9.3 VILLAGE OF ALLEGANY

This section presents the jurisdictional annex for the Village 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 village participated in the planning process; an assessment of the Village of Allegany's risk and vulnerability; the different capabilities utilized in the village; and an action plan that will be implemented to achieve a more resilient community.

9.3.1 Hazard Mitigation Planning Team

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

Table 9.3-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Frank Snyder/Public Works Superintendent Address: 106 East Main Street, Allegany, NY 14706 Phone Number: 716-373-1460 Email: alleganyhighway@yahoo.com	Name/Title: John Helgager/ CEO Address: 106 East Main Street, Allegany, NY 14706 Phone Number: 716-373-1460 Email: j.helgager@gmail.com
NFIP Floodplain Administrator	
Name/Title: John Helgager/Code Enforcement Officer Address: 106 E. Main S Allegany, NY 14706 Phone Number: 373-1460 Email: j.helgager@gmail.com	

9.3.2 Municipal Profile

The Village of Allegany is located in the eastern part of the Town of Allegany in Cattaraugus County in western New York State. The Village of Allegany has a total area of 0.71 square miles. The village is located north of the Allegany River and New York State Route 417 passes through the village. The village is bordered to the west of the city of Olean.

The estimated 2018 population was 1,922, a 5.9 percent increase in population from 2010 (1,814 persons). Data from the 2018 U.S. Census American Community Survey indicate that 7.4 percent of the village population is 5 years of age or younger and 12.1 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 and Village of Allegany rest on the banks of the scenic Allegheny River in Southwestern, New York. The Village of Allegany was incorporated in 1906, it was formerly known as "Burton." Allegany has always been a land rich in various types of agriculture. Dairy farming, various fruit farming, and maple syrup were among the many products once prevalent in the area.

9.3.3 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 9.3-2 summarizes recent and expected future development trends, including major residential/commercial

development and major infrastructure development. Figure 9.3-1 and Figure 9.3-2 at the end of this annex illustrates the geographically-delineated hazard areas and the location of potential new development, where available.

Table 9.3-2. Recent and Expected Future Development

Type of Development	2014		2015		2016		2017		2018	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)										
	Total	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**
Single Family	0	0	0	0	0	0	0	0	0	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	1	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**

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
Recent Major Development and Infrastructure from 2014 to Present					
N/A					
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years					
N/A					

SFHA Special Flood Hazard Area (1% flood event)

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

9.3.4 Capability Assessment

The Village 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 9.3.4). The Village 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 Village of Allegany and where hazard mitigation has been integrated.

Table 9.3-3. 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?	
Codes, Ordinances, & Requirements							
Building Code	Yes	LL-2-1983	Local	Clerk	Yes	No	2020-Village of Allegany-020
Comments: NYS Codes Division IBC 2015/NYSDoc Sup 2016							
Zoning Code	Yes	Village of Allegany Zoning Law, 7-7-03	Local	Clerk	No	Yes	-
Comment: None							
Subdivisions	Yes	LL1-2005 Subdivision Regulations	Local	Planning Board	No	Yes	-
Comment: None							
Stormwater Management	Yes	B2.18	Village	DPW	Yes	Yes	-
Comment: Improve storm sewer drainage in Village of Allegany on 7th S							
Post-Disaster Recovery	No	-	-	-	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	-	-	-	No	-	-
Comment: None							
Site Plan Review	Yes	Village law	Village	Codes	No	Yes	-
Comment: None							
Environmental Protection	No	-	-	-	Yes	-	-
Comment: None							
Flood Damage Prevention	Yes	1991	State, Local	FPA	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	No	2020-Village of Allegany-015
Comment: None							
Municipal Separate Storm Sewer System (MS4)	Yes	Local Law No. 2-2002	Local	Board of Trustees	Yes	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							
Emergency Management	No	-	-	-	Yes	No	2020-Village of Allegany-019
Comment: None							
Climate Change	No	-	-	-	Yes	-	-
Comment: None							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comment: None							
Disaster Reconstruction Ordinance	No	-	-	-	No	-	-
Comment: None							
Other	No	-	-	-	-	-	-
Planning Documents							
Comprehensive Plan	Yes	Comprehensive Plan	Local	Administration	No	Yes	-
Comment: None							
Capital Improvement Plan	In progress	Capital Improvement Plan	Local	Administration	No	No	-
Comment: None							
Disaster Debris Management Plan	No	-	-	-	No	-	-
Comment: None							
Floodplain or Watershed Plan	No	-	-	-	No	-	-
Comment: None							
Stormwater Plan	No	-	-	-	No	-	-
Comment: None							
Open Space Plan	No	-	-	-	Yes	-	-
Comment: None							
Urban Water Management Plan	No	-	-	-	No	-	-
Comment: None							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comment: None							
Economic Development Plan	In progress				No	-	-
Comment: None							
Shoreline Management Plan	No	-	-	-	Yes	-	-
Comment: None							
Community Wildfire Protection Plan	No	-	-	-	No	-	-

	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							
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							
Response/Recovery Planning							
Comprehensive Emergency Management Plan	No	-	-	-	Yes	No	2020-Village of Allegany-019
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	-	-
What other plans or codes refer to the Post-Disaster Recovery Plan? None							
Continuity of Operations Plan	Yes	Continuity of Operations Plan	Local	OEM	No	Yes	-
Comment: None							
Public Health Plan	No	-	-	-	No	-	-
Comment: None							
Other	No	-	-	-	No	-	-

Table 9.3-4. 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	No- approximately 90% built out

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
If no, please quantitatively describe the level of buildout in the jurisdiction.	

Administrative and Technical Capability

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

Table 9.3-5. Administrative and Technical Capabilities

Resources	Available? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Village 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	Town of Allegany, City of Olean
Technical/Staffing Capability		
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	No	-
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 Village of Allegany.

Table 9.3-6. 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

Financial Resources	Accessible or Eligible to Use (Yes/No)
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 Village of Allegany.

Table 9.3-7. Education and Outreach Capabilities

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications office?	Yes- volunteer from St. Bonaventure (student)
Personnel skilled or trained in website development?	Yes, City of Olean IT Department
Hazard mitigation information available on your website; if yes, describe	No
Social media for hazard mitigation education and outreach; if yes, briefly describe.	No, could if need be
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.	No
Warning systems for hazard events; if yes, briefly describe.	None in place
Natural disaster/safety programs in place for schools; if yes, briefly describe.	Yes, fire and severe storm safety programs
Other	No

Community Classifications

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

Table 9.3-8. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	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 village 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 9.3-9. 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)

John Helgager, Building Code Enforcement Officer.

National Flood Insurance Program (NFIP) Summary

The Village of Allegany identified Union Street, South Seventh Street, Maple Street, and 1st Street as prone to flooding. The village maintains a list of properties that have been damaged by flooding, but they do not maintain a list of property owners interested in flood mitigation. The village Code Enforcement Officer and Mayor make Substantial Damage determinations. There are not any RiskMAP projects currently underway and no projects have been mitigated. The village's flood hazard maps adequately address the flood risk within the village.

The following table summarizes the NFIP statistics for the Village of Allegany.

Table 9.3-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Village of Allegany	38	27	$179,738	8

Source: *NYS DHSES 2020*
Notes: *Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and current as of February 28, 2018. 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 village does not have access to resources to determine possible future flooding condition from climate change. Additional training would be beneficial for the village to support its floodplain management program. The NFIP administration services the village provides include permits and inspections. The village 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 Village of Allegany does not have any outstanding NFIP compliance violations. The most recent Community Assistance Visit (CAV) was on November 10, 2010 and the most recent Community Assistance Contact (CAC) was on July 22, 2002.

Regulatory

The Village of Allegany does not have an updated flood damage prevention ordinance. The floodplain management program does not meet the minimum requirements because the ordinance 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

Village Website: The Village of Allegany's website (https://www.allegany.org/) hosts village 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 Village of Allegany has identified Route 417 for east and west and County Road 19 going north for evacuation routes in the event of an emergency.

Sheltering

The village has identified four sites to use as shelters in the event of an emergency. One site is Allegany Fire Hall located at 186 Main Street. It can hold 300 people, accommodates pets, is ADA compliant, has backup power, and provides a defibrillator. Another site is Allegany-Limestone Central School located at 3131 5 Mile Road. It can hold 300 people, does not accommodate pets, is ADA compliant, has backup power, and provides a defibrillator. Another location identified is the Community Building located at 186 Main Street. It can hold 200 people, accommodates pets, is ADA compliant, and does not have backup power. The last site identified is the Old School Building located at 120 Maple Avenue. It can hold 200 people, accommodates pets, is not ADA complaint, and does not have backup power.

Temporary Housing

The village has identified four sites that are designated to be used as temporary housing in the event of an emergency. The first site is Allegany Fire Hall and Community Center, a fireman's park, located at 186 Main

Street. Infrastructure and utilities are available, it can hold up to 35 people. The site would just need inspected to ensure conformance with the NYS Uniform Fire Prevention and Building Code. Another site identified is St. Bonaventure University which is open land, located at 3261 West State Road, St. Infrastructure and utilities are available, and it can hold up to 50 people. Another site is Microtel, a hotel, located at 3234 NY-417, Olean. It has infrastructure and utilities available and can hold 20 people. Another site is also a hotel, the Hampton Inn located at 101 Main Street, Olean. It has infrastructure and utilities available and holds 50 people.

Permanent Housing

The Village of Allegany designated various sites as permanent housing in the event of an emergency. The sites vary between college and residential student housing. The county has identified potential temporary housing locations shown in Figure 9.3-1 and Figure 9.3-2.

9.3.5 Hazard Event History Specific to the Village 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 Village 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 9.3-11 provides details regarding municipal-specific loss and damages the village 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 9.3-11. 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, Village 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.	The Village of Allegany experienced minimal damage with tree and debris cleanup
November 17-26, 2014	Severe Winer Storm, Snow Storm, and Flooding (FEMA-DR-4204)	Yes	Lake effect snow resulted in heavy snowfall across the region.	Although the county was impacted, Village 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, Village of Allegany did not report any damages.
March 8, 2017	High Wind	No	A strong low-pressure system brought strong and damaging winds to the entire region.	The Village of Allegany experienced minimal

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
				damage with tree and debris cleanup

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

9.3.6 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 Village 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 Village of Allegany. The Village 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 Village of Allegany indicated the following:

- The Village of Allegany decided to change flood from low to high, landslide, severe storm, and severe winter storm from low to medium, and utility failure from low to medium.

Table 9.3-12. Hazard Ranking Input

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

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

**The village 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 500-year 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 9.3-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure 1% Event	Addressed by Proposed Action
Village of Allegany Wastewater Treatment Plant	Wastewater Treatment Plant	X	2020-Village of Allegany-002
Allegany Transfer Station	DPW	X	2020-Village of Allegany-003
Allegany Rescue & EMS Inc	EMS	X	2020-Village of Allegany-004
Allegany Fire Station	Fire Station	X	2020-Village of Allegany-005
Allegany tb Fire Comm	Fire Station	X	2020-Village of Allegany-006
Town of Allegany Bd of Fire Comm	Fire Station	X	2020-Village of Allegany-007
Village of Allegany Highway Barn	Highway Barn	X	2020-Village of Allegany-008

Source: Cattaraugus County 2020

Identified Issues

The town has identified the following vulnerabilities within their community:

- The Village of Allegany 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.
- Allegany Transfer Station 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.

- Allegany Rescue & EMS 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.
- The Allegany Fire Station 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.
- The Allegany TB Fire Comm 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.
- Town of Allegany BD of Fire Comm 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.
- The Village of Allegany Highway Barn 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.
- East and West Union Street is prone to riverine flooding.
- South 7th Street is prone to flooding.
- North and South First Street prone to riverine flooding.
- Village Highway Department does not have backup power.
- Village DPW facility does not have back up power.
- Water Pump Stations (water well #3 and #1 and Sewer Pump Stations #1 and #2 do not have back up power
- Flood Damage Prevention Ordinance is outdated.
- Various locations of multiple established residences located within the floodplain.
- Floodplain Administration staff require additional training.
- Additional public education on wildfire risk is needed.

9.3.7 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 9.3-14. 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.
B2.18	Improve storm sewer drainage in Village of Allegany on 7th St.	Flood	Village	Storm sewer drainage is outdated and needs upgraded	In progress	Cost		1. Include in 2020 HMP, as action 2020-Village of Allegany-001 2. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		

Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Village 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 Village 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 9.3-15 summarizes the comprehensive range of specific mitigation initiatives the Village 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 9.3-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.

Table 9.3-15. 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-Village of Allegany -001	Storm sewer replacement on 7th Street	2	Flood, Severe Storm	**Problem:** Flooding occurs on 7th St when there are heavy rains. **Solution:** Improve storm sewer drainage in Village of Allegany on 7th St.	No	None	Within 6 months	Highway Department	Staff time and equipment	Stormwater system kept functional	Town Budget	High	SIP	SP
2020-Village of Allegany -002	Protect the Village of Allegany Wastewater Treatment Plant to the 0.2% annual chance flood event.	1	Flood	**Problem:** The Village of Allegany 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. **Solution:** The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Wastewater Treatment Plant to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP
2020-Village of Allegany -003	Protect the Allegany Transfer Station to the 0.2% annual chance flood event	1	Flood	**Problem**: Allegany Transfer Station 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. **Solution:** The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Transfer Station to protect it to the 0.2% annual chance flood event. Options include:	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP

Table 9.3-15. 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
				•Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.										
2020-Village of Allegany -004	Protect the Allegany Rescue & EMS Inc to the 0.2% annual chance flood event	1	Flood	**Problem**: Allegany Rescue & EMS 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. **Solution:** The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Rescue & EMS Inc to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP
2020-Village of Allegany -005	Protect the Allegany Fire Station to the 0.2% annual chance flood event	1	Flood	**Problem**: The Allegany Fire Station 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. **Solution**: The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Rescue & EMS Inc to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP

Table 9.3-15. 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
				•Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.										
2020-Village of Allegany -006	Protect the Allegany TB Fire Comm to the 0.2% annual chance flood event	1	Flood	**Problem**: The Allegany TB Fire Comm 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. **Solution**: The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany TB Fire Comm to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP
2020-Village of Allegany -007	Protect the Town of Allegany Bd of Fire Comm to the 0.2% annual chance flood event	2,3	Flood	**Problem**: Town of Allegany BD of Fire Comm 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. **Solution**: The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Bd of Fire Comm to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP

Table 9.3-15. 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
				•Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.										
2020-Village of Allegany -008	Protect the Village of Allegany Highway Barn to the 0.2% annual chance flood event	1	Flood	**Problem:** The Village of Allegany Highway Barn 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. **Solution**: The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Highway Barn to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.	Yes	None	Within 5 years	Engineer, facility manager	TBD by feasibility assessment	Ensures continuity of operations of the facility	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG	High	SIP	PP
2020-Village of Allegany -009	Improve drainage on East and West Union St	2	Flood, Severe Storm	**Problem:** East and West Union Street prone to riverine flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding **Solution:** Install drainage ditches and channeling	No	None	Within 1 year	Frank Snyder, Infra-structure	$75,000	Drainage on Union St improved	HMGP, BRIC, Operating budget	High	SIP	SP
2020-Village of Allegany -010	Improve drainage on North and South 7th Street	2	Flood, Severe Storm	**Problem:** South 7th Street is prone to flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding	No	None	Within 1 year	Frank Snyder, Infra-structure	$75,000	Drainage on North and South 7th St improved	HMGP, BRIC, Operating budget	High	SIP	SP

Table 9.3-15. 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
				Solution: Install drainage ditches and channeling										
2020-Village of Allegany-011	Improve drainage on North and South First Street	2	Flood, Severe Storm	**Problem:** North and South First Street is prone to riverine flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding **Solution:** Install drainage ditches	No	None	Within 1 year	Village DPW, Cattaraugus County	$75,000	Drainage on North First St improved	HMGP, BRIC, Operating budget	High	SIP	SP
2020-Village of Allegany-012	Purchase generator for Highway Department	2	All Hazards	**Problem:** Backup power sources are necessary to maintain critical services for critical facilities. The Highway Department facility lacks a permanent power source **Solution:** The Village Engineer will research what size generator is necessary to supply backup power to the Highway Department. The village will then install a backup power generator and necessary electrical components	Yes	None	1 year	Highway Department, Engineer, OES	$50,000	Ensures continuity of operations of the Highway Department	FEMA HMGP and BRIC USDA Community Facilities Grant Program, EMPG, Municipal Budget	High	SIP	PP
2020-Village of Allegany-013	Purchase generator for DPW facility	2	All Hazards	**Problem:** Backup power sources are necessary to maintain critical services for critical facilities. The Village DPW facility lacks a permanent power source. **Solution:** The Village Engineer will research what size generator is necessary to supply backup power to the Village DPW. The village will then install a backup power generator and necessary electrical components.	Yes	None	1 year	Engineer, OEM	$50,000	Ensures continuity of operations of the DPW facility	FEMA HMGP and BRIC USDA Community Facilities Grant Program, EMPG, Municipal Budget	High	SIP	PP
2020-Village of	Generators for Water Pump Stations (water wells #1 and #3	2	All hazards	**Problem:** Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2 do not have back up power. Backup	Yes	None	Within 6 months	DPU: Frank Snyder	$140,000 for water wells and $110,000	Ensures continuity of operations	FEMA HMGP and BRIC USDA	High	SIP	PP

Table 9.3-15. 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 -014	and sewer pump stations #1 and #2			power sources are necessary to maintain critical services **Solution:** Purchase and install generators at water pump stations (two required at water well #1 and #3 and sewer ump stations #1 and #2)					for sewer pump stations	of Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2	Community Facilities Grant Program, EMPG, Municipal Budget			
2020-Village of Allegany -015	Update Flood Damage Prevention Ordinance	2	Flood	**Problem:** Flood Damage Prevention Ordinance is outdated **Solution:** Update the village's flood damage prevention ordinance	No	None	Within 6 months	Village Board	<$100	Meet NFIP reqs., buildings built to a higher standard.	Village Budget	High	LPR	PR
2020-Village of Allegany -016	Potential acquisition projects that are within the floodplain	1	Flood	**Problem:** All of East and West Union Street properties (south side of Union Street is primarily residential properties) are located within the floodplain and prone to flooding **Solution:** Acquire properties within the floodplain	No	None	Within 5 years	Building Code- John Helgager and Infra-structure- Frank Snyder	$150,000	Properties moved out of floodplain	HMGP, County Budget	Med.	SIP	PP
2020-Village of Allegany -017	Floodplain Administrator to attend training on floodplain management.	3	Flood	**Problem:** Floodplain Managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. **Solution:** Obtain/host training and certification for floodplain managers	No	None	Within 5 years	Cattaraugus County OES/ Cattaraugus County Codes Department	$3,000	Certified floodplain managers trained Floodplain management improved.	County budget	High	LPR	PR
2020-Village of	Provide residents, business owners, and organizations	3	Flood	**Problem:** Additional public education on wildfire risk is needed	No	None	1 year	Village board	$4,000	Public educated and better	Village budget	High	EAP	PI

Table 9.3-15. 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 -018	about what they can do to protect their structures from wildfires.			**Solution:** The village 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-Village of Allegany -019	Update the Emergency Operations Plan	2	All Hazards	**Problem:** outdated emergency operation plan **Solution:** Update the village's emergency operation plan	No	None	Within 1 year	County, Village	<$100	EOPs updated	Municipal budget	High	LPR	ES
2020-Village of Allegany -020	Update Building Codes	2	All Hazards	**Problem:** Outdated building codes **Solution:** Update the village's building codes	No	None	Within 1 year	County, Village	<$100	Building Codes to provide standards to protect buildings from hazards	Municipal Budget	High	LPR	PR
2020-Village of Allegany -021	Protect the Recycling/Transfer facility from flooding	2	Flood	**Problem:** The Recycling/Transfer facility is in the floodplain at West Union and South First Street. It has a holding pond and hazardous materials that could potentially create a HAZMAT situation during flooding events. **Solution:** Conduct a feasibility study to determine and implement best action to protect the Recycling/Transfer Facility from flooding	No	None	Within 2 years	DPU and CEO	TBD by feasibility study	Recycling/ Transfer Facility protected from flooding	HMGP, Municipal Budget	High	SIP	SP

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

Acronyms and Abbreviations:
CAV Community Assistance Visit
CRS Community Rating System

Potential FEMA HMA Funding Sources:
FMA Flood Mitigation Assistance Grant Program
HMGP Hazard Mitigation Grant Program

Timeline:
The time required for completion of the project upon implementation

DPW	*Department of Public Works*	*BRIC*	*Building Resilient Infrastructure and Communities*
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*		

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 9.3-16. 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-Village of Allegany-001	Storm sewer replacement on 7th Street	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Village of Allegany-002	Protect the Village of Allegany Wastewater Treatment Plant to the 0.2% annual chance flood event.	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-003	Protect the Allegany Transfer Station to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-004	Protect the Allegany Rescue & EMS Inc to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-005	Protect the Allegany Fire Station to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-006	Protect the Allegany TB Fire Comm to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-007	Protect the Town of Allegany Bd of Fire Comm to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-008	Protect the Village of Allegany Highway Barn to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Village of Allegany-009	Improve drainage on East and West Union St	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Village of Allegany-010	Improve drainage on South 7th Street	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High

Table 9.3-16. 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-Village of Allegany-011	Improve drainage on North and South First Street	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Village of Allegany-012	Purchase generator for Highway Department	1	1	1	1	1	1	0	0	1	1	1	1	1	0	11	High
2020-Village of Allegany-013	Purchase generator for DPW facility	1	1	1	1	1	1	0	0	1	1	1	1	1	0	11	High
2020-Village of Allegany-014	Generators for Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2	1	1	1	1	1	1	0	0	1	1	1	1	1	0	11	High
2020-Village of Allegany-015	Update Flood Damage Prevention Ordinance	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Village of Allegany-016	Potential acquisition projects that are within the floodplain	1	1	1	1	1	0	0	0	0	1	0	0	0	1	7	Medium
2020-Village of Allegany-017	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-Village of Allegany-018	Provide 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-Village of Allegany-019	Update the Emergency Operations Plan	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Village of Allegany-020	Update Building Codes	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Village of Allegany-021	Protect the Recycling/Transfer facility from flooding	1	1	1	1	1	1	0	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).

9.3.8 Proposed Mitigation Action Types

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

Table 9.3-17. Analysis of Mitigation Actions by Hazard and Category

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

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

9.3.9 Staff and Local Stakeholder Involvement in Annex Development

The Village 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 village departments, including: The Public Works Superintendent and Code Enforcement Officer. The Public Works Superintendent and Code Enforcement Officer 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).

9.3.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Village 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 Village of Allegany has significant exposure. The maps are illustrated below.

Figure 9.3-1. Village of Allegany Hazard Area Extent and Location Map 1

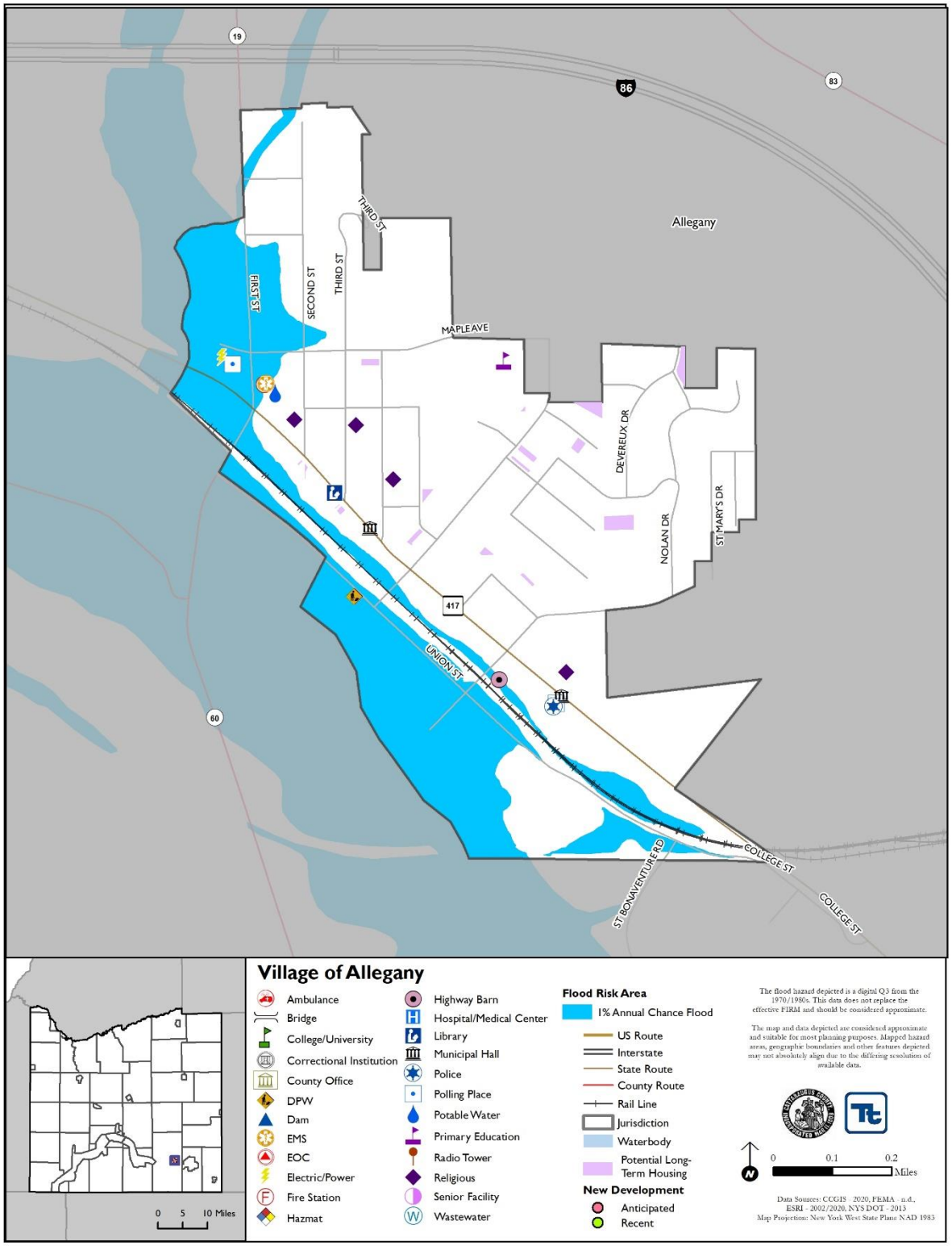
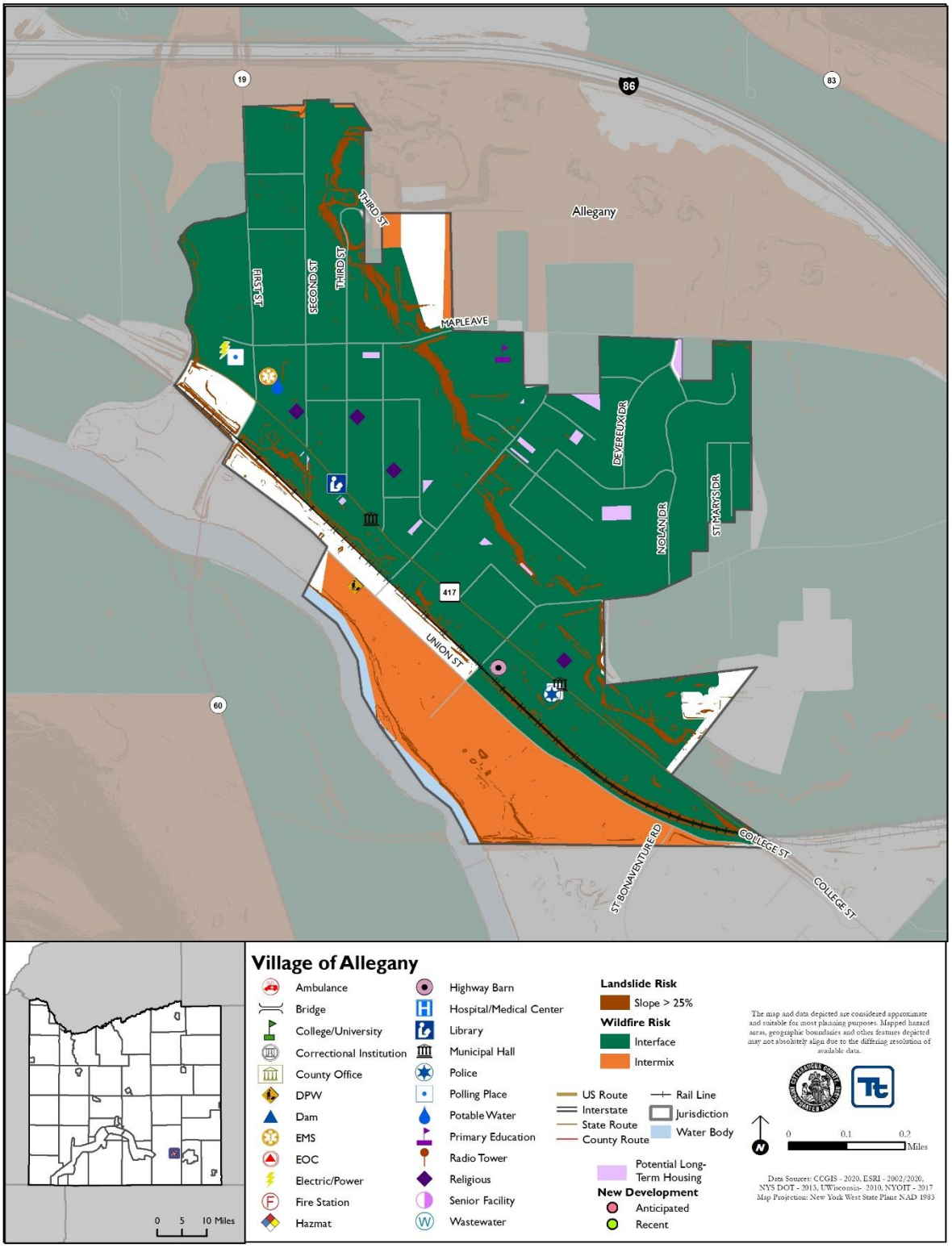


Figure 9.3-2. Village of Allegany Hazard Area Extent and Location Map 2



Village of Allegany Action Worksheet			
Project Name:	Protect the Village of Allegany Wastewater Treatment Plant to the 0.2% annual chance flood event.		
Project Number:	2020-Village of Allegany-002		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Village of Allegany 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Wastewater Treatment Plant to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate Wastewater Treatment Plant	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Village of Allegany Wastewater Treatment Plant to the 0.2% annual chance flood event.	
Project Number:	2020-Village of Allegany-002	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of Wastewater Treatment Plant
Property Protection	1	Project will protect Wastewater Treatment Plant from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Allegany Transfer Station to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Allegany Transfer Station 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Transfer Station to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate Allegany Transfer Station	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Allegany Transfer Station to the 0.2% annual chance flood event	
Project Number:	2020-Village 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 Transfer Station
Property Protection	1	Project will protect transfer Station from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Allegany Rescue & EMS Inc to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-004		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Allegany Rescue & EMS 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. 6 months for outreach		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Rescue & EMS Inc to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Allegany Rescue & EMS Inc to the 0.2% annual chance flood event	
Project Number:	2020-Village of Allegany-004	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of the Allegany Rescue & EMS Inc
Property Protection	1	Project will protect facility from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Allegany Fire Station to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-005		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Allegany Fire Station 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Rescue & EMS Inc to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Allegany Fire Station to the 0.2% annual chance flood event	
Project Number:	2020-Village of Allegany-005	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of the Allegany Fire Station
Property Protection	1	Project will protect facility from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Allegany TB Fire Comm to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-006		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Allegany TB Fire Comm 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany TB Fire Comm to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Allegany TB Fire Comm to the 0.2% annual chance flood event	
Project Number:	2020-Village of Allegany-006	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of the Allegany TB Fire Comm
Property Protection	1	Project will protect facility from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Town of Allegany Bd of Fire Comm to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-007		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Town of Allegany BD of Fire Comm 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Bd of Fire Comm to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Town of Allegany Bd of Fire Comm to the 0.2% annual chance flood event	
Project Number:	2020-Village of Allegany-007	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of the Allegany Bd of Fire Comm
Property Protection	1	Project will protect facility from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Protect the Village of Allegany Highway Barn to the 0.2% annual chance flood event		
Project Number:	2020-Village of Allegany-008		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Village of Allegany Highway Barn 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.		
Action or Project Intended for Implementation			
Description of the Solution:	The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Highway Barn to protect it to the 0.2% annual chance flood event. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☒	No ☐	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood event	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the facility
Useful Life:	TBD by feasibility assessment	**Goals Met:**	1
Estimated Cost:	TBD by feasibility assessment	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, HMGP, BRIC, village budget
Responsible Organization:	Engineer, facility manager	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Protect the Village of Allegany Highway Barn to the 0.2% annual chance flood event	
Project Number:	2020-Village of Allegany-008	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of the Allegany Highway Barn
Property Protection	1	Project will protect facility from flood damage.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, Facility Manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Improve drainage on East and West Union St		
Project Number:	2020-Village of Allegany-009		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, severe storm		
Description of the Problem:	East and West Union Street prone to riverine flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding		
Action or Project Intended for Implementation			
Description of the Solution:	Install drainage ditches and channeling		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Drainage on Union St improved
Useful Life:	50 years	**Goals Met:**	2
Estimated Cost:	$75,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, operating budget
Responsible Organization:	Frank Snyder; Infrastructure	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install retention basin	N/A	Not enough room.
	Install stormwater pipes	$200,000	Costly
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Improve drainage on East and West Union St	
Project Number:	2020-Village of Allegany-009	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will prevent transportation accidents
Property Protection	1	Project will protect properties on East and West Union Street from flooding
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has legal authority to complete this project
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	Within 1 year
Agency Champion	0	
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Improve drainage on North and South 7th Street		
Project Number:	2020-Village of Allegany-010		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	South 7th Street is prone to flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding.		
Action or Project Intended for Implementation			
Description of the Solution:	Install drainage ditches and channeling		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Drainage on North and South 7th St improved reducing flooding
Useful Life:	50 years	**Goals Met:**	2
Estimated Cost:	$75,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, Operating budget
Responsible Organization:	Frank Snyder, infrastructure	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install retention basin	N/A	Not enough room.
	Install stormwater pipes	$200,000	Costly
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Improve drainage on North and South 7th Street	
Project Number:	2020-Village of Allegany-010	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will prevent transportation accidents
Property Protection	1	Project will protect properties on South 7th Street from flooding
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has legal authority to complete this project
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	Within 1 year
Agency Champion	0	
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Improve drainage on North and South First Street		
Project Number:	2020-Village of Allegany-011		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, severe storm		
Description of the Problem:	North and South First Street is prone to riverine flooding from the Allegany River and tributaries feeding into the river. Residential, Commercial, and industrial (HAZMAT) facilities are at risk of flooding		
Action or Project Intended for Implementation			
Description of the Solution:	Install drainage ditches and channeling		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Drainage on North and South First St improved, and flooding reduced
Useful Life:	50 years	**Goals Met:**	2
Estimated Cost:	$75,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, operating budget
Responsible Organization:	Village DPW, Cattaraugus County	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install retention basin	N/A	Not enough room.
	Install stormwater pipes	$200,000	Costly
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Improve drainage on North and South First Street	
Project Number:	2020-Village of Allegany-011	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will prevent transportation accidents
Property Protection	1	Project will protect properties on North First Street from flooding
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has legal authority to complete this project
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	Within 1 year
Agency Champion	1	
Other Community Objectives	0	
Total	12	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Purchase generator for Highway Department		
Project Number:	2020-Village of Allegany-012		
Risk / Vulnerability			
Hazard(s) of Concern:	All Hazards		
Description of the Problem:	Backup power sources are necessary to maintain critical services for critical facilities. The Highway Department facility lacks a permanent power source Highway Department does not have backup power.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village Engineer will research what size generator is necessary to supply backup power to the Highway Department. The village will then install a backup power generator and necessary electrical components		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Backup power provided	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the Highway Department
Useful Life:	20 years	**Goals Met:**	2
Estimated Cost:	$50,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Immediately after funding is received
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP and BRIC USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Highway Department , Engineer, OEM	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation

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)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Action Worksheet		
Project Name:	Purchase generator for Village Highway Department	
Project Number:	2020-Village of Allegany-012	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of Village Highway Department
Property Protection	1	Project will protect facility from power loss.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	1 year
Agency Champion	1	Highway Department, Engineer
Other Community Objectives	0	
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Purchase generator for DPW facility		
Project Number:	2020-Village of Allegany-013		
Risk / Vulnerability			
Hazard(s) of Concern:	All Hazards		
Description of the Problem:	Backup power sources are necessary to maintain critical services for critical facilities. The Village DPW facility lacks a permanent power source.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village Engineer will research what size generator is necessary to supply backup power to the Village DPW. The village will then install a backup power generator and necessary electrical components		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Backup power provided	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of the DPW facility DPW facility
Useful Life:	20 years	**Goals Met:**	2
Estimated Cost:	$50,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Immediately after funding is received
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP and BRIC USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Highway Department Engineer, OEM	**Local Planning Mechanisms to be Used in Implementation if any:**	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)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Action Worksheet		
Project Name:	Purchase generator for DPW facility	
Project Number:	2020-Village of Allegany-013	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of DPW facility
Property Protection	1	Project will protect facility from power loss.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	1 year
Agency Champion	1	Highway Department, Engineer
Other Community Objectives	0	
Total	11	
Priority (High/Med/Low)	High	

Village of Allegany Action Worksheet			
Project Name:	Generators for Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2		
Project Number:	2020-Village of Allegany-014		
Risk / Vulnerability			
Hazard(s) of Concern:	All hazards		
Description of the Problem:	Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2 do not have back up power. Backup power sources are necessary to maintain critical services		
Action or Project Intended for Implementation			
Description of the Solution:	Purchase and install generators at water pump stations (two required at water well #1 and #3 and sewer ump stations #1 and #2)		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Backup power access	**Estimated Benefits (losses avoided):**	Ensures continuity of Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2
Useful Life:	20 years	**Goals Met:**	2
Estimated Cost:	$140,000 for water wells and $110,000 for sewer pump stations	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 6 months
Estimated Time Required for Project Implementation:	6 months	**Potential Funding Sources:**	FEMA HMGP and BRIC USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Frank Snyder- DPU	**Local Planning Mechanisms to be Used in Implementation if any:**	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)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Generators for Water Pump Stations (water wells #1 and #3 and sewer pump stations #1 and #2	
Project Number:	2020-Village of Allegany-014	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of Water Pump Stations
Property Protection	1	Project will protect facility from power loss.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	1 year
Agency Champion	1	Frank Snyder, DPU
Other Community Objectives	0	
Total	11	
Priority (High/Med/Low)	High	