#### Brief History

Like many other towns in Cayuga County, Mentz was formed on land once reserved as part of the Central New York Military Tract, used to compensate veterans of the Revolutionary War. Prior to European-American settlement, the land is said to have been part of the native territory of the local Iroquois tribe. The first non-native settlements occurred on the land in 1789, and the Town of Aurelius was established that same year on land including present day Mentz. In 1802, Mentz was first established as the Town of Jefferson. The Town of Mentz given its current name in 1808 and permanent settlers arrived two years later. In 1859, the town relinquished some of its land to form the Towns of Montezuma and Throop (Storke, 1879).

#### Governing Body Format

Home rule is strong in New York State and thus, each town and village has its own governing body. Towns are made up of a Town Board and Supervisor. Along with town and village roads, any public water and sewer systems are operated by the local municipality, though they may cooperate with County departments. Each municipality has charge over its own planning and zoning and uses Cayuga County personnel as a resource (Cayuga County, 2010).

#### Growth/Development Trends

The jurisdiction noted that there is no major residential/commercial development or major infrastructure development that has been identified at this time for the next five (5) years in the municipality.

## C.) NATURAL HAZARD EVENT HISTORY

Cayuga County has a history of natural hazard events as detailed in Volume I, Section 5 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events affecting Cayuga County and its municipalities. Below is presented a summary of historical events to indicate the range and impact of natural hazard events in Cayuga County. Specific damages have been indicated if available from reference or local sources.

Type of Event	FEMA Disaster # (if applicable)	County Designated?	Date	Approximate Damage Assessment
Flood in Moravia			6/1/1905	
Steamship Frontenac fire south of Union Springs			6/27/1907	
Severe Flooding along Cayuga Lake			4/1916	
Spanish Influenza			1918 — 1919	
Riots at Auburn Prison			1929	
Hislops fire in Auburn			12/1931	
Floods in Moravia & Locke			7/1/1935	
Gasoline leak & explosion in Auburn			3/30/1960	
Gasoline spill in Auburn			9/ 1960	
Gasoline spill			5/1966	
Dutch Elm			1960's	Disease kills thousands of trees in City and Villages
Tropical Storm Agnes	DR-338	Y – IA, PA	6/1972	Auburn's Mill Street dam washed out, Owasco Lake dam weakened, Cayuga Lake rises 1.25 feet higher than 1916 level
High Winds/Wave Action/Flooding	DR-367	Yes - IA, PA	3/21/1973	
Gasoline tanker			4/10/1975	
Hurricane Eloise /Severe Storm, Heavy Rain, Landslide/Flooding	DR-487	Yes - IA, PA	9/1975	Caused severe damage in Moravia and Locke
10,000 gallon gasoline spill at Agway in Auburn			9/11/1977	
Ice Jam in Port Byron			2/1979	Evacuated homes and closes schools. County Highway Department helped.
Flooding in Moravia and Locke			10/1981	

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Type of Event	FEMA Disaster # (if applicable)	County Designated?	Date	Approximate Damage Assessment
Radiation incident at Austeel (dental scrap)			1980's	
Blizzard followed by lake and river flooding in April	EM-3107	Yes - PA	3/17/1993	Blizzard followed by lake and river flooding in April
Dunn & McCarthy fire in Auburn.			11/1993	
Ice jam flooding in Port Byron			1/ 1994	Evacuated homes and closes schools. County was involved.
County-wide flooding	DR-1095	Yes - IA, PA	1/19/1996	1 death (MVA).
Street flooding in Moravia and Locke	DR-1148	No	11/1996	
Tornado(s) in Niles and Moravia	DR-1222 DR-1233	No	Summer 1998	
Labor Day storm	DR-1244	Yes - IA, PA	9/1998	Damage included scattered power outages, closed roads due to debris, downed trees, and snow. Trees in cemetery were damaged and others were downed on the sides of roads. The middle abutments on Green Street and Mill Street Bridges were removed, which hindered the flow of water. Ball and school fields were also damaged.
USDA declared Drought (t40329)			8/1999	
Road flooding in King Ferry		No	6/2000	
Flood			5/2002	Road flooding in Union Springs and Meridian.
Landslide along Seneca River near Cross Lake in Town of Cato.			2/2003	
Ice storm	DR-1467	Yes - IA, PA	4/2003	3 deaths in Cayuga County.
NE blackout.	EM-3186	Yes - PA	8/23/2003	
Snow emergency declared	EM-3195	Yes - PA	1/2004	
Flooding triggered by snow melt and rain.	DR-1589	Yes - PA	4/2005	
Severe Storms and Flooding	DR 1650	No	June 26 2006 — July 1, 2006	
Severe Storms and Flooding	DR 1670	No	November 16-17, 2006	
April Nor'easter	DR 1692	No	April 18, 2007	
Severe Storms and Flooding	DR 1710	No	June 19, 2007	



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Type of Event	FEMA Disaster # (if applicable)	County Designated?	Date	Approximate Damage Assessment
Severe Storms and Flooding	DR 1857	No	August 9, 2009	
Severe Storms and Flooding	DR 1993	No	April 26, 2011— May 8, 2011	
Severe Storms and Flooding	EM 3328	No	August 26, 2011	
Hurricane Irene	DR 4020	No	August 26, 2011— September 5, 2011	
Severe Storms, Flooding, Tornadoes, and Straightline Winds	EM 3341	No	September 7-8, 2011	
Remnants of Tropical Storm lee	DR 4031	No	September 7-11, 2011	

Note: N/A = Not applicable

## D.) NATURAL HAZARD RISK/VULNERABILITY RISK RANKING

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Flood	1% Annual Chance: \$232,933 0.2% Annual Chance: \$260,326	Frequent	21	Medium
Severe Storm	100-Year MRP: \$0 500-Year MRP: \$1,306 Annualized Loss: \$40	Frequent	18	Medium
Severe Winter Storm	1% of GBS: \$420,265 5% of GBS: \$2,101,323	Frequent	48	High
Transportation	Not available	Frequent	21	Medium
Ground Failure	Karst Exposure \$0 Moderate Incidence \$0 Moderate Susceptibility \$0	Rare	6	Low

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. High = Total hazard priority risk ranking score of 30 and above  
Medium = Total hazard priority risk ranking of 15-29  
Low = Total hazard risk ranking below 15
- c. The valuation of general building stock and loss estimates was based on custom inventory for Cayuga County.
- d. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
- e. Loss estimates for the flood hazard represents both structure and contents.

**E.) CAPABILITY ASSESSMENT**

This section identifies the following capabilities of the local jurisdiction:

- Legal and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community resiliency
- Community political capability
- Community classification.

The town indicates that it has limited planning, regulatory, administrative, technical, fiscal, community resiliency, (all of which are limited due to current finances) and community political capability. The Town did not indicate its willingness and/or political capability to enact policies or programs to reduce hazard vulnerabilities in the community.

## E.1) Legal and Regulatory Capability

Regulatory Tools (Codes, Ordinances., Plans)	Do you have this? (Y or N)	Enforcement Authority	Code Citation (Section, Paragraph, Page Number, Date of adoption)
1) Building Code	Y	Local Code Enforcement Office	NY State Code
2) Zoning Ordinance	Y	Local Code Enforcement Office	1968/1969
3) Subdivision Ordinance	Y	Local Code Enforcement Office; Planning Chair	1968/1969
4) NFIP Flood Damage Prevention Ordinance	Y	Town Building Inspector; Code Enforcement Official	
4a) Cumulative Substantial Damages			
4b) Freeboard			
5) Growth Management	Y	Local	Code and Zoning Ordinance 1999
6) Floodplain Management / Basin Plan	Y	Local Code Enforcement Office	
7) Stormwater Management Plan/Ordinance	N		
8) Comprehensive Plan / Master Plan/ General Plan	Y	Local Code Enforcement Office	1966, 1999, and update in progress
9) Capital Improvements Plan	N		
10) Site Plan Review Requirements	Y	Local	Planning Board
11) Open Space Plan	N		
12) Stream Corridor Management Plan	N		
13) Watershed Management or Protection Plan	N		
14) Economic Development Plan	N		
15) Comprehensive Emergency Management Plan	Y	Town Supervisor	Amended Article 2B Section 23 1995 Cayuga County Emergency Management
16) Emergency Response Plan	N		
17) Post Disaster Recovery Plan	N		
18) Post Disaster Recovery Ordinance	N		

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Regulatory Tools (Codes, Ordinances., Plans)	Do you have this? (Y or N)	Enforcement Authority	Code Citation (Section, Paragraph, Page Number, Date of adoption)
19) Real Estate Disclosure Requirement	N	State	State Requirement
20) Other [Special Purpose Ordinances (i.e., critical or sensitive areas)]	N		



## E.2) Administrative and Technical Capability

Staff/ Personnel Resources	Available (Y or N)	Department/ Agency/ Position
1) Planner(s) or Engineer(s) with knowledge of land development and land management practices	Y	B+L Engineers
2) Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Y	B+L Engineers
3) Planners or engineers with an understanding of natural hazards	N	
4) NFIP Floodplain Administrator	Y	Present CEO working towards CFM
5) Surveyor(s)	N	
6) Personnel skilled or trained in "GIS" applications	N	
7) Scientist familiar with natural hazards	N	
8) Emergency Manager	N	
9) Grant Writer(s)	Y	Nancy Sumner, Thoma
10) Staff with expertise or training in benefit/cost analysis	N	

## E.3) Fiscal Capability

Financial Resources	Accessible or Eligible to use (Yes/No/Don't know)
1) Community Development Block Grants (CDBG)	Y – Town Board
2) Capital Improvements Project Funding	N
3) Authority to Levy Taxes for specific purposes	Y – Town Board
4) User fees for water, sewer, gas or electric service	N
5) Impact Fees for homebuyers or developers of new development/homes	N
6) Incur debt through general obligation bonds	Y – Town Board
7) Incur debt through special tax bonds	N
8) Incur debt through private activity bonds	N
9) Withhold public expenditures in hazard-prone areas	N
10) State mitigation grant programs (e.g. NYSDEC, NYCDEP)	Y – Town Board
11) Other	

#### E.4) Community Classifications

Program	Classification	Date Classified
Community Rating System (CRS)		
Building Code Effectiveness Grading Schedule (BCEGS)	69.59 Com. 65.92 Residential	12/10
Public Protection		
Storm Ready		
Firewise	4	2011

N/A = Not applicable. NP = Not participating. - = Unavailable.

The classifications listed above relate to the community's effectiveness in providing services that may impact its vulnerability to the natural 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 one (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 1000 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 <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/>

## F. MITIGATION STRATEGY

### F.1) Past Mitigation Actions/Status

The town has incorporated the following actions into its planning and land use mechanisms:

- Owasco River Outlet is monitored better than it once had been, but the Town cannot control the depth of the water which affects the flow/movement/erosion/etc.

### F.2) Hazard Vulnerabilities Identified

The jurisdiction identified windstorms, ice storms, and snowstorms as the hazard problems within the community. Specific problem areas include:

Owasco Outlet

- Potential of flooding due to increase flow
- Possibility of blockages by fallen tree limbs

**New York Central Bridge on New York Central Road**

- Original bridge built in 1968, others built at the same time have already been replaced.
- “The primary elements that compose the bridge deteriorated and warrant a complete replacement of the bridge” (NYSDOT 2012 letter to the Town)
- Bridge is currently “yellow tagged” and is impassible to anything over 5 tons, which means school buses must re-route.
- A POA was done by B&L on 3/3/2009 regarding the replacement.

**Pedestrian Bridge and Property on Owasco Outlet**

- Abandoned property on a small island/ peninsula only accessible by pedestrian bridge
- Land recently declared within a floodplain

The Cayuga County Soil and Water Conservation District (SWCD) has identified the following vulnerabilities for the Town of Mentz, and has proposed hazard mitigation initiatives corresponding to these vulnerabilities, as shown in Section F.3 of this annex:

- Crane Brook, a tributary that flows to the Seneca River, has been identified as having erosion issues. After heavy rainfall events, the swell of the stream erodes the banks and causes significant damage. As the banks deteriorate, cropland and other property is lost. The predominant land use adjacent to the watercourse is agriculture and residential. Streambank erosion is a primary concern, particularly during heavy rain events or during the spring melt.
- Owasco Lake is a major Finger Lake located entirely within Cayuga County. It supplies drinking water to the City of Auburn and several towns within Cayuga County. Lake levels are controlled by the City of Auburn. However, in the event of a major storm, water levels could rise above normal stages and threaten lakeshore properties and homes. This could also lead to contamination of the drinking water supply, as pollutants could overwhelm the water filtration plant’s capabilities. Land use in the area includes residential areas and agriculture. Recreation areas, steep slopes and certain beaches on parts of the lake may require stabilization. The Cayuga County SWCD has worked on many such projects on the lake in the past, as well as dredging in areas that have received heavy siltation.
- Veness Brook, a flashy watercourse that flows to Owasco Lake, is prone to flooding and erosion concerns. After heavy rainfall events, the swell of the stream erodes the banks and causes significant damage. As the banks deteriorate, cropland is lost. The predominant land use adjacent to the watercourse is agriculture. Residential development is also steadily expanding in the area. Streambank erosion is a primary concern, particularly during heavy rain events or during the spring melt.

## NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Polices in 100-year Boundary (3)	# Polices in 500-Boundary (3)	# Policies Outside the 500-year Flood Hazard (3)
Mentz (T)	1	3	\$12,359	0	0	1	0	0

Source:

- (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, in June 2012 using the "Comm\_Name". These statistics are current as of June, 2012. Please note the total number of repetitive loss properties includes the severe repetitive loss properties.
- (2) Total building and content losses from the claims file provided by FEMA Region 2 (current as of June, 2012).
- (3) The policy locations used are based on the latitude and longitude provided by FEMA Region 2.

It is estimated that in the Town of Mentz, 62 residents live within the 1% annual chance flood area (NFIP Special Flood Hazard Area). Of the municipality's total land area, 15.1% is located within the 1% annual chance flood area. \$2,298,815 (3.2%) of the municipality's general building stock replacement cost value (structure and contents) is located within the 1% annual chance flood area. There are 1 NFIP policies in the community and there are 1 policies located within the 1% annual chance flood area. FEMA has identified 0 Repetitive Loss (RL) including 0 Severe Repetitive Loss (SRL) properties in the municipality.

HAZUS-MH estimates that for a 1% annual chance flood, \$232,933 (0.3%) of the municipality's general building stock replacement cost value (structure and contents) will be damaged and 290 tons of debris could be generated. HAZUS-MH estimates no damage or loss of use to critical facilities in the community as a result of a 1% annual chance flood event. In some cases, a facility may be located in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be 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.

Please refer to the Hazard Profiles for additional vulnerability information relevant to this jurisdiction.

## F.3) PROPOSED HAZARD MITIGATION INITIATIVES

Note some of the identified mitigation initiatives in Table F 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.

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
MN-1	Replace bridge on New York Central Road with a freespan to reduce ice jamming and flood hazards. NYSDOT states “the primary elements that compose the bridge deteriorated and warrant a complete replacement of the bridge.” Catastrophic failure of the existing bridge might damage CSX embankment and/or the bridge itself.	Existing	Flood, Transportation	1-1 1-2 3-5	Municipality, NYSDOT	High - reduces flood risk to two critical facilities; the railroad and the treatment plant.	High	HMA	Long Term	High	PP, SP
MN-2	Flood control measures at the Owasco River Outlet: The Owasco River Outlet is monitored better than it once had been, but the Town cannot control the depth of the water which affects the flow/movement/erosion/etc.	N/A	Flood	1-5 4-1 4-2 4-4	Cayuga SWCD, NYSDEC, County	High	High	Federal Grant programs	Long Term DOF	Medium	NR
MN-3	Assist in the acquisition of the abandoned property over the pedestrian bridge on the Owasco Outlet. Propose the transformation of property in the floodplain into a natural park area.	Existing	Flood	1-2 1-9 4-2	Cayuga SWCD, Municipality	Medium	High	HMA grants	Long Term DOF	Medium	PP
MN-4	The Cayuga SWCD proposes to complete	Existing	Flood	4-1 4-2	Cayuga SWCD;	High	High	HMA grants,	Long Term	Medium	NR

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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
	bank stabilization as needed along the Crane Brook watercourse. Protecting the banks from erosion and removing excess gravel and debris from the watercourse will allow the main flow of the water to remain in the channel. Enhancement of the floodplain will also lead to a reduction of damage during a major storm event. Significant losses to valuable agricultural land, forestland and property would be mitigated.			4-3 4-4	NYSDEC; USACE;			State, County, local funding	DOF		
MN-5	The Cayuga SWCD proposes to complete bank stabilization along the Owasco lakeshore and throughout the immediate unnamed smaller tributaries that flow into the lake, as needed. The reduction of soil loss would also be beneficial for the water quality of Owasco Lake as a result of the reduction of nutrient rich soil particles entering the Lake.	Existing	Flood	4-1 4-2 4-3 4-4	Cayuga SWCD; NYSDEC; USACE;	High	High	HMA grants, State, County, local funding	Long Term DOF	Medium	NR
MN-6	The Cayuga SWCD proposes to complete bank stabilization along a few reaches of the Veness Brook watercourse. Protecting the banks from erosion and removing excess gravel and debris	Existing	Flood	4-1 4-2 4-3 4-4	Cayuga SWCD; NYSDEC; USACE;	High	High	HMA grants, State, County, local funding	Long Term DOF	Medium	NR



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	from the watercourse will allow the main flow of the water to remain in the channel. Areas where improvements can be made to enhance the streams' ability to reach its' floodplain will also be investigated and potential projects proposed. Significant losses to valuable agricultural land, forestland and property would be mitigated. The reduction of soil loss would also be beneficial for the water quality of Owasco Lake as a result of the reduction of nutrient rich soil particles entering the Lake.										
MN-7	Develop a comprehensive beaver management plan along flood prone streams and marshes in the town.	Both	Flood	1-1 4-1 4-2 4-3 4-4	Municipality with support from County and NYSDEC	M	L	Municipal Budget	Short	High	NR
MN-8	Develop a debris control plan for all protected and unprotected streams in Cayuga County, and work with County agencies, towns, villages, and homeowners to implement.	Both	Flood	1-1 4-1 4-2 4-3 4-4	County, Municipality	H	L	County, grants, municipal budget funded	Short	High	NR
MN-9	Conduct and facilitate community and public education and outreach for residents and businesses to include, but not be limited to, the following to promote and effect natural hazard risk reduction:	N/A	All Hazards	2-1 2-2 2-3 2-4 2-5	Municipality with support from Planning Partners, County Planning, NYSOEM, FEMA	Medium	Medium	Municipal Budget, HMA programs with local or county match	Short Term	High	PE



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	<ul style="list-style-type: none"> <li>Provide and maintain links to the HMP website, and regularly post notices on Cayuga County/municipal homepage(s) referencing the HMP webpages.</li> <li>Prepare and distribute informational letters to flood vulnerable property owners and neighborhood associations, explaining the availability of mitigation grant funding to mitigate their properties, and instructing them on how they can learn more and implement mitigation.</li> <li>Work with neighborhood associations, civic and business groups to disseminate information on flood insurance and the availability of mitigation grant funding.</li> </ul>										
MN-10	Improve communication systems.	N/A	All Hazards	3-3 3-7	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget	Short	Medium	ES PR
MN-11	<p>Develop programs/procedures to capture and archive loss data from events. Examples include:</p> <ul style="list-style-type: none"> <li>Record location and length of roadway closures;</li> <li>Develop a database of residential and commercial property damage, including permit history for such repairs;</li> <li>High water marks, perhaps painting phone poles with high water marks and or regulatory</li> </ul>	N/A	All Hazards	1-3 1-4	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget	Short	Medium	PR



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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
	Base Flood Elevations (BFEs).										
MN-12	Obtain and install backup power sources at critical facilities, including a generator for the Town Office.	N/A	All Hazards	3-3 3-5	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget	Short	Medium	ES
MN-13	<p>Participate in local, county and/or state level projects and programs to develop improved structure and facility inventories and hazard datasets to support enhanced risk assessment efforts. Such programs may include developing a detailed inventory of critical facilities based upon FEMA's Comprehensive Data Management System (CDMS) which could be used for various planning and emergency management purposes including:</p> <ul style="list-style-type: none"> <li>Support the performance of enhanced risk and vulnerability assessments for hazards of concern.</li> <li>Support state, county and local planning efforts including mitigation (including updates to the State HMP), comprehensive emergency management, debris management, and land use.</li> </ul> <p>Improved structural and facility inventories could incorporate flood, wind and seismic-specific parameters (e.g. first floor elevations, roof types, structure types based on FEMA-154 "Rapid Visual Screening of Buildings for Potential Seismic Hazards")</p>	N/A	All Hazards	1-1 1-3 1-4	Hazard Mitigation Plan Coordinator	Medium-High	Medium-High	FEMA Mitigation Grant Programs with local match	Long Term DOF	Medium	PR



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	methodologies). It is recognized that these programs will need to be initiated and supported at the County and/or State level, and will require training, tools and funding provided at the county, state and/or federal level.										
MN-14	Support ongoing updates of Comprehensive Emergency Management Plans	New and Existing	All Hazards	1-6	Municipality with support from County Emergency Management	Low	Low	Municipal Budget	On-going	High	PR
MN-15	Create/Enhance/Maintain Mutual Aid agreements with neighboring communities for continuity of operations	N/A	All Hazards	3-2 3-5 3-6 3-7	Municipality with support from County, NYSOEM, FEMA and surrounding communities	Medium	Low	Municipal Budget	Short Term	High	PR, ES
MN-16	Identify and develop agreements with entities that can provide support with FEMA/SOEM paperwork after disasters; qualified damage assessment personnel – Improve post-disaster capabilities – damage assessment; FEMA/SOEM paperwork compilation, submissions, record-keeping	N/A	All Hazards	3-7	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget	Short Term	Medium	PR, ES
MN-17	Work with regional agencies (i.e. County and NYSOEM) to help develop damage assessment capabilities at the local level through such things as training programs, certification of qualified individuals (e.g. code officials, floodplain managers, engineers).	N/A	All Hazards	3-6 3-7	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget, FEMA HMA and HLS grant programs	Short-Long Term DOF	Medium	PR
MN-18	Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in	New and Existing	All Hazards	3-1 3-5	Municipality with support from Planning Partners,	High	Low – High (for 5 year update)	Municipal Budget, FEMA planning	On-going	High	PR



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	Section 7.0				County Planning, NYSOEM, FEMA			grants			
MN-19	Maintain compliance with and good-standing in the NFIP including adoption and enforcement of floodplain management requirements (e.g. regulating all new and substantially improved construction in Special Hazard Flood Areas), floodplain identification and mapping, and flood insurance outreach to the community. Further, continue to meet and/or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified as Initiatives below.	N/A	Flood, Severe Storm	1-4 1-6 1-7 4-3	Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from NYSOEM, FEMA	High	Low-Medium	Municipal Budget	Ongoing	High	PR, PE
MN-20	Obtain and archive elevation certificates	N/A	Flood, Severe Storm	1-4 1-6	NFIP Floodplain Administrator	Medium	Low	Municipal Budget	On-going	High	PR
MN-21	Promote the participation of Floodplain Administrators within the planning process and other activities.	N/A	Flood	1-4 1-7	Municipality with support from County, NYSOEM and FEMA	Medium	Medium	Municipal Budget	Short	Medium	PR
MN-22	Implement permit fee waivers for installation of backup power for private property.	N/A	Severe Storm	2-4 2-5	Municipal Council	Medium	Low	Municipal Budget	Short	H	PR
MN-23	Provide public education and outreach on proper installation and/or use of backup power	N/A	Severe Storm	2-1 2-2	Municipal Clerk	Medium	Low	Municipal Budget	Short	H	PR

Notes:

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

**Acronyms and Abbreviations:**

ARC American Red Cross  
 DPW Department of Public Works  
 FEMA Federal Emergency Management Agency  
 HMA Hazard Mitigation Assistance



HMP	Hazard Mitigation Proposal
N/A	Not applicable
NFIP	National Flood Insurance Program
NYSOEM	New York State Office of Emergency Management
NOAA	National Oceanic and Atmospheric Administration
SWCD	Cayuga County Soil and Water Conservation District
USACE	U.S Army Corp of Engineers
USGS	U.S. Geological Survey

**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.

**Potential FEMA HMA Funding Sources:**

PDM = Pre-Disaster Mitigation Grant Program

FMA = Flood Mitigation Assistance Grant Program

RFC = Repetitive Flood Claims Grant Program

SRL = Severe Repetitive Loss Grant Program

HMGP = Hazard Mitigation Grant Program

**Timeline:**

Short = 1 to 5 years. Long Term= 5 years or greater. OG = On-going program.

DOF = Depending on funding.

**Notes (for Mitigation Type):**

1. PR=Prevention: Government, administrative or regulatory actions or processes that influence the way land and buildings are developed and built Examples of these are acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.



2. PP= Property Protection: These actions also 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 planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
3. PE=Public Education and Awareness: 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 school-age and adult education programs.
4. NR=Natural Resource Protection: 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.
5. SP=Structural Projects: 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.
6. ES=Emergency Services: 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.

## G.) PRIORITIZATION OF MITIGATION INITIATIVES

Initiative #	# of Objectives Met	Benefits	Costs	Do Benefits equal or exceed Costs? (Yes or No)	Is project Grant eligible? (Yes or No)	Can Project be funded under existing programs/budgets? (Yes or No)	Priority (High, Med., Low)
MN-1	3	H	H	N	Y	N	H
MN-2	4	H	H	Y	Y	N	M
MN-3	3	H	H	Y	Y	N	M
MN-4	4	H	H	Y	Y	N	M
MN-5	4	H	H	Y	Y	N	M
MN-6	4	H	H	Y	Y	N	M
MN-7	5	M	L	Y	Y	Y	H
MN-8	5	M	L	Y	Y	Y	H
MN-9	5	M	M	Y	Y	N	H
MN-10	2	M	M	Y	Y	Y	M
MN-11	2	M	M	Y	Y	Y	M
MN-12	2	M	M	Y	Y	Y	M
MN-13	3	M	M	Y	Y	N	M
MN-14	1	L	L	Y	N	Y	H
MN-15	4	M	L	Y	N	Y	H
MN-16	1	M	M	Y	N	Y	M
MN-17	2	M	M	Y	Y	N	M
MN-18	2	H	L	Y	Y	N	H
MN-19	4	H	L	Y	N	Y	H
MN-20	2	M	L	Y	N	Y	H
MN-21	2	M	M	Y	N	Y	M
MN-22	2	M	L	Y	N	Y	H
MN-23	2	M	L	Y	N	Y	H

Notes: H = High. L = Low. M = Medium. N = No. N/A = Not applicable. Y = Yes.

**Explanation of Priorities**

High Priority = A project that meets multiple objectives (i.e., multiple hazards), benefits exceeds cost, has funding secured or is an on-going project and project meets eligibility requirements for the Hazard Mitigation Grant Program (HMGP) or Pre-Disaster Mitigation Grant Program (PDM) programs. High priority projects can be completed in the short term (1 to 5 years).

Medium Priority = A project that meets goals and objectives, benefits exceeds costs, funding has not been secured but project is grant eligible under, HMGP, PDM or other grant programs. Project can be completed in the short term, once funding is completed. Medium priority projects will become high priority projects once funding is secured.

Low Priority = Any project that will mitigate the risk of a hazard, benefits do not exceed the costs or are difficult to quantify, funding has not been secured and project is not eligible for HMGP or PDM grant funding, and time line for completion is considered long term (1 to 10 years). Low priority projects may be eligible other sources of grant funding from other programs. A low priority project could become a high priority project once funding is secured as long as it could be completed in the short term.

Prioritization of initiatives was based on above definitions: Yes

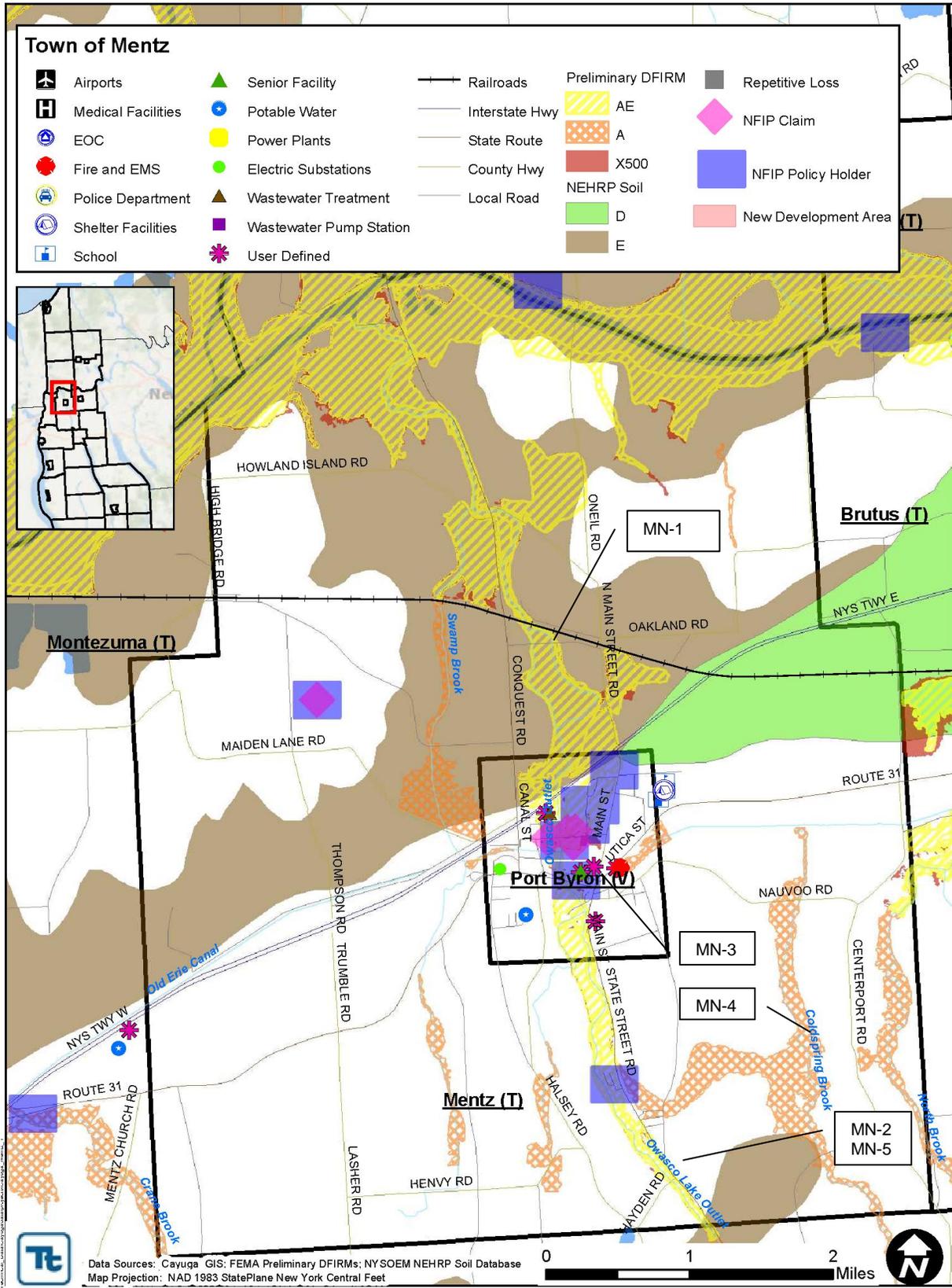
Prioritization of initiatives was based on parameters other than stated above: Not applicable.

**H.) FUTURE NEEDS TO BETTER UNDERSTAND RISK/VULNERABILITY**

No information at this time.

**I.) HAZARD AREA EXTENT AND LOCATION**

A hazard area extent and location map has been generated for the jurisdiction to illustrate the probable areas impacted within the municipality and is provided on the next page. This map is based on the best available data at the time of the preparation of this Plan, and is 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 jurisdiction has significant exposure. The Planning Area maps are provided in the hazard profiles within Section 5.4, Volume I of this Plan.



**J.) ADDITIONAL COMMENTS**

No additional comments at this time.

**K.) NFIP ADMINISTRATOR INPUT**

**1. Planning and Regulatory**

The Town of Mentz joined the NFIP in 2007 and is currently an active member of the NFIP. Flood Insurance Rate Maps have been in effect for the community since 8/2/2007. The Town of Mentz is proactive in floodplain management with ordinances meeting minimum requirements.

Town of Mentz has completed a Community Assistance Visit (CAV), with the most recent visit completed on 9/1/1993. As of December 2012 there is no need for a CAV. Town of Mentz has no outstanding compliance issues.

**2. Administrative and Technical Staff**

The Town of Mentz has identified personnel to manage and uphold the Town of Mentz's compliance with the NFIP. Dedicated staff includes the Town's Code Enforcement Officer. Dedicated staff members complete numerous tasks in order for Town of Mentz to be in compliance of NFIP standards. Tasks include permit reviews, building inspections, etc. The Code Enforcement Officer is also going for his Certified Floodplain Manager (CFM).

**3. Financial**

As of July 8, 2013 there is one policy enforced within The Town of Mentz. The one insurance policy is located in the Special Flood Hazard Area (SFHA). Repetitive loss insurance claims have not been reported within Town of Mentz. As of July 8, 2013 there have been zero repetitive loss properties and zero severe repetitive loss properties within The Town of Mentz

**4. Educational**

None

**5. Actions to Strengthen the Program**

None