



## 9.2 TOWN OF ALLEGANY

This section presents the jurisdictional annex for the Town of Allegany. It includes resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. This annex includes a general overview of the municipality and who in the town participated in the planning process; an assessment of the Town of Allegany’s risk and vulnerability; the different capabilities utilized in the town; and an action plan that will be implemented to achieve a more resilient community.

### 9.2.1 Hazard Mitigation Planning Team

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

**Table 9.2-1. Hazard Mitigation Planning Team**

Primary Point of Contact	Alternate Point of Contact
Name/Title: John Moshier/Highway Superintendent Address: 1502 Upper Birch Run Rd., Allegany, NY 14706 Phone Number: 716-790-1182 Email: <a href="mailto:alleganyhighway@yahoo.com">alleganyhighway@yahoo.com</a>	Name/Title: Jim Hitchcock/ Town Council Address: 114 N. First St., Allegany, NY 1406 Phone Number: 716-372-0064 Email: <a href="mailto:jhitchcock@townofallegany.com">jhitchcock@townofallegany.com</a>
NFIP Floodplain Administrator	
Name/Title: Jerry Dzurhoff/ Code Enforcement Officer Address: 52 West Main St, Allegany, NY 1406 Phone Number: 373-1540 Ext. 2 Email: <a href="mailto:buildingandzoning@townofallegany.com">buildingandzoning@townofallegany.com</a>	

### 9.2.2 Municipal Profile

The Town of Allegany lies on the south border of Cattaraugus County in western New York State. The Town of Allegany has a total area of 71.59 square miles. Allegany River flows through the town. The town is bordered to the north by the Town of Humphrey, the west border is formed by the Town of Carrollton and Town of Great Valley, to the east is the City of Olean and northeast is the Town of Hinsdale. The town is bordered to the south by the townships of Foster and Otto in McKean County, Pennsylvania

The Village of Allegany is located within the town. There are seven hamlets located within the town: Chipmonk, Crestview, Four Mile, Harrisburg, Knapp Creek, Nichols Run, and Rock City. The estimated 2018 population was 7,663, a 4.3 percent decrease in population from 2010 (0.45 persons).

Data from the 2017 U.S. Census American Community Survey indicate that 4.4 percent of the town population is 5 years of age or younger and 20.1 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

#### History and Cultural Resources

The Town of Allegany was formed from a portion of the Town of Great Valley in 1831. The Town of Allegany may have been named after a tribe called Allegewi that lived along the Allegany River’s banks. It may also be based on an old Native American word meaning ‘lovey’ or ‘beautiful.’ In 1836, a portion of the town was removed to form the Town of Humphrey.





### 9.2.3 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.2-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. Figure 9.2-1 and Figure 9.2-2 at the end of this annex illustrate the geographically-delineated hazard areas and the location of potential new development, where available.

**Table 9.2-2. Recent and Expected Future Development**

Type of Development	2014		2015		2016		2017		2018	
<b>Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)</b>										
	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>
Single Family	7	0	10	0	5	0	21	0	4	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	1	0
<b>Total</b>	<b>7</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>5</b>	<b>0</b>
Property or Development Name	Type of Development	# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development		
<b>Recent Major Development and Infrastructure from 2014 to Present</b>										
Field of Dreams	Residential	140		3260 N 7 <sup>th</sup> St, Allegany NY 14706		Wildfire Interface		Retirement Home		
<b>Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years</b>										
Field of Dreams	Residential	1		3260 N 7th St, Allegany, NY 14706		Wildfire Interface		Phase 2A- Site work/pond		
Field of Dreams	Residential	12		3260 N 7th St, Allegany, NY 14706		Wildfire Interface		Phase 2B- Cottages		

SFHA Special Flood Hazard Area (1% flood event)

\* Only location-specific hazard zones or vulnerabilities identified.

### 9.2.4 Capability Assessment

The Town of Allegany performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 6.4 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Information on National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.



- The community’s adaptive capacity for the impacts of climate change.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized in Capability Assessment (Section 9.2.4). The Town of Allegany identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Appendix H provides the results of the planning/policy document review.

### Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of Allegany and where hazard mitigation has been integrated.

**Table 9.2-3. Planning, Legal, and Regulatory Capability**

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
<b>Codes, Ordinances, &amp; Requirements</b>							
Building Code	Yes	Providing for the Administration & Enforcement of the NY State Uniform Fire Prevention & Building Code 2007-1	Local	Codes	Yes	No	2020-Town of Allegany-018
Comment: None							
Zoning Code	Yes	Zoning Ordinance III 2016	Local	Codes	Yes	Yes	-
Comment: None							
Subdivisions	No	-	-	-	Yes	-	-
Comment: None							
Stormwater Management	No	-	-	-	-	-	-
Comment: None							
Post-Disaster Recovery	No	-	-	-	-	-	-
Comment: None							
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent	Yes	Yes	-
Comment: None							
Growth Management	No	-	-	-	-	-	-
Comment: None							
Site Plan Review	No	-	-	-	No	-	-
Comment: None							



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
Environmental Protection	No	-	-	-	Yes	-	-
Comment: None							
Flood Damage Prevention	Yes	1987-1	Local	Codes	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	No	2020-Town of Allegany-004
Comment: None							
Municipal Separate Storm Sewer System (MS4)	No	-	-	-	Yes	-	-
Comment: None							
Emergency Management	Yes	Emergency Management	County	Emergency Services	Yes	No	2020-Town of Allegany-017
Comment: None							
Climate Change	No	-	-	-	Yes	-	-
Comment: None							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comment: None							
Disaster Reconstruction Ordinance	No	-	-	-	No	-	-
Comment: None							
Other	No	-	-	-	-	-	-
Comment: None							
<b>Planning Documents</b>							
Comprehensive Plan	Yes	Town of Allegany Comprehensive Plan, 2011	Local	Comprehensive Plan Advisory Committee	No	Yes	-
Comment: None							
Capital Improvement Plan	No	-	-	-	No	-	-
Comment: None							
Disaster Debris Management Plan	Yes	8/15/2006 EOP	Local and County	OEM	No	Yes	-
Comment: None							
Floodplain or Watershed Plan	No	-	-	-	No	-	-
Comment: None							
Stormwater Plan	No	-	-	-	No	-	-
Comment: None							
Open Space Plan	No	-	-	-	Yes	-	-
Comment: None							



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
Urban Water Management Plan	No	-	-	-	No	-	-
Comment: None							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comment: None							
Economic Development Plan	No	-	-	-	No	-	-
Comment: None							
Shoreline Management Plan	No	-	-	-	Yes	-	-
Comment: None							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comment: None							
Forest Management Plan	No	-	-	-	No	-	-
Comment: None							
Transportation Plan	No	-	-	-	No	-	-
Comment: None							
Agriculture Plan	No	-	-	-	Yes	-	-
Comment: None							
Other (this could include a climate action plan, tourism plan, business development plan, etc.)	No	-	-	-	-	-	-
Comment: None							
<b>Response/Recovery Planning</b>							
Comprehensive Emergency Management Plan	Yes	CCEMP	County	C Codes	Yes	No	2020-Town of Allegany-017
Comment: None							
Strategic Recovery Planning Report	No	-	-	-	-	-	-
Comment: None							
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	Yes	-	-
Comment: None							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comment: None							
Continuity of Operations Plan	No	-	-	-	No	-	-
Comment: None							
Public Health Plan	Yes	PHEP	County	Health Department	No	Yes	-



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
Comment: None							
Other	No	-	-	-	No	-	-
Comment: None							

**Table 9.2-4. Development and Permitting Capability**

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Development Permits. If yes, what department?	Yes, Code Enforcement
Permits are tracked by hazard area. For example, floodplain development permits.	No
Buildable land inventory If yes, please describe If no, please quantitatively describe the level of buildout in the jurisdiction.	No

**Administrative and Technical Capability**

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

**Table 9.2-5. Administrative and Technical Capabilities**

Resources	Available? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Town Board
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Fire Department
Maintenance programs to reduce risk	No	-
Mutual aid agreements	Yes	Village of Allegany, City of Olean
<b>Technical/Staffing Capability</b>		
Planners or engineers with knowledge of land development and land management practices	No	-
Engineers or professionals trained in building or infrastructure construction practices	No	-
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	Yes	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Code Enforcement
Surveyor(s)	No	-
Emergency Manager	No	-
Grant writer(s)	No	-
Resilience Officer	No	-
Other	No	-



### Fiscal Capability

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

**Table 9.2-6. 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	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	Yes
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	Yes
Other	Yes

### Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town of Allegany.

**Table 9.2-7. Education and Outreach Capabilities**

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications office?	Yes, Supervisor
Personnel skilled or trained in website development?	No
Hazard mitigation information available on your website; if yes, describe	No
Social media for hazard mitigation education and outreach; if yes, briefly describe.	No
Citizen boards or commissions that address issues related to hazard mitigation; if yes, briefly describe.	No
Other programs already in place that could be used to communicate hazard-related information; if yes, briefly describe.	Planning Board, media
Warning systems for hazard events; if yes, briefly describe.	Yes, county
Natural disaster/safety programs in place for schools; if yes, briefly describe.	No
Other	No

### Community Classifications

The table below summarizes classifications for community programs available to the Town of Allegany.

**Table 9.2-8. Community Classifications**

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-





Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	Unknown	Unknown
NYSDEC Climate Smart Community	No	-	-
Storm Ready Certification	No	-	-
Firewise Communities classification	No	-	-
Other	No	-	-

Note:

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

### Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction’s rating.

- The town does not currently have access to resources to determine the possible impacts of climate change upon the municipality and would rely on the county.

**Table 9.2-9. Adaptive Capacity**

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low*
Flood	Medium
Landslide	Medium
Severe Storm	High
Severe Winter Storm	High
Utility Failure	Medium
Wildfire	Medium

- \*High Capacity exists and is in use
- Medium Capacity may exist; but is not used or could use some improvement
- Low Capacity does not exist or could use substantial improvement
- Unsure Not enough information is known to assign a rating

### National Flood Insurance Program

This section provides specific information on the management and regulation of the regulatory floodplain.

#### NFIP Floodplain Administrator (FPA)

Jerry Dzurhoff, Code Enforcement Officer.

#### National Flood Insurance Program (NFIP) Summary

The Town of Allegany identified that the viaduct on State Route 417/Anderson is prone to repetitive flooding as well as Steam Valley, Creek Road, and Haskell Road. The following table summarizes the NFIP statistics for the Town of Allegany.





Table 9.2-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Town of Allegany	55	21	\$8,553,700	0

Source: NYS DHES 2020

Notes: Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and current as of August 5, 2020. The total number of repetitive loss properties does not include severe repetitive loss properties

RL Repetitive Loss; SRL Severe Repetitive Loss

### Resources

The Code Enforcement Department is responsible for floodplain management but do not have a certified floodplain manager on staff. The town does not have access to resources to determine possible future flooding condition from climate change. Additional training would be beneficial for the town to support its floodplain management program. The NFIP administration services the town provides includes permits and inspections. The town follows code recommendations to determine if proposed development on an existing structure would qualify as a substantial improvement. The barriers to running an effective NFIP program in the community include lack of additional training for planning board.

### Compliance History

The Town of Allegany last Community Assistance Visit (CAV) took place on January 4, 2011 and the last Community Assistance Contact took place on April 27, 1999.

### Regulatory

The Town of Allegany does not have an updated flood damage prevention ordinance. The floodplain management program does not meet the minimum requirements because it does not include the required freeboard. The Department of Environmental Conservation is a local resource that supports floodplain management and meeting the NFIP requirements.

### Additional Areas of Existing Integration

**Town Website:** The Town of Allegany’s website (<https://allegany.org/index.php?Town%20of%20Allegany>) hosts town information and announcements.

### Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must all be in place and available for public awareness to protect residents, mitigate risk, and relocate residents, if necessary, to maintain post-disaster social and economic stability.

### Evacuation Routes

The Town of Allegany identified Route 417, I-86, and Route 16 as evacuation routes.

### Sheltering

Site name Highway Fire Hall located at 3790 Birch Run Road. It can accommodate pets and provides basic medical services. It is ADA compliant but does not have back up power.



### Temporary Housing

No temporary housing was identified by the town. Action 2020-Town of Allegany-014 has been created to identify potential temporary housing to use in the event of an emergency.

### Permanent Housing

No permanent housing was identified by the town, but the county identified potential permanent housing location shown in Figure 9.2-1 and Figure 9.2-2. Action 2020-Town of Allegany-014 has been created to identify potential permanent housing to use in the event of an emergency.

## 9.2.5 Hazard Event History Specific to the Town of Allegany

Cattaraugus County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. The Town of Allegany’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Cattaraugus County. Table 9.2-11 provides details regarding municipal-specific loss and damages the town experienced during hazard events. Information provided in the table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.2-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
October 27- November 8, 2012	Hurricane Sandy (FEMA-EM-3351)	Yes	Remnants of Hurricane Sandy brought strong winds and heavy rains to western and north central New York. Rainfall amounts of two to five inches were measured across the area with some area creeks reaching bankful. The high winds downed trees and power lines throughout the region. Wind gusts were measured to 60 mph.	Although the county was impacted, the Town of Allegany did not report any damages.
May 13-22, 2014	Severe Storms and Flooding (FEMA-DR-4180)	Yes	Heavy showers and embedded thunderstorms trained across the western Southern tier. Rainfall amounts of one to three inches in just a few hours resulted in flash flooding across the region. Roads and culverts were washed out. Numerous roads were water-covered and closed.	Although the county was impacted, the Town of Allegany did not report any damages.
November 17-26, 2014	Severe Winter Storm, Snowstorm, and Flooding (FEMA-DR-4204)	Yes	Lake effect snow resulted in heavy snowfall across the region.	Although the county was impacted, the Town of Allegany did not report any damages.
July 14, 2015	Flash Flood	No	Numerous rounds of storms along a stationary cold front resulted in flash flooding. Damaging winds occurred in some areas of the County.	Although the county was impacted, the Town of Allegany did not report any damages.



Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
March 8, 2017	High Wind	No	A strong low pressure system brought strong and damaging winds to the entire region.	Although the county was impacted, the Town of Allegany did not report any damages.

Notes:

- EM      *Emergency Declaration (FEMA)*
- FEMA   *Federal Emergency Management Agency*
- DR      *Major Disaster Declaration (FEMA)*
- N/A     *Not applicable*

### 9.2.6 Hazard Ranking and Jurisdiction-Specific Vulnerabilities

The hazard profiles in Section 5.0 (Risk Assessment) of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Town of Allegany’s risk assessment results and data used to determine the hazard ranking.

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.
- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.

### Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Cattaraugus as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Allegany. The Town of Allegany has reviewed the county hazard risk/vulnerability risk ranking table as well as its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Town of Allegany indicated the following:

- The town decided to change utility failure from high to medium due to repeated power loss events.





Table 9.2-12. Hazard Ranking Input

Flood	Landslide	Severe Storm	Severe Winter Storm	Utility Failure*	Wildfire
Low	Low	Low	Low	Medium	Low

Note: The scale is based on the following hazard rankings as established in Section 5.3.

\*The town changed the initial ranking of this hazard based on event history, experience, and feedback

### Critical Facilities

New York Department of Environmental Conservation (DEC) Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless constructed according to specific mitigation specifications, including being raised 2’ above the Base Flood Elevation (BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, the State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 0.2-percent chance flood event, or worst damage scenario. For those that do not meet this criterion, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities in the community located in the 1-percent annual chance floodplain and presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.2-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure	Addressed by Proposed Action
		1% Event	
Saint Bonaventure University	College/University	X	2020-Town of Allegany-005
Potter Lumber CO. LLC	HAZMAT	X	2020-Town of Allegany-006
Believers Chapel Inc.	Religious	X	2020-Town of Allegany-007
First Free Methodist	Religious	X	2020-Town of Allegany-008
Living Waters Church	Religious	X	2020-Town of Allegany-009
Order of Friars	Religious	X	2020-Town of Allegany-010
Village of Allegany Wastewater Treatment Plant	Wastewater	X	2020-Town of Allegany-011

Source: Cattaraugus County, 2020

### Identified Issues

The town has identified the following vulnerabilities within their community:

- Landslides along the Allegany River is threatening property and roads in the town.
- The Abundant Life Ministries of Cattaraugus County is in the special flood area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.
- River’s Edge United Methodist is in the special flood area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.
- Viaduct flooded/repetitive flooding on State Route 417/Anderson
- Steam Valley flooding, culverts are undersized
- Flooding on Creek Road (near bridge) and Haskell Road (County)
- Rural/underserved community with poor internet accessibility
- The Town of Allegany lacks an updated flood damage prevention ordinance.





- Floodplain Administration staff require additional training.
- Additional public education on wildfire risk is needed
- The town has not identified potential housing locations in the event of an emergency

### 9.2.7 Mitigation Strategy and Prioritization

---

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

#### Past Mitigation Initiative Status

---

The following table indicates progress on the community’s mitigation strategy identified in the 2014 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.2-14. Status of Previous Mitigation Actions

Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Cost		
B1.7	The Town of Allegany needs to have an adequate emergency center on the southern side of the Allegheny River.	Flood	Town	No emergency center on the southern side of Allegheny River	No Progress	Cost		1. Include in the 2020 HMP, as Action 2020-Town of Allegany-001 2. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
D1.2	Remove large boulders and other obstructions in highway right of way in the Town of Allegany.	Ice Storms	Town	Boulders causing potential transportation accidents	No Progress	Cost		1. Include in the 2020 HMP, as Action 2020-Town of Allegany-002 2. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
G1.8	Study slide conditions along the Cattaraugus Creek in the towns of Ashford, East Otto, and Otto.	Landslide	Town		No Progress	Cost		1. Discontinue 2. 3. Not relevant
						Level of Protection		
						Damages Avoided; Evidence of Success		



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

The Town of Allegany has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2014 Plan:

- None identified

### Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Allegany participated in a mitigation action workshop in September 2020 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.2-15 summarizes the comprehensive range of specific mitigation initiatives the Town of Allegany would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

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

Table 9.2-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2020-Town of Allegany -001	Build an adequate emergency center on the southern side of the Allegheny River.	2	All Hazards	<p><b>Problem:</b> There is not an emergency center on the southern side of the Allegheny River. During an emergency, EMS has to drive a longer distance to and from the emergency center to care for residents on the southern side of the Allegheny River.</p> <p><b>Solution:</b> Work with an architect and construction company to develop plans and determine the best location and design for an adequate emergency center on the southern side of the Allegheny River. This will reduce the commute time to and from the emergency center which could result in saving more lives as patients get treated faster.</p>	No	None	Within 5 years	Town CEO, Emergency Management	TBD on engineering study	Adequate emergency center on the southern side of the Allegheny River	HMGP	Med	SIP	ES
2020-Town of Allegany -002	Removal of large boulders and other obstructions in highway right of way.	1	Severe Winter storm (Ice Storms)	<p><b>Problem:</b> Large boulders and other obstructions can cause potential traffic accidents</p> <p><b>Solution:</b> Remove boulders and obstructions in highway right of way.</p>	No	None	Within 2 years	Town	\$5,000	Decrease in transportation accidents and obstructions in the road during severe winter storm events	Operating budget	High	SIP	PR
2020-Town of Allegany -003	Backup power generators for the highway garage	1,2	All Hazards	<p><b>Problem:</b> Backup power sources are necessary to maintain critical services for critical facilities. The Highway Garage lacks permanent power source. The Highway Garage houses town vehicles and highway equipment.</p> <p><b>Solution:</b> The Town Engineer will research what size generator is necessary to</p>	Yes	None	1 year	Town Highway Department, Town Engineer	\$50,000	Ensures continuity of operations of the Highway Garage	FEMA HMGP and PDM, USDA Community Facilities Grant Program, EMPG,	High	SIP	PR





Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				supply backup power to the Highway Garage. The town will then install a backup power generator and necessary electrical components.							Municipal Budget			
2020-Town of Allegany -004	Update the town's Flood Damage Prevention Ordinance	2	Flood	<p><b>Problem:</b> The town's flood damage prevention ordinance was last updated in 1987</p> <p><b>Solution:</b> Update the town's flood damage prevention ordinance</p>	No	None	Within 6 months	Town Board	<\$100	Meet NFIP requirements, buildings built to a higher standard.	Town Budget	High	LPR	PR
2020-Town of Allegany -005	Work with the Saint Bonaventure University facility owner on how they can protect their buildings.	2,3	Flood	<p><b>Problem:</b> The Saint Bonaventure University is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.</p> <p><b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.</p>	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
2020-Town of Allegany -006	Work with Potter Lumber CO. LLC facility owner on how they can protect their building.	2,3	Flood	<p><b>Problem:</b> The Potter Lumber CO. LLC facility is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.</p> <p><b>Solution:</b> The FPA will contact the facility owner and discuss options for protecting the facility to the 0.2% annual change flood level.</p>	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI



Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2020-Town of Allegany -007	Work with Believers Chapel Inc facility owner on how they can protect their building.	2,3	Flood	<b>Problem:</b> The Believers Chapel Inc is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
				<b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.										
2020-Town of Allegany -008	Work with the First Free Methodist facility owner on how they can protect their building.	2,3	Flood	<b>Problem:</b> First Free Methodist facility is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
				<b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.										
2020-Town of Allegany -009	Work with Living Waters Church facility owner on how they can protect their building.	2,3	Flood	<b>Problem:</b> Living Waters Church is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
				<b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.										



Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2020-Town of Allegany -010	Work with the Order of Friars facility owner on how they can protect their building.	2,3	Flood	<p><b>Problem:</b> The Order of Friars facility is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.</p> <p><b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.</p>	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
2020-Town of Allegany -011	Work with the village on how they can protect their Wastewater Treatment Plant to the 0.2% annual chance flood event.	2,3	Flood	<p><b>Problem:</b> The Village of Allegany’s Wastewater Treatment Plant is in the special flood hazard area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.</p> <p><b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood level.</p>	Yes	None	Within 6 months	FPA	TBD by selected mitigation actions	Facility can continue operations and emergency coordination is established	HMGP, BRIC, town budget	Med	EAP	PI
2020-Town of Allegany -012	Floodplain Administrator to attend training on floodplain management	3	Flood	<p><b>Problem:</b> Floodplain Managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties.</p> <p><b>Solution:</b> Obtain/host training and certification for floodplain managers.</p>	No	None	Within 5 years	Cattaraugus County Emergency Management /Cattaraugus County Codes Department	\$3,000	Certified floodplain managers trained Floodplain management improved.	County budget	High	LPR	PR
2020-Town of	Provide information to residents,	3	Wildfires	<p><b>Problem:</b> Additional public education on wildfire risk is needed</p>	No	None	1 year	Town board	\$4,000	Public educated and better	Town budget	High	EAP	PI





Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
Allegany -013	business owners, and organizations about what they can do to protect their structures from wildfires			<b>Solution:</b> The town will develop an outreach program to educate the public about wildfires and what they can do to protect their structures.						prepared and protected from hazards				
2020-Town of Allegany -014	Identify temporary and permanent housing location(s) for residents in the event of an emergency.	2	All Hazards	<b>Problem:</b> The Town of Allegany currently does not have a temporary or permanent housing location in the event of an emergency. <b>Solution:</b> The town will confirm locations and notify households and businesses through mailing	No	None	6 months	Town Mayor/Town Clerk	\$250	Temporary and permanent housing for populations effected by hazard	Municipal Budget	High	LPR	ES
2020-Town of Allegany -015	Trim tree limbs away from buildings and structures.	1	Storms (Ice, winter, severe), tornadoes	<b>Problem:</b> The town does not have a tree trimming program in place. It is unknown the safety of trees throughout the town. During wind events or heavy snow, falling tree branches can damage utilities and private property. <b>Solution:</b> The town will develop a tree trimming maintenance program and remove trees that pose a threat to structures	No	None	3 months	Municipalities and W.C. Hwy Dept	\$5,000	Reduction in power loss, property damage	HMGP, BRIC, municipal budget	High	SIP	PP
2020-Town of Allegany -016	Repair present and install new stormwater drainage system	2	Flood, Severe Storm	<b>Problem:</b> Stormwater flooding is a problem throughout the town. <b>Solution:</b> Conduct an engineering study to determine upgrades to the stormwater drainage system.	No	None	6 months	Town Board	TBD on engineering study	Reduction in flooding	HMGP, BRIC, CHIPS, municipal budget	High	SIP	SP
2020-Town of	Update the Emergency Operations Plan	2	All Hazards	<b>Problem:</b> The town has an outdated emergency operation plan	No	None	Within 1 year	County, Town	<\$100	EOPs updated	Municipal budget	High	LPR	ES





Table 9.2-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
Allegany -017				<b>Solution:</b> Update the town's emergency operation plan										
2020-Town of Allegany -018	Update Building Codes	2	All Hazards	<b>Problem:</b> The town has outdated building codes. <b>Solution:</b> Update the town's building codes	No	None	Within 1 year	County, Town	<\$100	Building Codes to provide standards to protect buildings from hazards	Municipal Budget	High	LPR	PR

Notes:

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

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- EHP Environmental Planning and Historic Preservation
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- Med. Medium
- N/A Not applicable
- NFIP National Flood Insurance Program
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- BRIC Building Resilient Infrastructure and Communities

Timeline:

The time required for completion of the project upon implementation

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Critical Facility:

Yes Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.





- *Natural Systems Protection (NSP)* – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- *Education and Awareness Programs (EAP)* – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

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



Table 9.2-16. Summary of Prioritization of Actions

Project Number	Project Name	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
2020-Town of Allegany-001	Build an adequate emergency center on the southern side of the Allegheny River.	1	0	0	1	1	1	0	0	1	1	1	0	1	0	8	Medium
2020-Town of Allegany-002	Removal of large boulders and other obstructions in highway right of way.	1	1	1	1	1	1	1	0	1	1	0	1	0	0	10	High
2020-Town of Allegany-003	Backup power generators for the highway garage	1	1	1	1	1	1	0	1	1	1	1	1	1	0	12	High
2020-Town of Allegany-004	Update the town's Flood Damage Prevention Ordinance	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Town of Allegany-005	Work with the Saint Bonaventure University facility owner on how they can protect their buildings.	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-006	Work with Potter Lumber CO. LLC facility owner on how they can protect their building.	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-007	Work with Believers Chapel Inc facility owner on how they can protect their building	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-008	Work with the First Free Methodist facility owner on how they can protect their building	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-009	Work with the Living Waters Church facility owner on how they can protect their building.	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium



Table 9.2-16. Summary of Prioritization of Actions

Project Number	Project Name	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
2020-Town of Allegany-010	Work with the Order of Friars facility owner on how they can protect their building	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-011	Work with the village on how they can protect their Wastewater Treatment Plant to the 0.2% annual chance flood event.	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Allegany-012	Floodplain Administrator to attend training on floodplain management	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2020-Town of Allegany-013	Provide information to residents, business owners, and organizations about what they can do to protect their structures from wildfires	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2020-Town of Allegany-014	Identify temporary and permanent housing location(s) for residents in the event of an emergency.	1	0	1	1	1	1	1	1	1	1	1	1	1	1	13	High
2020-Town of Allegany-015	Trim tree limbs away from buildings and structures.	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Allegany-016	Repair present and install new stormwater drainage system	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Allegany-017	Update the Emergency Operations Plan	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Town of Allegany-018	Update Building Codes	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).







### 9.2.8 Proposed Mitigation Action Types

The table below indicates the range of proposed mitigation action categories.

Table 9.2-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Flood	X	X		X	X	X			X	X
Landslide	X	X			X					
Severe Storm	X	X			X	X			X	
Severe Winter Storm	X	X			X	X				
Utility Failure	X	X			X					
Wildfire	X	X		X	X		X			

Note: Section 6 (Mitigation Strategy) provides for an explanation of the mitigation categories.

### 9.2.9 Staff and Local Stakeholder Involvement in Annex Development

The Town of Allegany followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many town departments, including: The Supervisor and Highway Superintendent. The Supervisor and Highway Superintendent represented the community on the Cattaraugus County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meetings).

### 9.2.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Allegany that illustrates the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and is considered to be adequate for planning purposes. The maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Allegany has significant exposure. The maps are illustrated below.



Figure 9.2-1. Town of Allegany Hazard Area Extent and Location Map 1

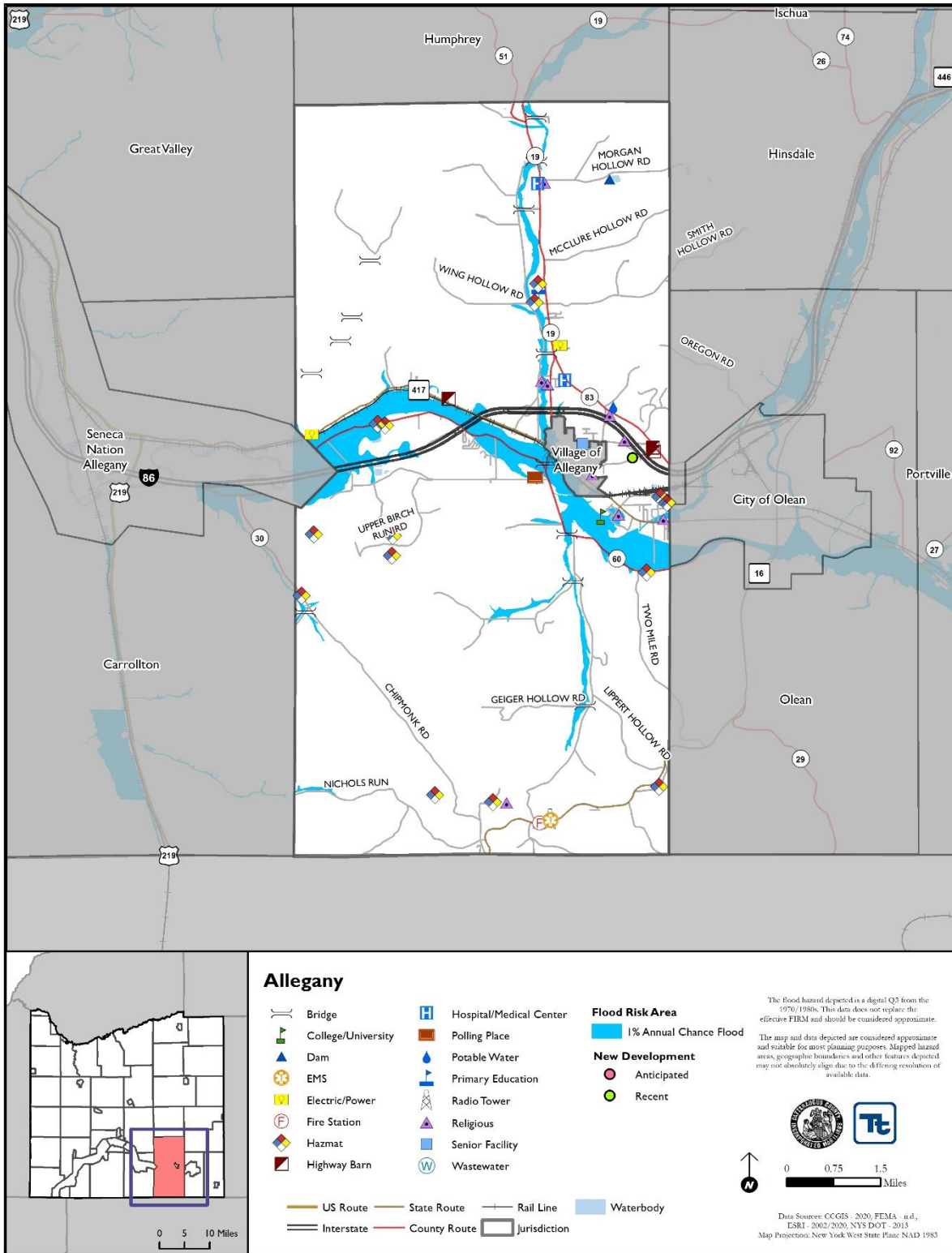
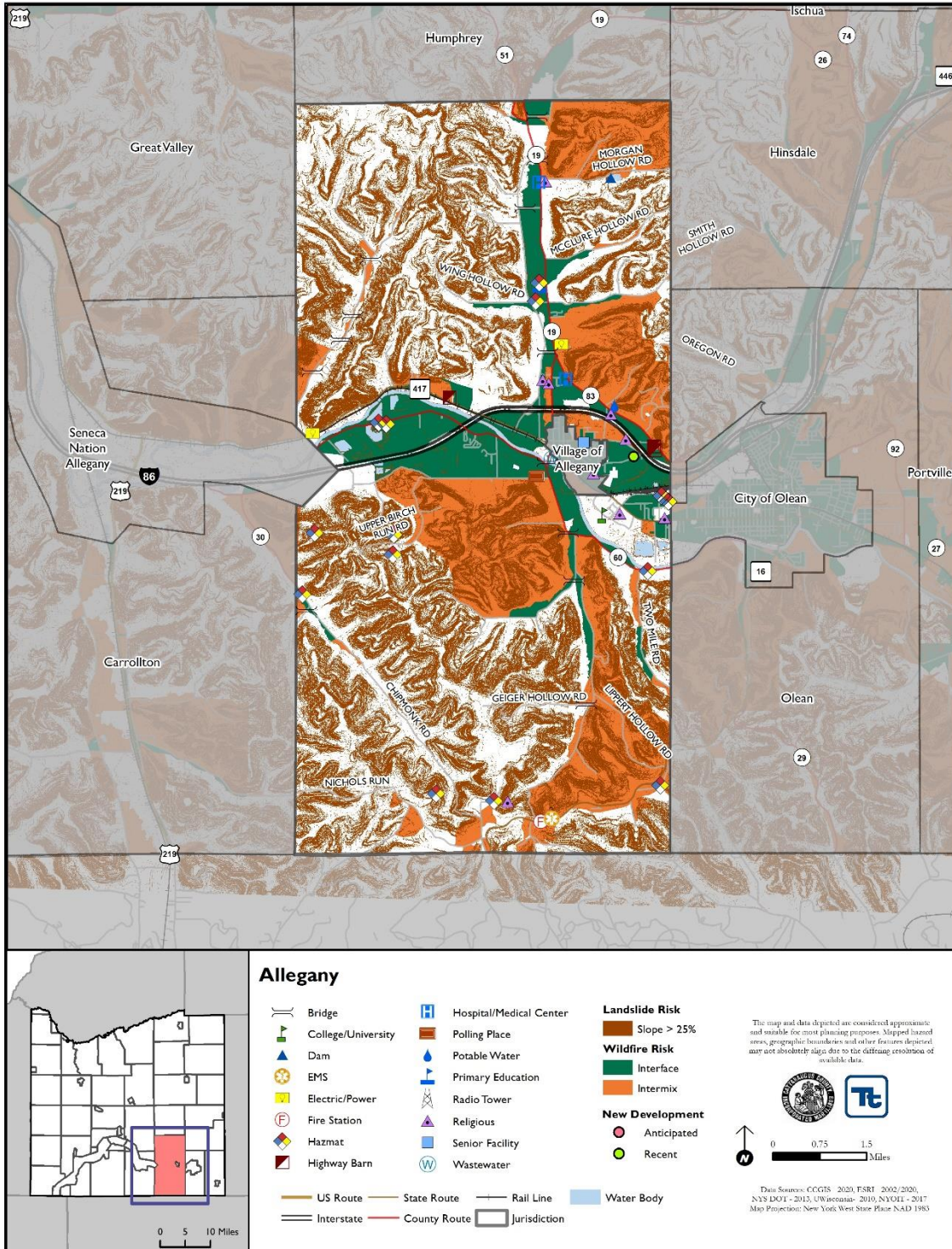




Figure 9.2-2. Town of Allegany Hazard Area Extent and Location Map 2







Town of Allegany Action Worksheet			
<b>Project Name:</b>	Build an adequate emergency center on the southern side of the Allegany River		
<b>Project Number:</b>	2020-Town of Allegany-001		
<b>Risk / Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	All Hazards		
<b>Description of the Problem:</b>	There is not an emergency center on the southern side of the Allegany River. During an emergency, EMS has to drive a longer distance to and from the emergency center to care for residents on the southern side of the Allegany River.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Work with an architect and construction company to develop plans and determine the best location and design for an adequate emergency center on the southern side of the Allegany River. This will reduce the commute time to and from the emergency center which could result in saving more lives as patients get treated faster.		
<b>Is this project related to a Critical Facility?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the 100-year floodplain?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Adequate emergency center on the southern side of the Allegany River
<b>Useful Life:</b>	TBD by engineering study	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	TBD by engineering study	<b>Mitigation Action Type:</b>	Structure and Infrastructure Project
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	Medium	<b>Desired Timeframe for Implementation:</b>	Within 5 years
<b>Estimated Time Required for Project Implementation:</b>	Within 5 years	<b>Potential Funding Sources:</b>	HMGP
<b>Responsible Organization:</b>	Town CEO, Emergency Management	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation, Emergency Management
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Build a clinic	N/A	Emergency services not provided
	Build an emergency center in a different location	N/A	It still would be a long commute for the population on the southern side of the Allegany River.
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Build an adequate emergency center on the southern side of the Allegany River	
<b>Project Number:</b>	2020-Town of Allegany-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Population on southern side of Allegany River will have access to emergency shelter
Property Protection	0	
Cost-Effectiveness	0	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Project requires funding support
Environmental	0	
Social	1	Public support for this project
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	0	Within 5 years
Agency Champion	1	Town CEO, Emergency Management
Other Community Objectives	0	
<b>Total</b>	8	
<b>Priority (High/Med/Low)</b>	Medium	



Town of Allegany Action Worksheet			
<b>Project Name:</b>	Provide backup power generators for the highway garage.		
<b>Project Number:</b>	2020-Town of Allegany-003		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	All Hazards		
<b>Description of the Problem:</b>	Backup power sources are necessary to maintain critical services for critical facilities. The Highway Garage lacks a permanent power source. The Highway Garage houses town vehicles and highway equipment.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The Town Engineer will research what size generator is necessary to supply backup power to the Highway Garage. The town will then install a backup power generator and necessary electrical components.		
<b>Is this project related to a Critical Facility?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the 100-year floodplain?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Ensures continuity of operations of the Highway Garage
<b>Useful Life:</b>	20 years	<b>Goals Met:</b>	1, 2
<b>Estimated Cost:</b>	\$50,000	<b>Mitigation Action Type:</b>	Structure and Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Immediately after funding received
<b>Estimated Time Required for Project Implementation:</b>	1 year	<b>Potential Funding Sources:</b>	FEMA HMGP and PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
<b>Responsible Organization:</b>	Engineer, Town Highway Department	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Install solar panels	\$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	\$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Provide backup power generators for the highway garage	
<b>Project Number:</b>	2020-Town of Allegany-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of the Highway Garage
Property Protection	1	Project will protect Highway Garage from power loss
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has legal authority to complete the project.
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	
Timeline	1	1 year
Agency Champion	1	Town Highway Department, Engineer
Other Community Objectives	0	
<b>Total</b>	12	
<b>Priority (High/Med/Low)</b>	High	