



## 9.31 TOWN OF WHEATLAND

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

### 9.31.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan's (HMP) primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Jay D. Coates Emergency Mgr./Asst. Fire Marshal 22 Main Street, P.O. Box 15 Scottsville, NY 14546 (585) 889-1553 x122 <a href="mailto:jcoates@townofwheatland.org">jcoates@townofwheatland.org</a>	Terry W. Rech, Building Inspector 22 Main Street, P.O. Box 15 Scottsville, NY 14546 (585) 889-1553 x3 <a href="mailto:twrech@townofwheatland.org">twrech@townofwheatland.org</a>

### 9.31.2 Municipal Profile

The Town of Wheatland is on the southwestern border of Monroe County, bordered south by Livingston County. North of Wheatland are the Towns of Riga and Chili, and the Genesee River; the Towns of Henrietta and Rush lie to the east. Established in 1821, the Town of Wheatland encompasses 30.7 square miles of land and 0.1 square mile of water. Oatka Creek, a tributary of the Genesee River, is the only significant waterway in the Town. The incorporated Village of Scottsville is within the Town boundaries, as are the hamlets of Garbutt and Mumford. Population of the Town is 4,775, according to the 2010 U.S. Census.

### Growth/Development Trends

Table 9.31-1 below summarizes recent residential/commercial development in the Town of Wheatland since 2010, and lists any known or anticipated major residential/commercial development and major infrastructure development slated within the next 5 years within the municipality. Refer to the maps following Section 9.31-9 of this annex: Figure 9-31-1 that illustrates landslide and wildfire hazard areas, and Figure 9-31-2 (floodplain map).

**Table 9.31-1. Growth and Development**

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
<b>Recent Development from 2010 to present</b>					
Terra Vista	Res	23	Scottsville Rd	None	Conversion of abandoned townhouse development project into single family dwellings subdivision – Final Stages
Monroe County Pure Waters (MCPW) pump station/ sewer plant decommissioning	Municipal	1	River Rd	Flood	Removal of existing Village Sewer treatment plant – replaced with MCPW pump station, completed 2014
Mumford Trailer Park- Sunny Creek Estates	Res	51	State St	None	Redevelopment of existing trailer park – In progress
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
None					

*Note: Only location-specific hazard zones or vulnerabilities are identified.*



### 9.31.3 Natural Hazard Event History Specific to the Municipality

Monroe County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this Plan. A summary of historical events appears in each hazard profile, and includes a chronology of events that have affected the County and its municipalities. For the purpose of this Plan update, to the extent possible, all events that have occurred in the County were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material or local sources. This information is listed in Table 9.31-2 below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

**Table 9.31-2. Hazard Event History**

Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 8, 2010	High wind	Not applicable (N/A)	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours
March 9, 2011	Flooding	No	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
April 26 - May 8, 2011	Severe storms, flooding, tornadoes, and straight-line winds	DR-1993	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
September 13, 2011	Explosion/fire	No	No	Burnwell Propane Facility explosion and fire-extended event with county mutual aid Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; several major roads and railroad closed.
January 17, 2012	High wind	N/A	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours
February 24, 2012	High winds	N/A	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours
October 27 - November 8, 2012	Hurricane Sandy	EM-3351	Yes	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Fire Dept deployed mutual aid
June 26 - July 11, 2013	Severe storms and flooding	DR-4129	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
December 21, 2013	Ice storm	N/A	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours
December 23, 2013	Flooding	No	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
March 12, 2014	Blizzard	N/A	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours



Dates of Event	Event Type	Federal Emergency Management Agency (FEMA) Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
May 13-22, 2014	Severe storms and flooding	DR-4180	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
July 28, 2014	Flash flood	N/A	N/A	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; Oatka Creek localized flooding, Genesee River flooding, some basement flooding
August 13, 2014	Severe storm, Flash flood	No	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; several major roads closed blocked by flooding and debris; several homes impacted by flash flood
November 17-26, 2014	Severe winter storm, snowstorm, and flooding	DR-4204	No	Local Emergency Mgt. activated and monitored; local Fire Department and Highway extended hours; some local roads impassable for short periods of time

### 9.31.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this Plan convey detailed information regarding each plan participant's vulnerability to the identified hazards. The following summarizes hazard vulnerabilities and their ranking in the Town of Wheatland. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Hazard Risk/Vulnerability Risk Ranking

Table 9.31-3 below summarizes the hazard risk/vulnerability rankings of potential hazards for the Town of Wheatland. The hazards of concern for the Town are those with a High hazard ranking.

**Table 9.31-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>1, 3</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>2</sup>
Landslide	Exposed: \$1,006,500,585	Frequent	48	High
Severe Storm	Expected Losses from Wind Alone: \$0	Frequent	48	High
Utility Failure	Damage Estimate Not Available	Frequent	39	High
Extreme Temperature	Damage Estimate Not Available	Frequent	36	High
Infestation	Damage Estimate Not Available	Frequent	36	High
Severe Winter Storm	1% Damage Loss Estimate: \$6,179,710 5% Damage Loss Estimate: \$30,898,552 10% Damage Loss Estimate: \$61,797,105	Frequent	36	High
Earthquake	Not Determined	Frequent	30	Medium
Flood	1% annual chance: \$3,441,734	Frequent	18	Medium
Terrorism	Damage Estimate Not Available	Frequent	18	Medium
Wildfire	Exposed Value in the WUI: \$110,469,698	Frequent	18	Medium
Civil Unrest	Damage Estimate Not Available	Occasional	12	Low
Drought	Damage Estimate Not Available	Frequent	12	Low



Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>1, 3</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>2</sup>
Hazardous Materials	Damage Estimate Not Available	Occasional	12	Low

Notes:

1 Building damage ratio estimates were based on Federal Emergency Management Agency (FEMA) 386-2 (August 2001).

2 The valuation of general building stock and loss estimates was based on custom inventory for the municipality.

High = Total hazard priority risk ranking score of 31 and above

Medium = Total hazard priority risk ranking of 15-30

Low = Total hazard risk ranking below 15

3 Loss estimates for the severe storm and severe winter storm hazards are structural values only, and do not include the value of contents.

Loss estimates for the flood and earthquake hazards represent both structure and contents.

The Hazards United States – Multi-Hazards (HAZUS-MH) earthquake model results are reported by Census Tract.

### National Flood Insurance Program (NFIP) Summary

Table 9.31-4 summarizes NFIP statistics for the Town of Wheatland.

**Table 9.31-4. 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)
Wheatland (T)	21	22	\$599,758	1	2	4

Source: FEMA Region 2 2015

Notes:

(1) Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015.

Total number of repetitive loss properties includes severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

(2) Total building and content losses from the claims file provided by FEMA Region 2.

(3) Number of policies inside and outside of flood zones is based on latitude and longitude provided by FEMA Region 2 in the policy file.

FEMA noted that for a property with more than one entry, more than one policy may have been in force or more than one Geographic Information System (GIS) specification was possible.

Numbers of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

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### Critical Facilities

Table 9.31-5 below presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of damage and loss of use to critical facilities in the community as a result of 1- and 0.2-percent annual chance flood events.



Table 9.31-5. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
None identified.					

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

HAZUS-MH 2.2 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore, this will be an indication of the maximum downtime (HAZUS-MH 2.2 User Manual).

Some facilities may be within the Digital Flood Insurance Rate Map (DFIRM) flood hazard boundary; however, HAZUS did not calculate potential loss, perhaps because depth of flooding would not cause any damages to these structures according to the depth damage function used in HAZUS for that facility type. Further, HAZUS-MH may estimate potential damage to a facility outside the DFIRM if the model generates a depth grid beyond DFIRM boundaries.

X Facility within the DFIRM boundary

- Not calculated by HAZUS-MH 2.2

### Other Vulnerabilities Identified

The municipality identified the following vulnerabilities within the community:

- Hazards related to ground (mine) subsidence, pandemic, rail transport events, underground pipeline failures or events, and air transport events are of particular concern to the Town of Wheatland. A large area in the center of town was mined for gypsum and is subject to ground subsidence events.
- The Town reports increases in frequency of occurrence, magnitude of impact, and/or geographic extents of flood and severe storm hazards since issuance of the 2011 Monroe County HMP. Several recent flood events traceable to Oatka Creek and Genesee River have resulted from severe thunderstorms/storms, and several hurricanes and severe thunderstorms have impacted the Town.
- Town staff would benefit from additional training and/or certification with respect to natural hazard risk management in topics such as floods, earthquakes, winter storms, and wind storms, as well as infrastructure, including pipelines and air events.

### 9.31.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- NFIP
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms.

### Planning and Regulatory Capability

Table 9.31-6 below summarizes regulatory tools available to the Town of Wheatland.



Table 9.31-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				
Master Plan	Yes	Town	Town Board	Town of Wheatland and Village of Scottsville Comprehensive Plan, 2004
Capital Improvements Plan	No			
Floodplain Management / Basin Plan	Yes	Town	Planning/Zoning	F1 Zoning in Town Code
Stormwater Management Plan	No	-	-	-
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	Yes	Regional	Genesee/Finger Lakes Regional Planning Council	Oatka Creek Watershed Management Plan, September 2014
Economic Development Plan	Yes	Town	Town Board	
Comprehensive Emergency Management Plan	Yes	Town	Emergency Mgt.	Comprehensive Emergency Management Plan; Continuity of Operations/ Continuity of Government (COOP/COG) plan(s) – reviewed and updated annually as needed
Emergency Response Plan	Yes	Town	Fire Marshal	
Post-Disaster Recovery Plan	Yes	Town	Fire Marshal	Post-Disaster Recovery Plan – reviewed and updated annually as needed
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans	Yes	Town	Town Board	Towns of Wheatland and Chili Agriculture and Farmland Protection Plan, 2015
<b>Regulatory Capability</b>				
Building Code	Yes	Town	Town Board	Building Construction and Fire Prevention Chapter 54
Zoning Ordinance	Yes	Town	Town Board	Zoning Chapter 130
Subdivision Ordinance	Yes	Town	Planning Board	Subdivision of Land Chapter 116
NFIP Flood Damage Prevention Ordinance	Yes	Town	Town Board	Flood Damage Prevention Chapter 130-18
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local		State mandated Base Flood Elevation (BFE)+2 for single and two-family residential construction, BFE+1 for all other construction types



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	Yes	Town	Planning Board	
Stormwater Management Ordinance	No	-	-	-
Municipal Separate Storm Sewer System (MS4)	No	-	-	Not Required; Sewers and Sewage Disposal, Chapter 107, deals with these issues
Natural Hazard Ordinance	Yes	Town	Town	The Town established special Flood Zone (F1) Zoning District with local zoning requirements.
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	Town	Town	New York State (NYS) mandate, Property Condition Disclosure Act, <i>NY Code</i> – Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	Yes	Town	Town	The Town enacted local zoning overlays and code requirements for a large area in the center of town that had been mined for gypsum and is subject to ground subsidence events. In addition, the Town has established a special zoning district (F1) for all areas identified as posing a flood hazard, and has a Freshwater Wetlands ordinance – Chapter 72





### Administrative and Technical Capability

Table 9.31-7 below summarizes potential staff and personnel resources available to the Town of Wheatland.

**Table 9.31-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	Yes	Emergency Mgr. and Fire Marshal
Environmental Board/Commission	No	Planning Board performs this function
Open Space Board/Committee	No	Planning Board performs this function
Economic Development Commission/Committee	Yes	Economic Dev Committee
Maintenance Programs to Reduce Risk	Yes	Fire Marshal
Mutual Aid Agreements	Yes	Town Supervisor, Emergency Mgr., and Fire Marshal
<b>Technical/Staffing Capability</b>		
Planner(s) or engineer(s) with knowledge of land development and land management practices	No	Town contracts for these services as needed
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	No	Town contracts for these services as needed
Planners or engineers with an understanding of natural hazards	Yes	Town contracts for these services as needed; Code Enforcement Officer, performs stormwater management functions in the Town.
NFIP Floodplain Administrator	Yes	Building Inspector / Chief Executive Officer (CEO)
Surveyor(s)	No	Town contracts for these services as needed
Personnel skilled or trained in Geographic Information System (GIS) and/or HAZUS-MH applications	Yes	CEO, Emergency Manager, & Fire Marshal
Scientist familiar with natural hazards	No	
Emergency Manager	Yes	Emergency Manager /Fire Marshal
Grant writer(s)	No	
Staff with expertise or training in benefit/cost analysis	Yes	Town Supervisor, Building Code enforcement, Budget
Professionals trained in conducting damage assessments	Yes	CEO, Emergency Mgt./Fire Marshal

### Fiscal Capability

Table 9.31-8 below summarizes financial resources available to the Town of Wheatland.

**Table 9.31-8. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements Project Funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas, or electric service	No
Impact fees for homebuyers or developers of new development/homes	No





Financial Resources	Accessible or Eligible to Use (Yes/No)
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	Yes
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state funding programs	Yes
Open space acquisition funding programs	No
Other	

### Community Classifications

Table 9.31-9 below summarizes classifications of community programs available to the Town of Wheatland.

**Table 9.31-9. Community Classifications**

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No		No
Building Code Effectiveness Grading Schedule (BCEGS)	No		No
Public Protection (Insurance Services Office [ISO] Fire Protection Classes 1 to 10)	Yes	Scottsville Fire 4/4y Mumford Fire	Yes
Storm Ready	Yes	StormReady County	
Firewise	No		
Disaster/Safety Programs in/for Schools	No	Participates in local school-sponsored project	No
Organizations with Mitigation Focus (advocacy group, non-government)	No		No
Public Education Program/Outreach (through website, social media)	Yes	Website and literature provided	Yes
Public-Private Partnerships	No		No

The classifications listed above relate to the community's ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community's capabilities in all phases of emergency management (preparedness, response, recovery, and mitigation), and are used as an underwriting parameter for determining costs of various forms of insurance. The Community Rating System (CRS) class applies to flood insurance, while the Building Code Effectiveness Grading Schedule (BCEGS) and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10, with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classification is higher if the subject property is more than 1000 feet from 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 International Organization for Standardization (ISO) Mitigation online Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/index.html>
- The National Firewise Communities website at <http://firewise.org/>

### Self-Assessment of Capability

Table 9.31-10 below provides an approximate measure of the Town of Wheatland's capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9.31-10. Self-Assessment Capability for the Municipality**

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)*	Moderate	High
Planning and Regulatory Capability	Limited staff; few people have numerous roles/responsibilities		
Administrative and Technical Capability	Limited staff; few people have numerous roles/responsibilities		
Fiscal Capability	Limited staff; few people have numerous roles/responsibilities		
Community Political Capability	Limited staff; few people have numerous roles/responsibilities		
Community Resiliency Capability	Limited staff; few people have numerous roles/responsibilities		
Capability to Integrate Mitigation into Municipal Processes and Activities.	Limited staff; few people have numerous roles/responsibilities		

### National Flood Insurance Program

#### NFIP Floodplain Administrator (FPA)

Code Enforcement Officer

#### Flood Vulnerability Summary

The municipality maintains lists/inventories of properties that have undergone flood damage from past events (the lists/inventories include only properties notified to the Town as damaged by the respective property owners). Although capable of making substantial damage estimates, the Town has not done so because no structures were damaged during Floyd, Irene, Sandy or other events. The Town has not been notified of any flood-damaged properties within its jurisdiction, or of any property owners interested in mitigation (elevation or acquisition), or currently undertaking mitigation projects.

#### Resources

The Town FPA assumes responsibilities of floodplain administration with assistance from the Fire Marshal and Emergency Management Department, as needed. The Town FPA performs code enforcement, permit review, site plan review and approval, inspections, damage assessments, emergency response, record-keeping, and Geographic Information Services (GIS). The FPA provides education and outreach to the community regarding flood hazards/risk, flood risk reduction through NFIP insurance, mitigation in the form of counter/public literature, discussions during the development/construction application process, and project review. The Planning Board review is another means of community outreach and education.



The FPA did not identify any barriers to running an effective floodplain management program in the Town of Wheatland. The Town has been proactive, having established an F1 zoning district with special zoning code to manage flood hazards and areas. The FPA feels adequately trained to fulfill the responsibilities of municipal FPA, with support of New York State Department of Environmental Control (NYSDEC) staff, but expressed interest in attending continuing education and/or certification training on floodplain management if offered in the County.

### **Compliance History**

As of June 30, 2015, 21 policies were in force in the Town of Wheatland, 4 of which were within the 1% flood boundary. One repetitive loss property and two severe repetitive loss properties are in the Town. Between 1978 and June 30, 2015, 22 claims were paid within the Town totaling \$599,758. According to the NFIP Policy Statistics report available at the time of this Plan, policies in the Town of Wheatland insure roughly \$2.9 million of property with total annual insurance premiums of \$9,576.

The Town is in good standing in the NFIP, and the most recent Community Assistance Visit (CAV) occurred in 2008.

### **Regulatory**

The Town's Flood Damage Prevention Ordinance (FDPO) was last reviewed and adopted in June 2003, and appears in Chapter 211 of the local code. Floodplain management regulations and ordinances exceed Federal Emergency Management Agency (FEMA) and NYS minimum requirements. In addition, Planning and Zoning are actively involved with flood mitigation and enforcement of the zoning code for flood districts.

### **Community Rating System**

The Town of Wheatland does not participate in the CRS program at this time, but has considered doing so and would attend a CRS seminar if offered locally.

### **Other Capabilities Identified**

Previous actions that are now ongoing programs and capabilities are described below. Refer to Table 9.31-11 later in this annex.

- The Town has roadway water drainage and water management programs in place.
- The Town solicits inter-municipal and interagency cooperation, and has agreements with other municipalities, Villages, Towns, and the County.
- On a case by case basis, when notified of specific vulnerabilities, the Town considers property acquisition as a hazard mitigation measure.
- The Town encourages affected property owners to purchase flood insurance by distributing publically available literature, advising on the permit application process, and notifying affected property owners when/if the Town is notified of an event
- The Town regularly enacts local laws to restrict development on steep slopes, and requires property owners and/or mine operators to rehabilitate open mines at closing. Local ordinances are in place to address these during the planning and zoning process.
- The Town provides traffic reports via local broadcasters, and construction information and project status at sites impacting traffic (as needed via telephone or email to local media).
- The Town Emergency Management undertakes the following actions as part of its normal operations:
  - Stockpiles emergency supplies: Initial command and control equipment and supplies obtained.
  - One week operating supplies stockpiled



- Solicits mutual aid agreements, which are currently drafted and under review.
  - Engages emergency services in local municipal government processes. For instance, local agencies are invited to planning and table top drills.
  - Develops a strategy to reduce time necessary to clear streets (rights-of-way) of debris. The plan is discussed and approved by a committee of representatives from multiple Town departments.
  - Enhances utility “Town Liaison” Program with National Grid, a program complete and effectively used during events
  - Encourages installation of backup power supply. An emergency generator was installed at the local high school, which is a designated shelter and point of distribution (POD). The Town also has applied for grants to install emergency generators at its municipal backup facility, Town Sewer Pump Station, and highway garage.
  - Installs permanent backup power supply at public facilities, including the local high school (a designated shelter and POD), and the municipal facility. The Town is seeking funding for and plans to install an emergency generator at the Municipal back-up facility and highway garage. The Town installed a gasoline-powered pump at the sewer pump station that provides partial system capacity, but intends to upgrade the backup system to provide for full system capacity that will upgrade the existing backup gas-powered pump unit.
- The Town Emergency Management and Fire Marshal undertake the following actions as part of their normal operations:
  - Regularly review restoration priorities, including the National Grid plan.
  - Expand information available on websites. A plan for website expansion was developed, and the infrastructure for the expansion is complete. Website revision has been contracted and is in progress.
- The Town Code Enforcement and Fire Marshal undertake the following actions as part of their normal operations:
  - Ensure proper disposal of hazardous waste and enforce government permit processes through ongoing code enforcement and inspection processes and established Operating Permit processes
  - Provide comprehensive inspection services: The Town hired a part-time Fire Marshal to identify high-risk occupancies and begin high-risk inspection and enforcement processes.
  - Enforce Building Code as required for existing and new infrastructure, and comply with applicable federal and state regulations.
  - Conduct regular review of Local Laws Ongoing through code enforcement and Planning Board annual reviews
  - “Target-harden” facilities
  - Promote understanding and use of (telephone number) 811, “Call Before You Dig.” Ongoing information is provided at public information displays and as part of the development/construction permit application process.
- The Town Code Enforcement undertakes the following actions as part of its normal operations:
  - Administers a Floodplain Management Program including completion of Town Code modifications and the ongoing Code enforcement and inspection process
  - Secures and provides redundant critical systems and facilities, and recently completed an upgrade of information technology (IT) infrastructure, cyber security, and information backup. Also completed process to provide for remote-access to Town data and software, and to allow major town operations to occur remotely via telecommunications.
  - Enacts local laws that require property owners to demolish and remove unsafe structures from their property(ies). Continually enforces specifications of NYS Uniform Fire and Prevention codes and Town Code.



- The Town Fire Marshal undertakes the following actions as part of normal operations:
  - “Disaster-proofs” public facilities by developing and establishing recovery plans, and completing upgrades of IT infrastructure, cyber security, information backup, and telephone and data systems
  - Works as part of team with the school system to comply with Project Save regulations for plan review and revision cycles.
- The Town Highway Department undertakes the following actions as part of its normal operations:
  - Maintains public infrastructure through ongoing Highway Department maintenance and inspection processes
  - Implements an annual, “Waterway/Drainage Maintenance” Program through annual reviews, planning, and maintenance
  - Implements an “Annual, Tree/Stream Maintenance Program,” and addresses imminent and potential tree issues.
- The Town Emergency Management and Highway Department undertake the following actions as part of their normal operations:
  - Develop Department of Public Works (DPW) / Department of Transportation (DOT) plans for debris clearance, removal, and disposal. These plans are discussed and approved by a committee of representatives from multiple Town departments.
- The following services are routinely provided by either Town contractors or the Fire District:
  - Encourage residential use of smoke detectors through public education and “give away” programs.
  - Plan, design, and develop enhanced, local facilities for on-site specialized emergency training.
- Provide Special Operations and Tactical Rescue training, including water rescue training.

### **Integration of Hazard Mitigation into Existing and Future Planning Mechanisms**

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

### **Planning**

**Land Use Planning:** The Town of Wheatland has a Planning Board and Zoning Board of Appeals that review all applications for development, and consider natural hazard risk areas in their review. Many development activities require additional levels of environmental review, specifically NYS State Environment Quality Review (SEQR) and Federal National Environmental Protection Act (NEPA) requirements.

The Town Planning Board refers to industry publications, trade journals, courses, consultants, attorneys, International Building Code (IBC), National Fire Protection Association (NFPA), and various targeted courses to guide their decisions pertaining to natural hazard risk management.

**Towns of Wheatland and Chili Agriculture and Farmland Protection Plan, 2015:** This plan considers measures necessary to ensure continuation of agriculture and farmland in the Town of Wheatland. During a Strengths/Weaknesses/Opportunities/Threats (SWOT) meeting, the Town identified impacts on natural resources, environmental changes and resource extraction, and global warming/climate change/severe weather as potential threats to the community’s agriculture industry.

**Town of Wheatland and Village of Scottsville Comprehensive Plan, 2004:** The Village and Town developed their comprehensive plan to establish immediate and long-term goals for the community’s protection,



enhancement, growth, and development. The plan considers both regional/local hazard areas and hazard resource/mitigation planning documents. It also offers relevant land use and development recommendations that support the community's overall hazard mitigation goals. Relevant recommendations include:

1. Promote ongoing favorable relations with local emergency service providers to assure provision of adequate and economical emergency service coverage, including maintenance/designation of appropriate emergency service districts and endorsement of reasonable expenditures necessary to maintain quality service.
2. Adopt a street tree maintenance and planting program.
3. Encourage use of planned environmental protection strategies, such as designation of Environmental Protection Overlay Districts (EPOD) to add supplemental development requirements in environmentally sensitive areas.
4. Continue to protect prime soils by discouraging non-agricultural development on these classified soil groups.
5. Promote preservation of woodlands and natural areas under the development review process by encouraging use of "forever-wild" areas, permitting innovative design techniques that protect sensitive areas, encouraging natural design themes for development, and/or requiring use of conservation easements in all development.

**Emergency Services:** The Town has a Continuity of Operations/Continuity of Government (COOP/COG) plan(s) that serves to protect local government and operations from natural hazard disruptions. The Town also has a Comprehensive Emergency Management Plan and a Post-Disaster Recovery Plan, inclusive of specific mitigation projects and activities, but neither plan refers to the HMP.

### **Regulatory and Enforcement**

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**Building Construction and Fire Prevention Chapter 54:** Building codes are strictly enforced to prepare new and renovated buildings as well as possible for hazard-related incidents. The Town complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code).

**Freshwater Wetlands Chapter 72:** This chapter establishes the Town's authority over any activities related to wetlands. It notes that freshwater wetlands are an invaluable resource for flood protection, wildlife habitat, open space, water resources, recreation, and more, and it seeks to preserve and protect local freshwater wetlands.

**Sewers and Sewage Disposal Chapter 107:** The Town maintains a sewage system and regulates the manner of sewage discharge to ensure that residents do not face any public health concerns.

**Subdivision of Land Chapter 116:** The Town's Planning Board is tasked with site plan/subdivision review. The Planning Board is especially attentive to ensure that developments address issues associated with natural hazards.

**Zoning Chapter 130:** The Town of Wheatland zoning code includes districts and standards pertaining to mitigation of hazards. This includes floodplain management regulations and concerns. A separate zoning district and regulations have been established for flood areas. Other areas are identified and addressed by the Planning and Zoning Boards during the development application and approval process.

**Flood Damage Prevention Chapter 130-18:** This article promotes public health, safety, and general welfare of residents, and seeks to minimize public and private losses due to flood conditions and erosion. The chapter regulates development to promote flood-resistant structures, and controls alteration of floodplains to prevent increased vulnerability.





**Stormwater Coalition:** As part of its normal operations, the Town participates in the Monroe County Stormwater Coalition. Through the Coalition, members work together to comply with federal regulations and improve water quality. Programs enacted through the Coalition include outreach and training, technical assistance, investigations of illegal discharges, pollution prevention, and identifying needed infrastructure.

#### **Fiscal**

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**Operating Budget:** The Town’s operating budget includes minimal provisions for expected repairs like snow removal and infrastructure repair after a storm or natural disaster.

#### **Education and Outreach**

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

The Town uses a newsletter, website, and social media to inform citizens on natural hazards (e.g., safe use of generators, emergency preparedness, and flood hazard information). In addition, residents can sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department. The Town has a robust outreach program regarding natural hazards; however, the Town reports that it lacks outreach and education pertaining to non-natural hazards.

### **9.31.6 Mitigation Strategy and Prioritization**

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

#### **Past Mitigation Initiative Status**

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Table 9.31-11 below indicates progress on the community’s mitigation strategy identified in the 2011 Plan. Previous actions that are now ongoing programs and capabilities are indicated as such in Table 9.31-11, and may also appear under “Capability Assessment” presented previously in this annex. Actions carried forward as part of this Plan update are included and prioritized in the following subsection (in Table 9-31-12).





Table 9.31-11. Past Mitigation Initiative Status

<b>2011 Mitigation Action</b>	<b>Responsible Party</b>	<b>Status (In progress, No progress, Complete)</b>	<b>Describe Status</b> 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	<b>Next Step (Include in 2017 HMP or Discontinue)</b>	<b>Describe Next Step</b> 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
ES-3: Establish an active Recruitment and Retention (of providers) Program.	N/A	No Progress	Town contracts for these services or provided by Fire District, Fire Department and Ambulance	Discontinue	Not applicable to Town.
ES-4: Stockpile emergency supplies.	Emergency Management	Initial Complete; Ongoing	Initial C&C equipment and supplies obtained. 1 week operating supplies stockpiled.	Discontinue	Ongoing operational capability.
ES-5: Solicit “Mutual Aid” agreements.	Emergency Management	In progress	Local agreement developed, drafted and in review	Discontinue	Ongoing operational capability.
ES-6: Engage emergency service jurisdictions in local municipal government processes.	Emergency Management	In progress	Local agencies invited to planning and table top drills	Discontinue	Ongoing operational capability.
NRP-1: Ensure proper disposal of Hazardous Waste.	Code Enforcement, Fire Marshal	In progress	Ongoing Code enforcement and inspection process	Discontinue	Ongoing operational capability.
NRP-2: Enforce government permit processes. This may pertain to existing and/or new infrastructure.	Code Enforcement, Fire Marshal	In progress	Ongoing Code enforcement and inspection process Established Operating Permit process	Discontinue	Ongoing operational capability.
NRP-3: Provide comprehensive inspection services. This may pertain to existing and/or new infrastructure.	Code Enforcement, Fire Marshal	In progress	Hired part time Fire Marshal. Identified high risk occupancies. Began high risk inspection and enforcement process & ongoing Code enforcement and inspection process.	Discontinue	Ongoing operational capability.
NRP-4: Administer a Floodplain Management Program. This may pertain to existing and/or new infrastructure.	Code Enforcement	In progress	Town Code modifications complete. Ongoing Code enforcement and inspection process.	Discontinue	Ongoing operational capability.
NRP-5: Maintain “Urban Forests.”	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
PEA-3: Review Utility Service & restoration plans.	Code Enforcement, Fire Marshal, Emergency Mgt.	In progress	Done on an ongoing basis	Discontinue	Ongoing operational capability.
PEA-4: Identify and utilize a “Speakers Bureau.”	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
PP-1: Identify “special hazard” areas.	Code Enforcement, Fire Marshal	Complete	Initial Survey Complete	Discontinue	Ongoing operational capability.
PP-2: Maintain public infrastructure. This may pertain to existing and/or new infrastructure.	Town Highway	In Progress	Ongoing Highway Department maintenance and inspection processes	Discontinue	Ongoing operational capability.
PP-3: Solicit inter-municipal and interagency cooperation.	Town	Complete	Town has agreements with other municipalities, Village, Town and County.	Discontinue	Ongoing operational capability.
PP-4: Promote purchase of appropriate hazard insurance policies. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
PP-5: Property acquisition	Town	In progress	Town will consider this option if notified and on a case by case basis	Discontinue	Ongoing operational capability.
PR-1: Enforce Building Code as required for existing and new infrastructure.	Code Enforcement Fire Marshal	In progress	Ongoing code enforcement and inspection process	Discontinue	Ongoing operational capability.
PR-2: Comply with applicable federal and state regulations.	Code Enforcement, Fire Marshal	In progress	Ongoing code enforcement and inspection process	Discontinue	Ongoing operational capability.
PR-5: Regular review of Local Laws	Code Enforcement, Fire Marshal	In progress	Ongoing code enforcement and Planning Board annual reviews	Discontinue	Ongoing operational capability.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
SP-1: Disaster “proof” public facilities. This may pertain to existing and/or new infrastructure.	Fire Marshal	Completed. Ongoing	Recovery Plans developed and in place Completed upgrade of IT infrastructure, cyber security and information back-up Telephone and Data systems upgrade and redundancy proposals under review	Include in 2017 HMP	Telephone and Data systems upgrade and redundancy proposals under review
SP-2: Secure and provide redundant critical systems and facilities. This may pertain to existing and/or new infrastructure.	Town Code Enforcement, Fire Marshal	In progress	Completed upgrade of IT infrastructure, cyber security and remote information systems back-up. Completed ability to remote access Town data and software. Completed ability to tele-commute for major town operations. Municipal back-up site identified, grant funding applied for and received. Remodeling of building commenced.	Include in 2017 HMP	Complete construction of back-up office site and install telephone and data infrastructure.
SP-3: “Target Harden” facilities. This may pertain to existing and/or new infrastructure.	Code Enforcement, Fire Marshal	In progress	Information not available for public disclosure	Discontinue	
SP-4: Expand fiber telecommunications networks.	Code Enforcement, Fire Marshal	In progress	The initial system design is complete, but the expansion is not complete. The Town is reviewing proposals and cost estimates for upgrading facilities, however there may be an issue with affordability. The County should consider expanding its fiber to all municipal facilities including fire and EMS for a comprehensive effort.	Include in 2017 HMP	Select proposal, fund, and complete fiber telecommunications network expansion project.
Dam-PEA-1: Churchville Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Dam-PEA-2: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
EPI-PR-2: Local Project. Provide HIV screening and public education (Democrat & Chronicle, 7-21-03).	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Fire-ES-1: Local Project. The Henrietta Fire District is developing a Special Operations Unit for Confined Space Rescue, Low and High-Angle Rescue, Water Rescue, and Trench Rescue.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Fire-ES-2: Local Project. Continue to provide Emergency Medical Services to the community. The Churchville Volunteer Fire Department is the first responder agency to all medical emergencies in our community.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Fire-PEA-1: Local Project. Henrietta Fire District develops and schedules an annual campaign for Fire Prevention using its mobile Fire Safety Trailer and a portable interactive kiosk at schools, community functions, and public facilities.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Fire-PEA-2: Local Project. Churchville Volunteer Fire Department develops and schedules an annual campaign for Fire Prevention at schools, community functions, and public facilities using its interactive displays.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Fire-PP-1: Encourage residential use of smoke detectors through public education, and “give away” programs. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Town contracts for these services or provided by Fire District	Discontinue	Ongoing operational capability.
Fire-SP-1: Local Project. Plan, design and develop enhanced, local facilities for on-site specialized emergency training.	N/A	No Progress	Town contracts for these services or provided by Fire District	Discontinue	Ongoing operational capability.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
FI-ES-1: Provide Special Operations and Tactical Rescue training including water rescue training	N/A	No Progress	Town contracts for these services or provided by Fire District	Discontinue	Ongoing operational capability.
FI-ES-4: Churchville Project. Enhance Fire Department Personnel Emergency Notification	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-ES-5: Churchville Project. Provide water rescue training and equipment e.g. Wet Suits and associated equipment.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-PEA-1: Provide information about the Erie Canal and its spillway locations	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-PEA-3: Riga Project. Provide maps of flood plain area to residents who could be affected by a dam failure. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-PP-1: Encourage affected property owners to purchase Flood Insurance. This may pertain to existing and/or new infrastructure.	Town	In progress	Literature made available to public, permit applicants advised and if notified of event, parties notified	Discontinue	Ongoing operational capability.
FI-PP-2: Participate in the federal Community Rating System. This may pertain to existing and/or new infrastructure.	Town	In progress	No progress	Include in 2017 HMP	Keep current wording
FI-PP-4: Local Project. Town of Gates "Multi-Lot Letter of Map Amendment" for more than 100 homes that were mislabeled as residing in flood zones on FEMA maps (Democrat & Chronicle, 1.22.10).	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-PP-5: Local Projects with the U.S. Army Corps of Engineers, "Risk Management Program." Levy inspection, safety analysis and maintenance requirements (SEMO Region V meeting, 7.29.08).	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
FI-PR-1: Implement an annual, "Waterway/Drainage Maintenance" Program	Town Highway	In progress	Town Highway does annual reviews, planning and maintenance	Discontinue	Ongoing operational capability.
FI-PR-5: Local Project. Implement an annual de-silting program in the Town of Henrietta, to increase the storage capacity for storm water detention and retention ponds. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-PR-6: Local Project. Town of Greece drainage study on Fleming and Veness creeks between Latta Road, Windsor Blvd., Denise Road and Dewey Ave. (Democrat & Chronicle, 1.3.10).	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-SP-1: Local Project. Implement mitigation measures for Irondequoit Creek, as identified by the U.S. Army Corps of Engineer's 2003 proposal, and as agreed by local parties. (reference – Democrat & Chronicle, 3-2-03). This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-SP-2: Local Project. Implement municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-SP-5: Local Project. Design and build a regional detention facility upstream of the Rolling Meadows and Tallwoods Subdivision in the Town of Parma. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
FI-SP-6: Local Project. Town of Parma bridge replacement on Hill Road (Town ROW), over Salmon Creek to raise the bridge approaches from the floodplain, to increase the freeboard elevation, to decrease backwater, and to meet 50-year storm construction standards. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
FI-SP-7: Local Project. Town of Henrietta replace road culverts to improve flow and reduce flooding potential on Parkmeadow Drive, Tomahawk Trail and Colleen Way. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-ES-1: Develop a strategy to reduce the time it takes to clear streets (Rights-of-Way) of debris	Emergency Management	In Progress	Plan discussed and approved by Committee	Discontinue	Ongoing operational capability.
Ice-ES-2: Regularly review restoration priorities	Emergency Management, Fire Marshal	In Progress	National Grid plan reviewed and information provided	Discontinue	Ongoing operational capability.
Ice-ES-3: Enhance utility "Town Liaison" Program	Emergency Management	In Progress	For National Grid – complete and effectively used in events. Town electric is supplied by National Grid – they have improved their actions during and proceeding storm events and have held several conference calls in advance of potential large scale events. For RGE, the Town has tried without success. As required by law, the Town gets notified of who to call for natural gas emergencies.	Discontinue	This was intended to be a County-level action. Not applicable to Town.
Ice-NRP-1: Churchville Project. Replace trees (forestation) in Village of Churchville that were destroyed by various storm events.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.





2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PEA-2: Develop alternate communications plan	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PEA-3: Provide automated utility restoration schedule to the public	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PEA-4: Provide more public outreach during an emergency	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PEA-5: Expand utility Customer Service capacity	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PEA-6: Expand information available on websites	Fire Marshal, Emergency Mgt.	In progress	Plan developed and infrastructure complete. Website revision contracted and in progress.	Discontinue	Ongoing operational capability.
Ice-PP-1: Encourage installation of backup power supply. This may pertain to existing and/or new infrastructure.	Emergency Mgt.	In Progress	Local High School designated shelter and POD installed emergency generator. Town installed emergency generator at municipal back-up facility, Town Sewer Pump Station and highway garage	Discontinue	Ongoing operational capability.
Ice-PR-1: Implement an “Annual, Tree/Stream Maintenance Program”	Town Highway	In Progress	Town Highway addresses imminent and potential tree issues as part of normal operations.	Discontinue	Ongoing operational capability.
Ice-PR-2: Relocate vulnerable utilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PR-2A: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PR-2B: Fairport Electric Project. Relocate vulnerable utilities	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-PR-3: Develop DPW/DOT Plans for debris clearance, removal, and disposal	Highway, Emergency Management	Completed	Plan discussed and approved by Committee	Discontinue	Ongoing operational capability.



<b>2011 Mitigation Action</b>	<b>Responsible Party</b>	<b>Status (In progress, No progress, Complete)</b>	<b>Describe Status</b> 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	<b>Next Step (Include in 2017 HMP or Discontinue)</b>	<b>Describe Next Step</b> 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Ice-PR-4: Lobby state and federal officials to require permanent installation of emergency generators on-site at health care facilities and elderly housing facilities. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Ice-SP-1: Install permanent backup power supply at public facilities. This may pertain to existing and/or new infrastructure.	Emergency Mgt.	In Progress	Local High School designated shelter and POD installed emergency generator. Municipal facility has full back up emergency generator Town seeking funding and intends to install emergency generators at Municipal back-up facility, sewer pump station, and highway garage. Town installed a gasoline powered pump that provides partial system capacity, The Town intends upgrading the backup system to the Town sewer pump station to provide for full system capacity.	Continue	Secure funding to install emergency generator at Municipal back-up facility, sewer pump station, and highway garage.
Land-PEA-1: Local Project. Promote understanding and use of (telephone number) 811, "Call Before You Dig."	Code Enforcement, Fire Marshal	In progress	Ongoing information provided at public information displays and as part of application process	Discontinue	Ongoing operational capability.
Land-PR-1: Local Project. Enact Local Laws: to restrict development on steep slopes; to require property owners and/or mine operators to rehabilitate open mines at closing. This may pertain to existing and/or new infrastructure.	Town	Complete	Local ordinances in place to address these during planning and zoning process	Discontinue	Ongoing operational capability.
SC-PR-1: Local Project. Enact Local Laws that require property owners to demolish and remove unsafe structures from their property(ies). This may pertain to existing and/or new infrastructure.	Code Enforcement, Fire Marshal	Complete	Ongoing enforcement of existing code provisions that exist in New York State Uniform Fire and Prevention codes and Town Code	Discontinue	Discontinue – provisions exist in New York State Uniform Fire and Prevention codes



2011 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2017 HMP or Discontinue)	Describe Next Step 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
Terr-PP-1: Implement a strategy to “target harden” critical and public facilities. This may pertain to existing and/or new infrastructure.	Code Enforcement, Fire Marshal	In Progress	Information not available for public disclosure	Discontinue	Not applicable to Town.
Terr-PR-1: Provide intelligence to local authorities about legal surveillance and threat assessment activities.	Code Enforcement, Fire Marshal	In Progress	Information not available for public disclosure	Discontinue	Not applicable to Town.
Terr-PR-2: Review emergency plans for public facilities to ensure that appropriate measures are considered and referenced	Code Enforcement, Fire Marshal	In Progress	Information not available for public disclosure	Discontinue	Not applicable to Town.
Terr-PR-3: Schools Project. Comply with Project Save regulations for plan review and revision cycles.	Fire Marshal	In Progress	Working as part of team with school system	Discontinue	Ongoing operational capability.
Trans-ES-1: Local Project. The Town of Henrietta’s Highway “Snow & Ice Control” Program is testing treated road salt for benefits associated with its application to enhance the capacity of normal road salt.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.
Trans-PEA-1: Local Project. Provide traffic reports through the local broadcasters	Town	In Progress	Updates provided as needed by telephone or email to local media.	Discontinue	Ongoing operational capability.
Trans-PEA-2: Local Project. Provide construction information and project status on sites that impact traffic	Town	In Progress	Updates provided as needed by telephone or email to local media.	Discontinue	Ongoing operational capability.
Util-ES-1: Local Projects. Provide power back-up supply for municipal fueling stations. This may pertain to existing and/or new infrastructure.	Emergency Management	In Progress	Town reviewing installation and seeking funding for emergency generator at highway garage	Include in 2017 HMP	Acquire funding for emergency generator at highway garage
Util-PP-1: Local Utilities Project. Preserve capacity to generate local power and enhance the ability to segregate local supply from the national power grid during major failures, e.g. August 14, 2003. This may pertain to existing and/or new infrastructure.	N/A	No Progress	Not applicable to Town.	Discontinue	Not applicable to Town.



<u>2011 Mitigation Action</u>	<u>Responsible Party</u>	<u>Status</u> (In progress, No progress, Complete)	<u>Describe Status</u> 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	<u>Next Step</u> (Include in 2017 HMP or Discontinue)	<u>Describe Next Step</u> 1. If including action in the 2017 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
WSC-PR-1: Provide redundant back-up power supply for public supply treatment facilities and system pump stations. This may pertain to existing and/or new infrastructure.	MCPW	In progress	Existing sewer treatment plant decommissioned and replaced with pump station; Town not responsible for facility. MCPW does have generator in place. Town has installed a limited backup gas pump for Town sewer pump station, attempting to get funding for full emergency backup power.	Include in 2017 HMP	Secure funding to install emergency generator at Municipal back-up gas pump facility



### Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

The Town of Wheatland has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2011 Plan:

- The Town Emergency Management department has completed three POD and Pandemic Planning exercises.

### Proposed Hazard Mitigation Initiatives for the Plan Update

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

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

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

Table 9.31-12 below summarizes the comprehensive-range of specific mitigation initiatives the Town of Wheatland would like to pursue in the future to reduce effects of hazards. Some of these initiatives may be previous actions carried forward for this Plan update. Implementation of these initiatives will depend on available funding (grants and local match availability), and initiatives may be modified or omitted at any time based on occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in Table 9.31-12 to further demonstrate the wide range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as High, Medium, or Low. Table 9.31-12 below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.31-13 summarizes prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.31-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
TWH-1	Complete telephone and data systems upgrade and redundancy project.	Both	All hazards	2	Fire Marshal	High	Medium	Town operating/ capital budgets, Mitigation Grants	Short-Term	High	SIP	PP, ES
TWH-2	Complete remodeling / construction of municipal backup office site, and install telephone and data infrastructure.	Both	All hazards	2	Town Code Enforcement, Fire Marshal	High	Medium	Town operating/ capital budgets, Mitigation Grants	Short-Term	High	SIP	SP, ES
TWH-3	Select proposal, fund, and complete fiber telecommunications network expansion project.	Both	All hazards	1, 2	Code Enforcement, Fire Marshal, County OEM	High	Medium	Town operating/ capital budgets, private-sector funding, Mitigation Grants	Short-Term	High	SIP	PR, ES
TWH-4	Participate in the federal Community Rating System.	N/A	Flood	3, 4	Town FPA, Emergency Mgt, County OEM (as appropriate)	Medium	Medium	Town operating budget, Mitigation Grants, categorical grants	Short-Term	High	LPR, EAP	PR, PI
TWH-5	Secure funding to install permanent backup power supply at public facilities, including the municipal backup facility, sewer pump station, and highway garage.	Existing	All hazards	2, 3	Town Emergency Mgt., MCPW	High	Medium	Town operating/ capital budgets, private-sector funding, Mitigation Grants	Short-Term	High	SIP	PR, ES
TWH-6	Enhance the Town's education and outreach program to residents and business owners so that it	Existing	Earthquake, flood, infestation, landslide, wildfire, hazardous materials	1, 3, and 4	Town Clerk	High	Low	Operating budget	OG	High	EAP	PI



Table 9.31-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	focuses on non-natural hazards in addition to natural ones.											
TWH-7	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	Existing	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure	1, 3, and 4	Town Clerk	High	Low	Operating budget	OG	High	EAP	PI

Notes:

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

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

Acronyms and Abbreviations:

CAV	Community Assistance Visit
CRS	Community Rating System
DPW	Department of Public Works
FEMA	Federal Emergency Management Agency
FPA	Floodplain Administrator
HMA	Hazard Mitigation Assistance
N/A	Not applicable
NFIP	National Flood Insurance Program
NYS DHSES	New York State Division of Homeland Security and Emergency Services
OEM	Office of Emergency Management

Potential FEMA HMA Funding Sources:

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

Timeline:

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

Costs:

Where actual project costs have been reasonably estimated:

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

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

Benefits:

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

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







Costs:

Low	Possible to fund under existing budget. Project is part of, or can be part of, an existing ongoing program.
Medium	Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or 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 costs of the proposed project.

Benefits:

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 reduction of risk exposure to life and property, or project will provide an immediate reduction in risk exposure to property.
High	Project will have an immediate impact on reduction of risk exposure to life and property.

Mitigation Category:

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

CRS Category:

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



Table 9.31-13. Summary of Prioritization of Actions

Mitigation Action / Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
TWH-1	Complete telephone and data systems upgrade and redundancy project.	1	0	1	1	0	0	1	0	0	1	1	1	1	0	8	High
TWH-2	Complete remodeling / construction of municipal backup office site, and install telephone and data infrastructure.	1	0	1	1	0	1	0	0	1	1	0	1	1	1	9	High
TWH-3	Select proposal, fund, and complete fiber telecommunications network expansion project.	1	0	1	1	0	0	1	0	0	1	1	1	1	0	8	High
TWH-4	Participate in the federal Community Rating System.	1	1	1	1	0	1	1	1	0	1	1	1	0	0	10	High
TWH-5	Secure funding to install permanent backup power supply at public facilities, including the municipal backup facility, sewer pump station, and highway garage.	1	0	1	1	0	1	0	0	1	1	0	1	1	1	9	High
TWH-6	Enhance the Town's education and outreach program to residents and business owners so that it focuses on non-natural hazards in addition to natural ones.	1	1	1	1	1	1	1	0	1	-1	1	1	1	1	11	High
TWH-7	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	1	1	1	1	1	1	1	0	1	-1	1	1	1	1	11	High

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



### **9.31.7 Future Needs To Better Understand Risk/Vulnerability**

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None at this time.

### **9.31.8 Hazard Area Extent and Location**

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Hazard area extent and location maps have been generated for the Town of Wheatland that illustrate areas probably to be impacted within the municipality (see Figures 9.31-1 and 9.31-2 below). These maps are based on the best available data at the time of preparation of this Plan, and are considered adequate for planning purposes. Maps have been generated only for those hazards (i.e., landslide, wildfire, and flooding) that can be clearly identified via application of mapping techniques and technologies, and to which the Town of Wheatland has significant exposure. These maps also appear in the hazard profiles within Section 5.4, Volume I of this Plan.

### **9.31.9 Additional Comments**

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None at this time.



Figure 9.31-1. Town of Wheatland Landslide and Wildfire Hazard Area Extent and Location Map

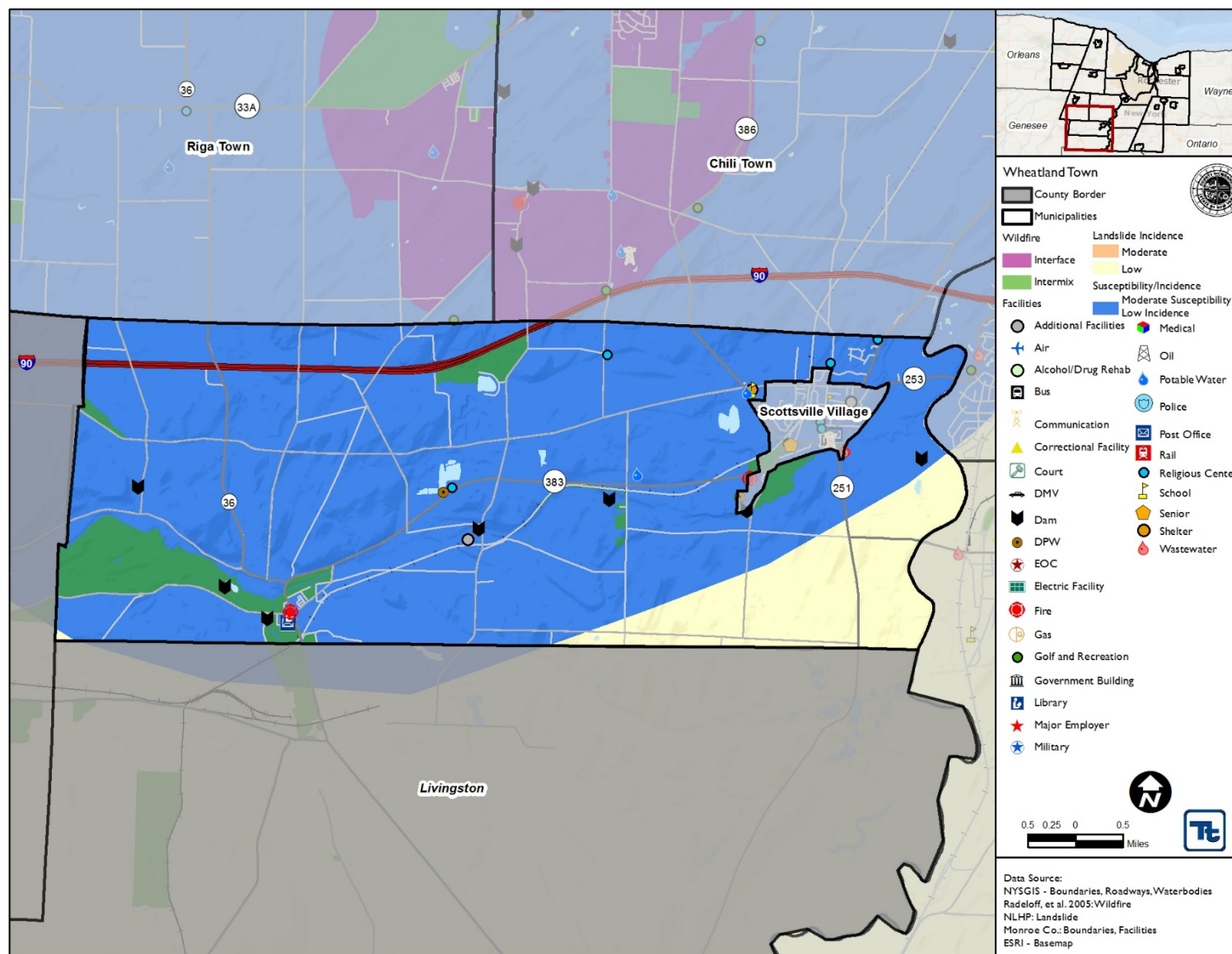
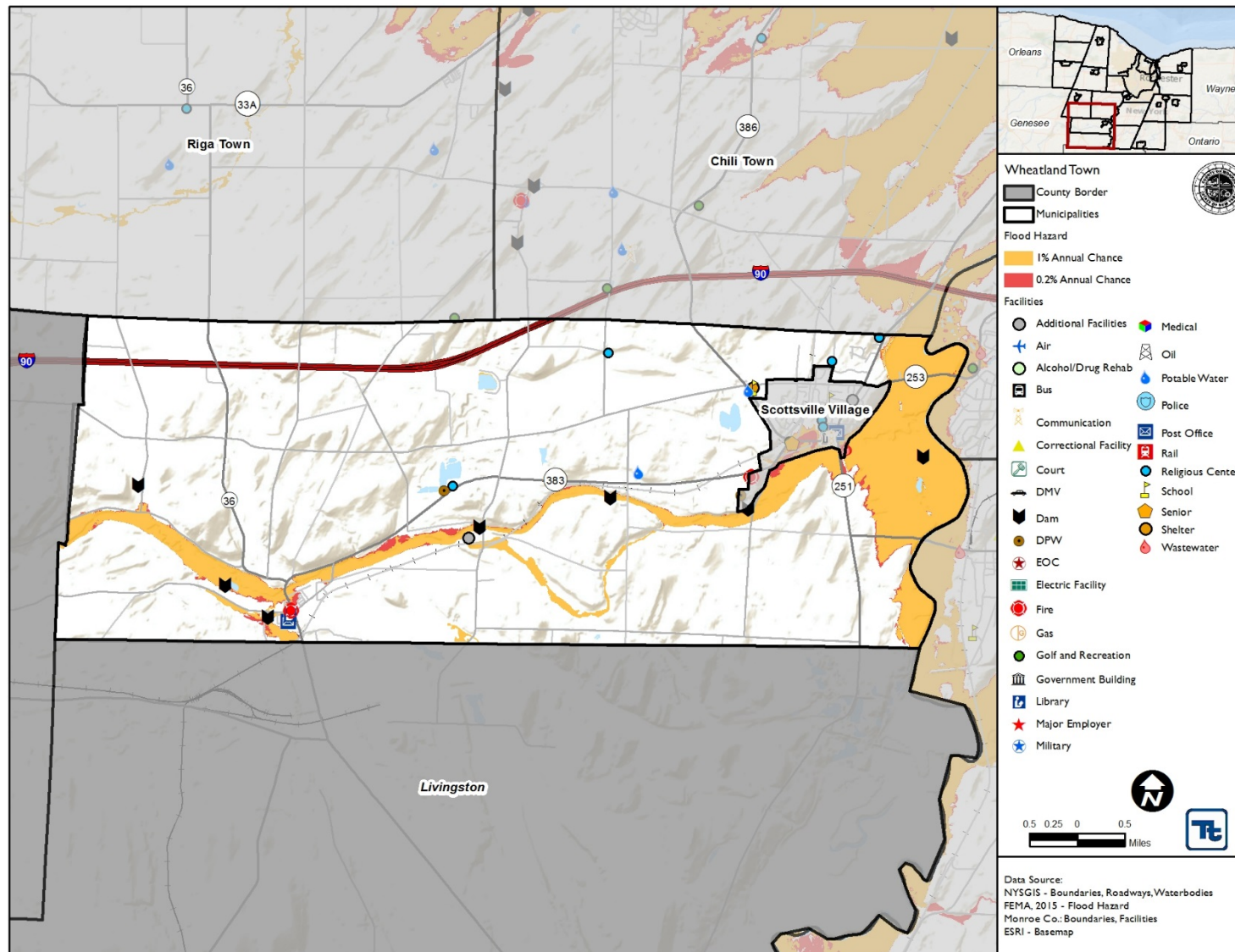




Figure 9.31-2. Town of Wheatland Hazard Area 1% and 0.2% Floodplain Map







<b>Name of Jurisdiction:</b>	Town of Wheatland
<b>Name and Title Completing Worksheet:</b>	
<b>Action Number:</b>	TWH-1
<b>Mitigation Action Name:</b>	Complete telephone and data systems upgrade and redundancy project.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All hazards
<b>Specific problem being mitigated:</b>	Communications may be disrupted due to hazard impacts.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Action was identified in 2011 version of the HMP. Action is continued in the current version of the HMP.
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Complete telephone and data systems upgrade and redundancy project.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2
<b>Applies to existing and or new development, or not applicable</b>	Both
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Fire Marshal
<b>Local Planning Mechanism</b>	Normal operations
<b>Potential Funding Sources</b>	Town operating/ capital budgets, Mitigation Grants
<b>Timeline for Completion</b>	Short-term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



Action Number:

TWH-1

Mitigation Action Name:

Complete telephone and data systems upgrade and redundancy project.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	1	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
Total	8	
Priority (Tier I, II or III)	High	





<b>Name of Jurisdiction:</b>	Town of Wheatland
<b>Name and Title Completing Worksheet:</b>	
<b>Action Number:</b>	TWH-2
<b>Mitigation Action Name:</b>	Complete remodeling/construction of municipal backup office site, and install telephone and data infrastructure.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Utility Failure
<b>Specific problem being mitigated:</b>	Current lack of backup power at backup municipal office, necessary for continued operation of municipal services during emergencies.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Purchase temporary mobile generators and equip backup municipal office with hookups—not practical due to increased reliance on emergency responders/Town personnel to deliver and share portable generators.
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Complete remodeling/construction of municipal backup office site, and install telephone and data infrastructure.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 2. Prevent hazards from impacting life, property, and the environment.
<b>Applies to existing and or new development, or not applicable</b>	Both
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Town Code Enforcement, Fire Marshal
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Town operating / capital budgets, Mitigation Grants
<b>Timeline for Completion</b>	Short Term: 0-5 years
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:**

TWH-2

**Mitigation Action Name:**

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Complete remodeling/construction of municipal backup office site, and install telephone and data infrastructure.

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Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Associated risk from loss of service of municipal backup office during an emergency
Property Protection	0	
Cost-Effectiveness	1	Operational costs from loss of service are far more than costs of installation.
Technical	1	Project is technically feasible.
Political	0	
Legal	1	Town has legal jurisdiction over the facilities.
Fiscal	0	May require external funding.
Environmental	0	
Social	1	The proposed project will not adversely impact one segment of the population.
Administrative	1	The project will be administered by Town staff.
Multi-Hazard	0	Utility failure
Timeline	1	May be implemented within 5 years
Agency Champion	1	Town Board
Other Community Objectives	1	“Disaster-proof” or “Target-harden” public facilities.
Total	9	
Priority (High, Medium, Low)	High	



Name of Jurisdiction:	Town of Wheatland
Name and Title Completing Worksheet:	
Action Number:	TWH-3
Mitigation Action Name:	Select proposal, fund, and complete fiber telecommunications network expansion project.

Assessing the Risk	
Hazard(s) addressed:	All hazards
Specific problem being mitigated:	High-speed data communications is not available across the entire Town. This may result in degradation of emergency service during times of emergency.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none"><li>1. Do nothing – vulnerability continues or worsens.</li><li>2. Complete fiber telecommunications network expansion – selected action.</li></ol>
Action/Project Intended for Implementation	
Description of Selected Action/Project	Select proposal, fund, and complete fiber telecommunications network expansion project.
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	Medium
Priority*	High
Plan for Implementation	
Responsible Organization	Code Enforcement, Fire Marshal, County OEM
Local Planning Mechanism	None
Potential Funding Sources	Town operating/ capital budgets, private-sector funding, Mitigation Grants
Timeline for Completion	Short-term
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



Action Number:

TWH-3

Mitigation Action Name:

Select proposal, fund, and complete fiber telecommunications network expansion project.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	1	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
Total	8	
Priority (Tier I, II or III)	High	



<b>Name of Jurisdiction:</b>	Town of Wheatland
<b>Name and Title Completing Worksheet:</b>	
<b>Action Number:</b>	TWH-5
<b>Mitigation Action Name:</b>	Secure funding to install permanent backup power supply at public facilities, including the municipal backup facility, sewer pump station, and highway garage.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All hazards
<b>Specific problem being mitigated:</b>	Power loss at critical facilities
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	The Town is currently considering the feasibility of installing permanent generators or possibly the option of installing transfer switches to facilitate use of mobile generators.
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Secure funding to install permanent backup power supply at public facilities, including the municipal backup facility, sewer pump station, and highway garage.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2, 3
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High – reduce risk of power outage at critical facilities
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town Emergency Mgt., MCPW
<b>Local Planning Mechanism</b>	DPW operations
<b>Potential Funding Sources</b>	Town operating capital
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



Action Number:

TWH-5

Mitigation Action Name:

Secure funding to install permanent backup power supply at public facilities, including the municipal backup facility, sewer pump station, and highway garage.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	1	
Environmental	0	
Social	1	
Administrative	-1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	11	
Priority (High, Medium, or Low)	High	