

## 9.18 TOWN OF MONTEZUMA

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

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

| Primary Point of Contact                                                                                                                                                                                                                                    | Alternate Point of Contact                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Name: Jeffery Dawson, Highway Superintendent</a><br><a href="#">Address: 7985 Mentz Church Rd.</a><br><a href="#">Phone Number: 315-224-7257</a><br><a href="#">Fax Number: 315-776-4315</a><br><a href="#">Email address: jdawson2@tds.net</a> | <a href="#">Name: John Malenick, Supervisor</a><br><a href="#">Address: 7345 Laraway Road</a><br><a href="#">Phone Number: 315-729-6611</a><br><a href="#">Fax Number:</a><br><a href="#">Email address: larch@hughes.net;</a><br><a href="#">montezumasupervisor@tds.net</a> |

### B.) PROFILE

#### Population

According to the 2010 U.S. Census, the estimated Town of Montezuma population was 1,277. The Town of Montezuma is one of the 23 towns in Cayuga County.

#### Location

The Town of Montezuma is located on the western border of Cayuga County, with the towns of Conquest to the north, Mentz to the northeast, Throop to the southeast, and Aurelius to the south. The west town line is partly defined by the Seneca River, the Cayuga and Seneca Canal, and the border of Seneca County to the south and Wayne County to the north.

#### Brief History

The Town of Montezuma is located on land originally set aside as a reservation for the native Cayuga tribe, but was later included in the Central New York Military Tract as payment to Revolutionary War veterans. White settlers moved to the area in 1798, which at the time was part of the Town of Mentz. The town was the western terminal when the Erie Canal opened in 1820. Mentz split in 1859 and formed the Town of Montezuma (Town of Montezuma, Date Unknown).

#### 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 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    | Severely damaged Moravia business district                                                                        |
| Steamship Frontenac fire south of Union Springs                |                                 |                    | 6/27/1907   | 8 deaths                                                                                                          |
| Severe Flooding along Cayuga Lake                              |                                 |                    | 4/1916      |                                                                                                                   |
| Spanish Influenza                                              |                                 |                    | 1918 — 1919 | nearly 100 deaths in Cayuga County                                                                                |
| Riots at Auburn Prison                                         |                                 |                    | 1929        | 11 deaths, 3 firefighters injured                                                                                 |
| Hislops fire in Auburn                                         |                                 |                    | 12/1931     | Destroyed a block of downtown, 1 firefighter killed                                                               |
| Floods in Moravia & Locke                                      |                                 |                    | 7/1/1935    | Floods in Moravia & Locke                                                                                         |
| Gasoline leak & explosion in Auburn                            |                                 |                    | 3/30/1960   | Killed 5 including 3 firefighters                                                                                 |
| Gasoline spill in Auburn                                       |                                 |                    | 9/ 1960     | 17,000 gallon gasoline spill at Drake Oil                                                                         |
| Gasoline spill                                                 |                                 |                    | 5/1966      | 8,500 gallon gasoline spill at Sinclair bulk terminal in Auburn                                                   |
| Dutch Elm Disease                                              |                                 |                    | 1960's      | 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 crash                                          |                                 |                    | 4/10/1975   | Resulting fire destroys 11 buildings in Locke                                                                     |
| 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                                                                                        |

**SECTION 9.18: TOWN OF MONTEZUMA**

| Type of Event                                                 | FEMA Disaster # (if applicable) | County Designated? | Date                        | Approximate Damage Assessment                         |
|---------------------------------------------------------------|---------------------------------|--------------------|-----------------------------|-------------------------------------------------------|
|                                                               |                                 |                    |                             | schools                                               |
| Flooding in Moravia and Locke                                 |                                 |                    | 10/1981                     | "worse than Agnes or Eloise"                          |
| 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-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<br>DR-1233              | No                 | Summer 1998                 |                                                       |
| Labor Day storm.                                              | DR-1244                         | Yes - IA, PA       | 9/1998                      |                                                       |
| USDA declared Drought (t40329).                               |                                 |                    | 8/1999                      | Genoa issues Emergency water restrictions             |
| Road flooding in King Ferry                                   |                                 | No                 | 6/2000                      | (Fed. Declared disaster elsewhere).                   |
| 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                      |                                                       |
| Rain/Flooding                                                 | DR-1589                         | Yes - PA           | 4/2005                      | Flooding triggered by snow melt and rain.             |
| 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               |                                                       |
| Severe Storms and Flooding                                    | DR 1857                         | No                 | August 9, 2009              |                                                       |
| Severe Storms and Flooding                                    | DR 1993                         | No                 | April 26, 2011— May 8, 2011 |                                                       |



**SECTION 9.18: TOWN OF MONTEZUMA**

| Type of Event                                              | FEMA Disaster # (if applicable) | County Designated? | Date                                  | Approximate Damage Assessment |
|------------------------------------------------------------|---------------------------------|--------------------|---------------------------------------|-------------------------------|
| Severe Storms and Flooding                                 | EM 3328                         | No                 | August 26, 2011                       |                               |
| Hurricane Irene                                            | DR 4020                         | No                 | August 26, 2011—<br>September 5, 2011 |                               |
| Severe Storms, Flooding, Tornadoes, and Straightline Winds | EM 3341                         | No                 | September 7-8, 2011                   |                               |
| Remnants of Tropical Storm Ilee                            | 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: \$381,278<br>0.2% Annual Chance: \$740,403                               | Frequent                  | 30                                        | Low                         |
| Severe Storm        | 100-Year MRP: \$0<br>500-Year MRP: \$1,258<br>Annualized Loss: \$48                        | Frequent                  | 18                                        | Medium                      |
| Severe Winter Storm | 1% of GBS: \$322,453<br>5% of GBS: \$1,612,263                                             | Frequent                  | 48                                        | High                        |
| Transportation      | Not available                                                                              | Frequent                  | 21                                        | Medium                      |
| Ground Failure      | Karst Exposure \$0<br>Moderate Incidence \$0<br>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 moderate planning, regulatory, administrative, technical, and fiscal capability; limited community resiliency and community political capability; with a moderately willing political capability to enact policies or programs to reduce hazard vulnerabilities in the community.

## E.1) Legal and Regulatory Capability

| Regulatory Tools<br>(Codes, Ordinances., Plans)                                  | Do you<br>have this?<br>(Y or N) | Enforcement Authority                            | Code Citation<br>(Section, Paragraph,<br>Page Number, Date of<br>adoption) |
|----------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------|----------------------------------------------------------------------------|
| 1) Building Code                                                                 | Y                                | J. Patrick Doyle, Zoning Code<br>Officer         | Codes in effect                                                            |
| 2) Zoning Ordinance                                                              | Y                                | J. Patrick Doyle, Zoning Code<br>Officer         | Codes in effect                                                            |
| 3) Subdivision Ordinance                                                         | Y                                | Steve St Martin, Planning<br>Board Chairman      | Codes in effect                                                            |
| 4) NFIP Flood Damage Prevention<br>Ordinance                                     | N                                |                                                  |                                                                            |
| 4a) Cumulative Substantial<br>Damages                                            | N                                |                                                  |                                                                            |
| 4b) Freeboard                                                                    | N                                |                                                  |                                                                            |
| 5) Comprehensive Plan / Master<br>Plan/ General Plan                             | Y                                | J. Patrick Doyle, Zoning Code<br>Officer         |                                                                            |
| 6) Floodplain Management / Basin<br>Plan                                         | Y                                | June Smith, Town Clerk and<br>NFIP Administrator |                                                                            |
| 7) Stormwater Management<br>Plan/Ordinance                                       | N                                |                                                  |                                                                            |
| 8) Growth Management                                                             | N                                |                                                  |                                                                            |
| 9) Capital Improvements Plan                                                     | N                                |                                                  |                                                                            |
| 10) Site Plan Review<br>Requirements                                             | Y                                | Steve St Martin, Planning<br>Board Chairman      |                                                                            |
| 11) Open Space Plan                                                              | N                                |                                                  |                                                                            |
| 12) Stream Corridor Management<br>Plan                                           | N                                |                                                  |                                                                            |
| 13) Watershed Management or<br>Protection Plan                                   | N                                |                                                  |                                                                            |
| 14) Economic Development Plan                                                    | N                                |                                                  |                                                                            |
| 15) Comprehensive Emergency<br>Management Plan                                   | N                                |                                                  |                                                                            |
| 16) Emergency Response Plan                                                      | N                                |                                                  |                                                                            |
| 17) Post Disaster Recovery Plan                                                  | N                                |                                                  |                                                                            |
| 18) Post Disaster Recovery<br>Ordinance                                          | N                                |                                                  |                                                                            |
| 19) Real Estate Disclosure<br>Requirement                                        | Y                                | State                                            | State Requirement                                                          |
| 20) Other [Special Purpose<br>Ordinances (i.e., critical or<br>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                  | Supervisor is a licensed Landscape Architect |
| 2) Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure | Y                  |                                              |
| 3) Planners or engineers with an understanding of natural hazards                                              | Y                  |                                              |
| 4) NFIP Floodplain Administrator                                                                               | Y                  | June Smith, Town Clerk                       |
| 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                  |                                              |
| 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)                         | N                                                 |
| 2) Capital Improvements Project Funding                              | N                                                 |
| 3) Authority to Levy Taxes for specific purposes                     | N                                                 |
| 4) User fees for water, sewer, gas or electric service               | Y – Water Department/ water maintenance fee       |
| 5) Impact Fees for homebuyers or developers of new development/homes | N                                                 |
| 6) Incur debt through general obligation bonds                       | N                                                 |
| 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)            | N                                                 |
| 11) Other                                                            | N                                                 |

## E.4) Community Classifications

| Program                                              | Classification | Date Classified |
|------------------------------------------------------|----------------|-----------------|
| Community Rating System (CRS)                        |                |                 |
| Building Code Effectiveness Grading Schedule (BCEGS) |                |                 |
| Public Protection                                    |                |                 |
| Storm Ready                                          |                |                 |
| Firewise                                             |                |                 |

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 jurisdiction has indicated that no mitigation actions have been incorporated into its planning and land use mechanisms.

### **F.2) Hazard Vulnerabilities Identified**

The jurisdiction identified the Craine Brook and Seneca River as problem areas within the community where it has suffered damages or losses to flooding in the past.

The Cayuga County Soil and Water Conservation District (SWCD) has identified the following vulnerabilities for the Town of Montezuma, 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.
- The Seneca River runs across Cayuga County and impacts many towns. Seasonal flooding is common on the River, and has caused significant property damage over the years. Large portions of the riverbank have sloughed off into the river during certain flood events. Debris and sediment deposits also impede the flow and cause undercutting of the banks.

NFIP Summary

| Municipality  | # Policies (1) | # Claims (Losses) (1) | Total Loss Payments (2) | # Rep. Loss Prop. (1) | # Severe Rep. Loss Prop. (1) | # Policies in 100-year Boundary (3) | # Policies in 500-Boundary (3) | # Policies Outside the 500-year Flood Hazard (3) |
|---------------|----------------|-----------------------|-------------------------|-----------------------|------------------------------|-------------------------------------|--------------------------------|--------------------------------------------------|
| Montezuma (T) | 12             | 5                     | \$17,784                | 0                     | 0                            | 4                                   | 2                              | 6                                                |

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 Montezuma, 130 residents live within the 1% annual chance flood area (NFIP Special Flood Hazard Area). Of the municipality's total land area, 26.2% is located within the 1% annual chance flood area. \$4,853,086 (9.6%) of the municipality's general building stock replacement cost value (structure and contents) is located within the 1% annual chance flood area. There are 12 NFIP policies in the community. While there are 4 policies located within the 1% annual chance flood area, there are only policies issued to property owners in 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, \$381,278 (0.8%) of the municipality's general building stock replacement cost value (structure and contents) will be damaged and 559 tons of debris could be generated. HAZUS-MH estimates the following damage and loss of use to critical facilities in the community as a result of a 1% annual chance flood event:

Critical Facilities Located in the 1-Percent and 0.2-Percent Annual Chance Flood Boundaries and Estimated Potential Damage

| Name      | Municipality  | Type           | Exposure |           | Potential Loss from 1% Flood Event (2) | Potential Loss from 0.2% Flood Event (2) |
|-----------|---------------|----------------|----------|-----------|----------------------------------------|------------------------------------------|
|           |               |                | 1% Zone  | 0.2% Zone |                                        |                                          |
| Town Hall | Montezuma (T) | Municipal Hall | X        |           |                                        |                                          |

Source: HAZUS-MH 2.1

Note: C = City; NA = Not available; T = Town; V = Village

X = Facility located within the DFIRM boundary.

(1) HAZUS-MH 2.1 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 2.1 User Manual).

(2) 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. The flood model does not estimate damages for HAZMAT facilities.

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 |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|-----------------------------|--------------------|----------------|------------------------------------------------------|-------------------|----------|---------------------|
| MZ-1       | Replacement of the Bridge on East Loop between SR 31 and Denman Rd.                                                                                | Existing                                   | All                 | 1-1<br>3-4               | County Highway, NYSDOT      | High               | High           | NY State                                             | Short Term<br>DOF | H        | SP                  |
| MZ-2       | Culverts at West Loop Rd. Between SR 31 and Purser Rd.                                                                                             | Existing                                   | Flood               | 1-1<br>1-5               | County Highway              | Medium             | High           | State, County, local funding                         | Long Term<br>DOF  | M        | SP                  |
| MZ-3       | Fox Ridge Road. Last dirt road in the town. Has at-grade railroad crossing. Want to cold pave and chip to make it easier to access in an emergency | Existing                                   | All                 | 3-3<br>3-4               | Municipality, Railroad      | Low                | High           | County, local funding                                | Long Term<br>DOF  | M        | SP                  |
| MZ-4       | Water line under NYS Thruway hanging from bridge over Crane Brook. Cannot fix if water is high. Want to do a push under the Thruway.               | Existing                                   | All                 | 1-1<br>3-4               | NYS Thruway, NYSDOT         | High               | High           | Included in Grants to extend waterline in this area. | Short Term        | H        | PP                  |
| MZ-5       | Water line runs above the NYS Thruway. State Route 90 Bridge over the NYS Thruway. Want to do a push under Thruway at High Street.                 | Existing                                   | All                 | 1-1<br>3-4               | NYS Thruway, NYSDOT         | High               | High           | Included in grant to extend waterline in this area.  | Short Term        | H        | PP                  |
| MZ-6       | Work with Cayuga County SWCD to look at how to improve drainage around the Town Hall.                                                              | Existing                                   | Flood               | 1-1<br>1-5<br>1-6        | Municipality, County        | High               | Low            | Municipal                                            | Short Term        | M        | PP                  |
| MZ-7       | Examine flood proofing the Town Hall.                                                                                                              | Existing                                   | Flood               | 1-1<br>1-5<br>1-6        | Municipality, County        | High               | Low            | Municipal                                            | Short Term        | M        | PP                  |
| MZ-8       | The Cayuga SWCD proposes to complete bank stabilization as needed along the Crane                                                                  | Existing                                   | Flood               | 4-1<br>4-2<br>4-3<br>4-4 | Cayuga SWCD; NYSDEC; USACE; | High               | High           | HMA Grants, State, County, local funding             | Long Term<br>DOF  | M        | NR                  |

**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|---------------------------------|---------------------------------------------------------------------------------|--------------------|----------------|-----------------------------------------------------------|------------------|----------|---------------------|
|            | 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.                                                                           |                                            |                     |                                 |                                                                                 |                    |                |                                                           |                  |          |                     |
| MZ-9       | The Cayuga SWCD proposes to complete bank stabilization and clearing/ snagging of debris jams from the channel of the Seneca River. 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. Areas where improvements can be made to enhance the streams' ability to reach its' floodplain will also be investigated and potential projects proposed. | Existing                                   | Flood               | 4-1<br>4-2<br>4-3<br>4-4        | Cayuga SWCD;<br>NYSDEC; USACE;                                                  | High               | High           | HMA Grants, State, County, local funding                  | Long Term<br>DOF | M        | NR                  |
| MZ-10      | 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                                                                                                                                                                                                                                                                | N/A                                        | All Hazards         | 2-1<br>2-2<br>2-3<br>2-4<br>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                  |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|---------------------------|--------------------|----------------|--------------------|----------|----------|---------------------|
|            | reduction: <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>• Use email notification systems and newsletters to better educate the public on flood insurance, the availability of mitigation grant funding, and personal natural hazard risk reduction measures.</li> <li>• Work with neighborhood associations, civic and business groups to disseminate</li> </ul> |                                            |                     |                          |                           |                    |                |                    |          |          |                     |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|--------------------------------------------------------|--------------------|----------------|-------------------------------------------------|------------------|----------|---------------------|
|            | information on flood insurance and the availability of mitigation grant funding.                                                                                                                                                                                                                                                                                                                                                                  |                                            |                     |                          |                                                        |                    |                |                                                 |                  |          |                     |
| MZ-11      | Incorporate ordinances and/or zoning restrictions to control and mitigate future development in hazard areas, specifically as identified in Section I.                                                                                                                                                                                                                                                                                            | N/A                                        | All Hazards         | 1-6<br>4-3               | Municipality with support from County, NYSOEM and FEMA | Medium             | Medium         | Municipal Budget                                | Short            | Medium   | PR                  |
| MZ-12      | Improve communication systems.                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                                        | All Hazards         | 3-3<br>3-7               | Municipality with support from County, NYSOEM and FEMA | Medium             | Medium         | Municipal Budget                                | Short            | Medium   | ES<br>PR            |
| MZ-13      | Develop programs/procedures to capture and archive loss data from events. Examples include: <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 Base Flood Elevations (BFEs).</li> </ul> | N/A                                        | All Hazards         | 1-3<br>1-4               | Municipality with support from County, NYSOEM and FEMA | Medium             | Medium         | Municipal Budget                                | Short            | Medium   | PR                  |
| MZ-14      | Obtain and install backup power sources at critical facilities.                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                        | All Hazards         | 3-3<br>3-5               | Municipality with support from County, NYSOEM and FEMA | Medium             | Medium         | Municipal Budget                                | Short            | Medium   | ES                  |
| MZ-15      | Participate in local, county and/or state level projects and programs to develop improved structure and facility inventories and hazard                                                                                                                                                                                                                                                                                                           | N/A                                        | All Hazards         | 1-1<br>1-3<br>1-4        | Hazard Mitigation Plan Coordinator                     | Medium-High        | Medium-High    | FEMA Mitigation Grant Programs with local match | Long Term<br>DOF | Medium   | PR                  |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|---------------------------|--------------------|----------------|--------------------|----------|----------|---------------------|
|            | <p>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" methodologies). It is recognized that these programs will need to be</p> |                                            |                     |                          |                           |                    |                |                    |          |          |                     |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|---------------------------------------------------------------------------------|--------------------|--------------------------------|---------------------------------------------------|------------------------|----------|---------------------|
|            | 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.                                                                                                                    |                                            |                     |                          |                                                                                 |                    |                                |                                                   |                        |          |                     |
| MZ-16      | 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                  |
| MZ-17      | Create/Enhance/Maintain Mutual Aid agreements with neighboring communities for continuity of operations                                                                                                                                                                       | N/A                                        | All Hazards         | 3-2<br>3-5<br>3-6<br>3-7 | Municipality with support from County, NYSOEM, FEMA and surrounding communities | Medium             | Low                            | Municipal Budget                                  | Short Term             | High     | PR, ES              |
| MZ-18      | 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              |
| MZ-19      | 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<br>3-7               | Municipality with support from County, NYSOEM and FEMA                          | Medium             | Medium                         | Municipal Budget, FEMA HMA and HLS grant programs | Short-Long Term<br>DOF | Medium   | PR                  |
| MZ-20      | Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0                                                                                                                                                         | New and Existing                           | All Hazards         | 3-1<br>3-5               | Municipality with support from Planning Partners, County Planning, NYSOEM, FEMA | High               | Low – High (for 5 year update) | Municipal Budget, FEMA planning grants            | On-going               | High     | PR                  |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------------|------------------|----------|---------------------|
| MZ-21      | <p>Purchase, relocate, or elevate structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss property as priority.</p> <p>Phase 1: Identify appropriate candidates based on cost-effectiveness, for example: <b>Montezuma Town Hall.</b></p> <p>Phase 2: Where determined to be a viable option, work with property owners toward implementation of the determined action based on available funding from FEMA and local match availability</p> | Existing                                   | Flood, Severe Storm | 1-2<br>4-2               | Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from County Planning, NYSOEM, FEMA | High               | High           | FEMA Mitigation Grants | Long Term<br>DOF | Medium   | PP                  |
| MZ-22      | <p>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.</p> <p>Further, continue to meet and/or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance</p>                                            | N/A                                        | Flood, Severe Storm | 1-4<br>1-6<br>1-7<br>4-3 | Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from NYSOEM, FEMA                  | High               | Low-Medium     | Municipal Budget       | Ongoing          | High     | PR, PE              |



**SECTION 9.18: TOWN OF MONTEZUMA**

| 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 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|--------------------------|--------------------------------------------------------|--------------------|----------------|--------------------|----------------|----------|---------------------|
|            | actions identified as Initiatives below.                                                                                                              |                                            |                     |                          |                                                        |                    |                |                    |                |          |                     |
| MZ-23      | Obtain and archive elevation certificates                                                                                                             | N/A                                        | Flood, Severe Storm | 1-4<br>1-6               | NFIP Floodplain Administrator                          | Medium             | Low            | Municipal Budget   | On-going       | High     | PR                  |
| MZ-24      | Promote the participation of Floodplain Administrators within the planning process and other activities.                                              | N/A                                        | Flood               | 1-4<br>1-7               | Municipality with support from County, NYSOEM and FEMA | Medium             | Medium         | Municipal Budget   | Short          | Medium   | PR                  |
| MZ-25      | Look into the Storm Ready Program                                                                                                                     | N/A                                        | Severe Storm        | 1-4<br>1-6<br>2-2        | Municipality with support from County, NYSOEM and FEMA | Medium             | Low            | Municipal Budget   | Short Term DOF | Medium   | PE                  |
| MZ-26      | Provide public education and outreach on proper installation and/or use of backup power                                                               | N/A                                        | Severe Storm        | 2-1<br>2-2               | Municipal Clerk                                        | Medium             | Low            | Municipal Budget   | Short          | H        | PR                  |
| MZ-27      | Implement, review, and enforce municipal policies and programs to prevent trees from threatening lives and impacting power availability/interruption. | N/A                                        | Severe Storm        | 1-6<br>4-3               | Municipal Code Enforcement                             | 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) |
|--------------|---------------------|----------|-------|------------------------------------------------|----------------------------------------|--------------------------------------------------------------------|----------------------------|
| MZ-1         | 2                   | H        | H     | Y                                              | Y                                      | N                                                                  | H                          |
| MZ-2         | 2                   | M        | H     | N                                              | Y                                      | N                                                                  | M                          |
| MZ-3         | 2                   | L        | H     | N                                              | Y                                      | N                                                                  | M                          |
| MZ-4         | 2                   | H        | H     | Y                                              | Y                                      | N                                                                  | H                          |
| MZ-5         | 2                   | H        | H     | Y                                              | Y                                      | N                                                                  | H                          |
| MZ-6         | 3                   | H        | L     | Y                                              | N                                      | Y                                                                  | M                          |
| MZ-7         | 3                   | H        | M     | Y                                              | N                                      | Y                                                                  | M                          |
| MZ-8         | 4                   | H        | H     | Y                                              | Y                                      | N                                                                  | M                          |
| MZ-9         | 4                   | H        | H     | Y                                              | Y                                      | N                                                                  | M                          |
| MZ-10        | 5                   | M        | M     | Y                                              | Y                                      | N                                                                  | H                          |
| MZ-11        | 2                   | M        | M     | Y                                              | Y                                      | Y                                                                  | M                          |
| MZ-12        | 2                   | M        | M     | Y                                              | Y                                      | Y                                                                  | M                          |
| MZ-13        | 2                   | M        | M     | Y                                              | Y                                      | Y                                                                  | M                          |
| MZ-14        | 2                   | M        | M     | Y                                              | Y                                      | Y                                                                  | M                          |
| MZ-15        | 3                   | M        | M     | Y                                              | Y                                      | N                                                                  | M                          |
| MZ-16        | 1                   | L        | L     | Y                                              | N                                      | Y                                                                  | H                          |
| MZ-17        | 4                   | M        | L     | Y                                              | N                                      | Y                                                                  | H                          |
| MZ-18        | 1                   | M        | M     | Y                                              | N                                      | Y                                                                  | M                          |
| MZ-19        | 2                   | M        | M     | Y                                              | Y                                      | N                                                                  | M                          |
| MZ-20        | 2                   | H        | L     | Y                                              | Y                                      | N                                                                  | H                          |
| MZ-21        | 2                   | H        | H     | Y                                              | Y                                      | N                                                                  | M                          |
| MZ-22        | 4                   | H        | L     | Y                                              | N                                      | Y                                                                  | H                          |
| MZ-23        | 2                   | M        | L     | Y                                              | N                                      | Y                                                                  | H                          |
| MZ-24        | 2                   | M        | M     | Y                                              | N                                      | Y                                                                  | M                          |
| MZ-25        | 3                   | M        | L     | Y                                              | N                                      | Y                                                                  | M                          |
| MZ-26        | 2                   | M        | L     | Y                                              | N                                      | Y                                                                  | H                          |
| MZ-27        | 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.

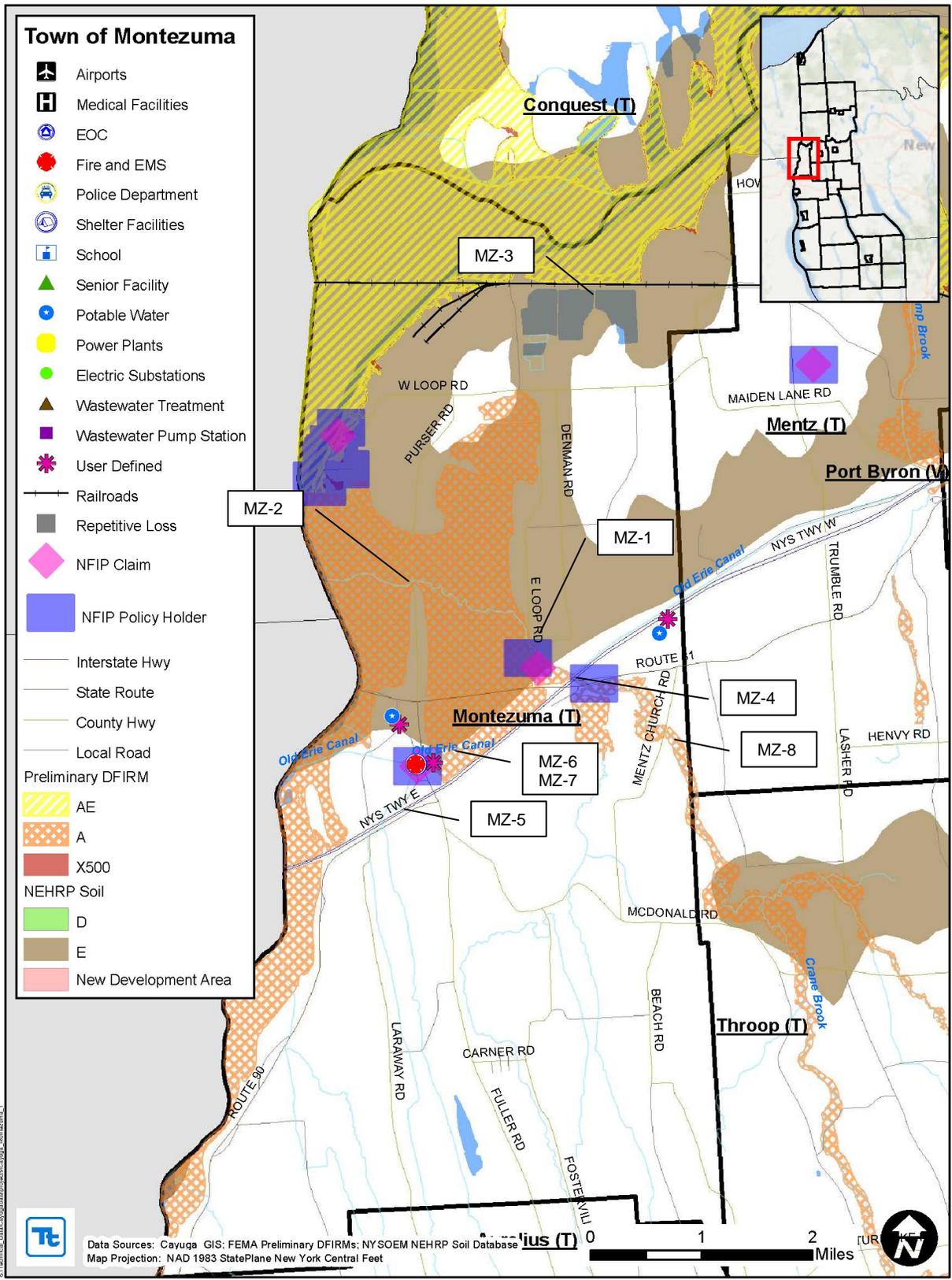
### **H.) FUTURE NEEDS TO BETTER UNDERSTAND RISK/VULNERABILITY**

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.

**SECTION 9.18: TOWN OF MONTEZUMA**



**J.) ADDITIONAL COMMENTS**

No additional comments at this time.

**K.) NFIP ADMINISTRATOR INPUT**

**1. Planning and Regulatory**

The Town of Montezuma joined the NFIP on April 18, 1983, and is currently an active member of the NFIP. Flood Insurance Rate Maps have been in effect for the community since August 2, 2007. The Town of Montezuma is proactive in floodplain management with ordinances meeting minimum requirements.

The Town of Montezuma has completed Community Assistance Visits (CAV), with the most recent visit completed on December 7, 1993. As of December 2012 there is no need for a CAV. The Town of Montezuma has no outstanding compliance issues.

**2. Administrative and Technical Staff**

The Town of Montezuma has identified personnel to manage and uphold the Town of Montezuma's compliance with the NFIP. Dedicated staff includes June Smith, Town Clerk and NFIP Administrator. In addition, The Town of Montezuma has supplementary staff for which NFIP is an auxiliary duty; personnel include J. Patrick Doyle, Code Enforcement Officer. Staff members (both dedicated and supplementary) complete numerous tasks in order for The Town of Montezuma to be in compliance of NFIP standards. Tasks include permit reviews, building inspections, etc.

**3. Financial**

As of July, 2013, there are twelve policies enforced within Town of Montezuma. Of twelve insurance policies, four are within the Special Flood Hazard Area (SFHA), and eight are located outside the SFHA. Repetitive loss insurance claims have not been reported within the Town of Montezuma. As of July, 2013, there have been zero repetitive loss properties and zero severe repetitive loss properties within Town of Montezuma.

**4. Educational**

The Town of Montezuma has not conducted educational and/or outreach activities related to the NFIP at this time.

**5. Actions to Strengthen the Program**

The Town of Montezuma has not taken steps to strengthen the NFIP program and its administration at this time.

## L.) STATUS OF EXISTING PLANNING MECHANISMS

| Status of Incorporation of Mitigation Planning into Existing and Future Planning Mechanisms                                                                                                                                                                                                                 |                   |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Planning Mechanisms                                                                                                                                                                                                                                                                                         | Has Been Utilized | Will Be Utilized |
| <b>Operating Budget</b><br>When constructing upcoming budgets, hazard mitigation actions will be funded as budget allows. Construction projects will be evaluated to see if they meet the hazard mitigation goals and objectives.                                                                           | Y                 |                  |
| <b>Capital Improvement Budget</b><br>When constructing upcoming budgets, hazard mitigation actions will be funded as budget allows. Construction projects will be evaluated to see if they meet the hazard mitigation goals and objectives.                                                                 | Y                 |                  |
| <b>Human Resource Manual</b><br>Employee job descriptions may contain hazard mitigation actions.                                                                                                                                                                                                            | Y                 |                  |
| <b>Building and Zoning Ordinances</b><br>Prior to land use, zoning changes, or development permitting, the municipality will review the hazard mitigation plan and other hazard analyses to ensure consistent and compatible land use.                                                                      | Y                 | Y                |
| <b>Comprehensive Land Use Plan</b><br>When applicable, the municipality will incorporate hazard mitigation actions in the development and extent of the regulations.                                                                                                                                        | Y                 | Y                |
| <b>Grant Applications</b><br>Data and maps will be used as supporting documentation in grant applications.                                                                                                                                                                                                  | Y                 |                  |
| <b>Municipal Ordinances</b><br>When updating municipal ordinances, hazard mitigation will be a priority.                                                                                                                                                                                                    | Y                 |                  |
| <b>Fire Plan</b><br>The Hazard Mitigation Plan will be used as a resource for the development of future Fire Plans.                                                                                                                                                                                         |                   |                  |
| <b>Capital Improvement Planning</b><br>The municipality will establish a protocol to review current and future projects for hazard vulnerability. The municipality will incorporate hazard-resistant construction standards into the design and location of projects.                                       | Y                 |                  |
| <b>Day-to-Day Operations</b><br>The municipality will incorporate hazard mitigation actions in daily operations and all projects.                                                                                                                                                                           | Y                 | Y                |
| <b>Local School Service Projects</b><br>The municipality will work closely with the local school district and assist with community service projects for the service organizations. Several of the municipality's hazard mitigation actions can be implemented as a joint project with the school district. |                   |                  |
| <b>Municipal Budget</b><br>Adopted annually, the municipality will look at mitigation actions when allocating funding.                                                                                                                                                                                      | Y                 |                  |
| <b>Economic Development</b><br>The local economic development group will take into account information regarding identified hazard areas when assisting new businesses in finding a location.                                                                                                               |                   |                  |