



4. VILLAGE OF ALLEGANY

This jurisdictional annex to the Cattaraugus County Hazard Mitigation Plan (HMP) provides information to assist public and private sectors in the Village of Allegany with reducing losses from future hazard events. This annex is not guidance of what to do when a disaster occurs; its focus is on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. The annex presents a general overview of Allegany, describes who participated in the planning process, assesses Allegany’s risk, vulnerability, and capabilities, and outlines a strategy for achieving a more resilient community.

4.1 HAZARD MITIGATION PLANNING TEAM

The Village of Allegany identified primary and alternate HMP points of contact and developed this plan over the course of several months, with input from many Village departments. The Code Enforcement Officer represented the community on the Cattaraugus County HMP Planning Partnership and supported the local planning process 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.

Table 4-1 summarizes Village officials who participated in the development of the annex and in what capacity. Additional documentation of the Village’s planning activities through Planning Partnership meetings is included in Volume I.

Table 4-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: John Helgager, Code Enforcement Officer Address: 106 East Main Street, Allegany, NY 14706 Phone Number: 716-373-1460 Email: j.helgager@gmail.com	Name/Title: Anthony Papasergi, Highway Superintendent Address: 106 East Main Street, Allegany, NY 14706 Phone Number: 716-373-1460 Email: apapasergi@allegany.org
National Flood Insurance Program Floodplain Administrator	
Name/Title: John Helgager, Code Enforcement Officer Address: 106 East Main Street, Allegany, NY 14706 Phone Number: 716-373-1460 Email: j.helgager@gmail.com	

4.2 COMMUNITY 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.

Research has shown that some populations are at greater risk from hazard events because of decreased resources or physical abilities. These populations can be more susceptible to hazard events based on a number of factors including their physical and financial ability to react or respond during a hazard, and the location and construction quality of their housing. Data from the 2022 5-Year American Community Survey indicates that 4.2 percent of the



population is 5 years of age or younger, 26 percent is 65 years of age or older, 1.2 percent is non-English speaking, 20.3 percent is below the poverty threshold, and 13.9 percent is considered disabled.

4.3 JURISDICTIONAL CAPABILITY ASSESSMENT AND INTEGRATION

Allegany performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume I describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment for this annex includes analyses of the following:

- Planning and regulatory capabilities
- Development and permitting capabilities
- Administrative and technical capabilities
- Fiscal capabilities
- Education and outreach capabilities
- Classification under various community mitigation programs
- Adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into day-to-day local government operations. As part of the hazard mitigation analysis, planning and /policy documents were reviewed and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. Development of an updated mitigation strategy provided an opportunity for Allegany to identify opportunities for integrating mitigation concepts into ongoing Village procedures.

4.3.1 Planning and Regulatory Capability and Integration

Table 4-2 summarizes the planning and regulatory tools that are available to Allegany.

Table 4-2. Planning and Regulatory Capability and Integration

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
CODES, ORDINANCES, & REGULATIONS				
Building Code	Yes	Local Law 2022.2, providing for the Administration & Enforcement of the NY State Uniform Fire Prevention & Building Code	State and Local	Village Clerk
How has or will this be integrated with the HMP and how does this reduce risk? Code applies to construction, alteration, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.				
Zoning/Land Use Code	Yes	Village of Allegany Zoning Law, 7-7-03	Local	Village Clerk
How has or will this be integrated with the HMP and how does this reduce risk?				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
<p>Promote and protect, to the fullest extent practicable, the environment of the Village and the public health, safety, and general welfare of the people. To accomplish this intent, in accordance with the Village 's Comprehensive Plan, the Village Board finds it necessary and advisable to divide the area of the Village of Allegany into districts or zones, and to regulate the following elements of land use and development:</p> <p>(1) The location, spacing, size, height, and use of buildings and other structures, in relation to surrounding properties and uses.</p> <p>(2) The percentage of lot area which may be occupied, building setback lines, the sizes of yards, courts and other open spaces, and overall site plans.</p> <p>(3) The use of land for trade, industry, residences, recreation, public facilities and other purposes.</p> <p>(4) It is further the intent of this Zoning Ordinance to incorporate the land use-related goals of the Route 417 Corridor Management Plan, which are:</p> <p>(a) Improve traffic safety and pedestrian conditions.</p> <p>(b) Improve visual attractiveness.</p> <p>(c) Encourage innovative, quality architectural and site design.</p> <p>(d) Enhance the Town's tax base.</p> <p>(e) Minimize land use conflicts.</p>				
Subdivision Code	Yes	LL1-2005 Subdivision Regulations	Local	Planning Board
<p>How has or will this be integrated with the HMP and how does this reduce risk? Provides for the future growth and development of the Village of Allegany and for the purpose of affording adequate facilities for the housing, transportation, distribution, comfort, convenience, safety, health and welfare of its population.</p>				
Site Plan Code	Yes	LL1-2005 Subdivision Regulations	Local and County	Code Enforcement Officer
<p>How has or will this be integrated with the HMP and how does this reduce risk? If a cluster development includes multiple family dwellings, either as a part of the proposal or the entire proposal, the applicant shall submit a site plan that shows the open space areas; building locations; building elevations; and driveways, streets and parking areas. A landscaping plan is also required.</p>				
Stormwater Management Code	Yes	B2.18	Local	DPW
<p>How has or will this be integrated with the HMP and how does this reduce risk? To protect residents and property from adverse effects of stormwater runoff caused by the modification of existing drainage systems during construction, reconstruction, or development on one or more parcels of land, and to promote water quality.</p>				
Post-Disaster Recovery/ Reconstruction Code	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Real Estate Disclosure Requirements	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
<p>How has or will this be integrated with the HMP and how does this reduce risk? In addition to facing potential liability for failing to disclose under the exceptions to "caveat emptor," a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.</p>				
Growth Management	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Environmental Protection Ordinance(s)	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Flood Damage Prevention Ordinance	Yes	Local Law #2: 1987, Flood Damage Prevention	Federal, State, County and Local	Code Enforcement Officer
How has or will this be integrated with the HMP and how does this reduce risk?				
Promotes public health, safety, and general welfare, and to minimize public and private losses due to flood conditions in specific areas.				
A. Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities.				
B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.				
C. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters.				
D. Control filling, grading, dredging and other development which may increase erosion or flood damages.				
E. Regulate the construction of flood barriers which will unnaturally divert floodwaters, or which may increase flood hazards to other lands.				
F. Qualify for and maintain participation in the National Flood Insurance Program.				
Wellhead Protection	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Emergency Management Ordinance	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Climate Change Ordinance	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Other	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
PLANNING DOCUMENTS				
General/Comprehensive Plan	Yes	Comprehensive Plan	Local	Administration
How has or will this be integrated with the HMP and how does this reduce risk?				
Establishes policies that will guide future development in the Village of Allegany in order to promote viable economic development, to enhance its family-centered and small-town character, to enhance the livability and attractiveness of the community, and to preserve natural resources. The overarching purpose of the plan is to protect and promote the health, safety, and general welfare of the people of the Village, while giving due consideration to the needs of the people of the region of which the Village is a part.				
Capital Improvement Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Disaster Debris Management Plan	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Floodplain Management or Watershed Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Stormwater Management Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Open Space Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Urban Water Management Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Habitat Conservation Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Economic Development Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Community Wildfire Protection Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Community Forest Management Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Transportation Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Agriculture Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Climate Action/ Resilience/Sustainability Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Tourism Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Business/ Downtown Development Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Other How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
RESPONSE/RECOVERY PLANNING				
Comprehensive Emergency Management Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Continuity of Operations Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Substantial Damage Response Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Threat and Hazard Identification and Risk Assessment How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Post-Disaster Recovery Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Public Health Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
Other How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-

4.3.2 Development and Permitting Capability

Table 4-3 summarizes the capabilities of Allegany to oversee and track development.

Table 4-3. Development and Permitting Capability

	Yes/No	Comment
Do you issue development permits?	Yes	-
<ul style="list-style-type: none"> If you issue development permits, what department is responsible? If you do not issue development permits, what is your process for tracking new development? 	N/A	Code Enforcement
Are permits tracked by hazard area? (For example, floodplain development permits.)	No	-



	Yes/No	Comment
Do you have a buildable land inventory?	No	-
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	N/A	-
Describe the level of buildout in your jurisdiction.	N/A	Approximately 90% built out.

4.3.3 Administrative and Technical Capability

Table 4-4 summarizes potential staff and personnel resources available to Allegany and their current responsibilities that contribute to hazard mitigation.

Table 4-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
ADMINISTRATIVE CAPABILITY		
Planning Board	Yes	The Planning Board works to promote the health, safety, and welfare of the Village of Allegany. It hears and determines all applications for Special Use Permits and does Site Plan Review and approval or denial. The Board also works with the Board of Trustees on local laws and with the Code Enforcement Officer.
Zoning Board of Adjustment	Yes	The Zoning Board of Appeals has the responsibility to conduct hearings on issues appealed to it. These matters may be appeals from decisions of the Code Enforcement Officer, and questions involving interpretation of the Zoning Law.
Planning Department	No	-
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Public Works/Highway Department	Yes	Staff employed at the DPW include a Superintendent and (4) four Maintenance Workers. This department operates and maintains a drinking water system, a sanitary sewer system, and a storm sewer system. The employees of the Department of Public Works also maintain a network of streets, Village owned buildings, vehicles, equipment, properties and park.
Construction/Building/Code Enforcement Department	Yes	The Code Enforcement Officers responsibility is to enforce the International Building and Fire Protection Code, the New York State Uniform Building and Fire Protection Code, local municipal building codes, zoning ordinances, and multiple residency law. Duties are performed under the general direction of the Village board with leeway allowed for the use of independent judgmental carrying out the details of their work.



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Emergency Management/Public Safety Department	Yes	The Village of Allegany Police Department represents an organization whose existence is justified on the basis of community service. There are many responsibilities associated with our mission. They include enforcement of local, county, state and federal law; maintaining the peace and order of the community; protecting property and personal safety; educating the public; and assisting citizens in various situations.
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	No	-
Mutual aid agreements	Yes	Town of Allegany, City of Olean
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other: Tree Board	Yes	<p>The Village of Allegany Tree Board was formed to develop and help facilitate a plan for the development, conservation, and care of the "urban forest". Its goals are to review and update our village tree ordinance, and to develop a long-range plan for the urban forest of the village. In most cases, "urban forest" refers to trees in the village which are in or impact the public right of ways.</p> <p>Its primary purpose is to achieve an urban forest that is safe, healthy, diverse, pleasing to the senses, and functional. The Board welcomes input from interested and knowledgeable sources.</p>
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 Hazus applications	No	-
Staff that work with socially vulnerable populations or underserved communities	No	-
Environmental scientists familiar with natural hazards	No	-
Surveyors	No	-



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Emergency manager	No	-
Grant writers	No	-
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	No	-

4.3.4 Fiscal Capability

Table 4-5 summarizes financial resources available to Allegany.

Table 4-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvement project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas, or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	Yes
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state funding programs	Yes
Open Space Acquisition funding programs	Yes
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	Yes

4.3.5 Education and Outreach Capability

Table 4-6 summarizes the education and outreach resources available to Allegany.

Table 4-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment
Public information officer or communications office	Yes	Student volunteer from St. Bonaventure University
Personnel skilled or trained in website development	Yes	City of Olean IT Department
Hazard mitigation information available on your website	No	-
Social media for hazard mitigation education and outreach	No	-
Citizen boards or commissions that address issues related to hazard mitigation	No	-



Outreach Resources	Available? (Yes/No)	Comment
Warning systems for hazard events	No	-
Natural disaster/safety programs in place for schools	Yes	Fire and Severe Storm Safety program
Organizations that conduct outreach to socially vulnerable populations and underserved populations	No	-
Public outreach mechanisms / programs to inform citizens on natural hazards, risk, and ways to protect themselves during such events	No	-

4.3.6 Community Classifications

Table 4-7 summarizes classifications for community programs available to Allegany.

Table 4-7. Community Classifications

Program	Participating? (Yes/No)	Classification	Date Classified
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	Unknown	Unknown
National Weather Service StormReady Certification	No	-	-
Firewise Communities classification	No	-	-
New York State Climate Smart Communities	No	-	-
Other: Organizations with mitigation focus (advocacy group, non-government)	No	-	-

N/A = Not applicable
 — = Unavailable

4.3.7 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 2022). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. Table 4-8 summarizes the adaptive capacity for each identified hazard of concern and the Village’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement

Table 4-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Dam and Levee Failure	Moderate
Flood	Moderate
Landslide	Moderate



Hazard	Adaptive Capacity - Strong/Moderate/Weak
Pandemic	Moderate
Severe Storm	Moderate
Severe Winter Storm	Moderate
Utility Failure	Moderate
Wildfire	Moderate

4.4 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the National Flood Insurance Program (NFIP). The floodplain administrator listed in Table 4-1 is responsible for maintaining this information.

4.4.1 NFIP Statistics

Table 4-9 summarizes the NFIP policy and claim statistics for Allegany.

Table 4-9. Allegany NFIP Summary of Policy and Claim Statistics

# Policies	24
# Claims (Losses)	27
Total Loss Payments	\$179,738
# Repetitive Loss Properties (NFIP definition)	2
# Repetitive Loss Properties (FMA definition)	0
# Severe Repetitive Loss Properties	0

NFIP Definition of Repetitive Loss: The NFIP defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period since 1978.

FMA Definition of Repetitive Loss: FEMA’s Flood Mitigation Assistance (FMA) program defines a repetitive loss property as any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

Definition of Severe Repetitive Loss: A residential property covered under an NFIP flood insurance policy and: (a) That has at least four NFIP claim payments over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or (b) For which at least two separate claims payments have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building. At least two of the claims must have occurred within any 10-year period, more than 10 days apart.

Source: FEMA 2024

4.4.2 Flood Vulnerability Summary

Table 4-10 provides a summary of the NFIP program in Allegany.

Table 4-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	



NFIP Topic	Comments
Describe areas prone to flooding in your jurisdiction.	7th Street, South 7th Street, East Union Street, West Union Street, North 1st Street, South 1st Street
Do you maintain a list of properties that have been damaged by flooding?	No
Do you maintain a list of property owners interested in flood mitigation?	No
How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)?	Unknown
Are any RiskMAP projects currently underway in your jurisdiction? If so, state what projects are underway.	No
How do you make Substantial Damage determinations?	Unknown
How many Substantial Damage determinations were declared for recent flood events in your jurisdiction?	Unknown
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? If there are mitigation properties, how were the projects funded?	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? If not, state why.	Will adequately address after FEMA approves an updated version
NFIP Compliance	
What local department is responsible for floodplain management?	Code Enforcement
Are any certified floodplain managers on staff in your jurisdiction?	No
Do you have access to resources to determine possible future flooding conditions from climate change?	Yes, County GIS
Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	More localized (or on site) training to Cattaraugus County so training is more feasible to do with limited staffing.
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	Permit Review
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	If improvement is over 50 percent of the structure's existing value
What are the barriers to running an effective NFIP program in the community, if any?	Limited staffing and financial resources
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, state the violations.	No
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	CAC: July 22, 2002 CAV: October 9, 2020
What is the local law number or municipal code of your flood damage prevention ordinance?	Local Law #2: 1987, Flood Damage Prevention
What is the date that your flood damage prevention ordinance was last amended?	Amended 1989



NFIP Topic	Comments
Does your floodplain management program meet or exceed minimum requirements? If exceeds, in what ways?	Meets minimum requirements
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	Yes, the Village has site plan review to support requirements. Planning board considers efforts to reduce flood risk.
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No

4.5 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 appreciating a jurisdiction’s overall risk to its hazards of concern. Recent and expected future development trends, including major residential/commercial development and major infrastructure development, are summarized in Table 4-11 through Table 4-13.

Table 4-11. Number of Building Permits for New Construction Issued Since the Previous HMP

	New Construction Permits Issued			
	Single Family	Multi-Family	Other (commercial, mixed-use, etc.)	Total
2019				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2020				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2021				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2022				
Total Permits	0	1	0	1
Permits within SFHA	0	1	0	1
2023				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2024				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0

SFHA = Special Flood Hazard Area (1% flood event)



Table 4-12. Recent Major Development and Infrastructure from 2019 to Present

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
There has been no recent major development or infrastructure between 2019 to present.					

* Only location-specific hazard zones or vulnerabilities identified.

Table 4-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
There are no known or anticipated major development or infrastructure in the next five years.					

4.6 JURISDICTIONAL RISK ASSESSMENT

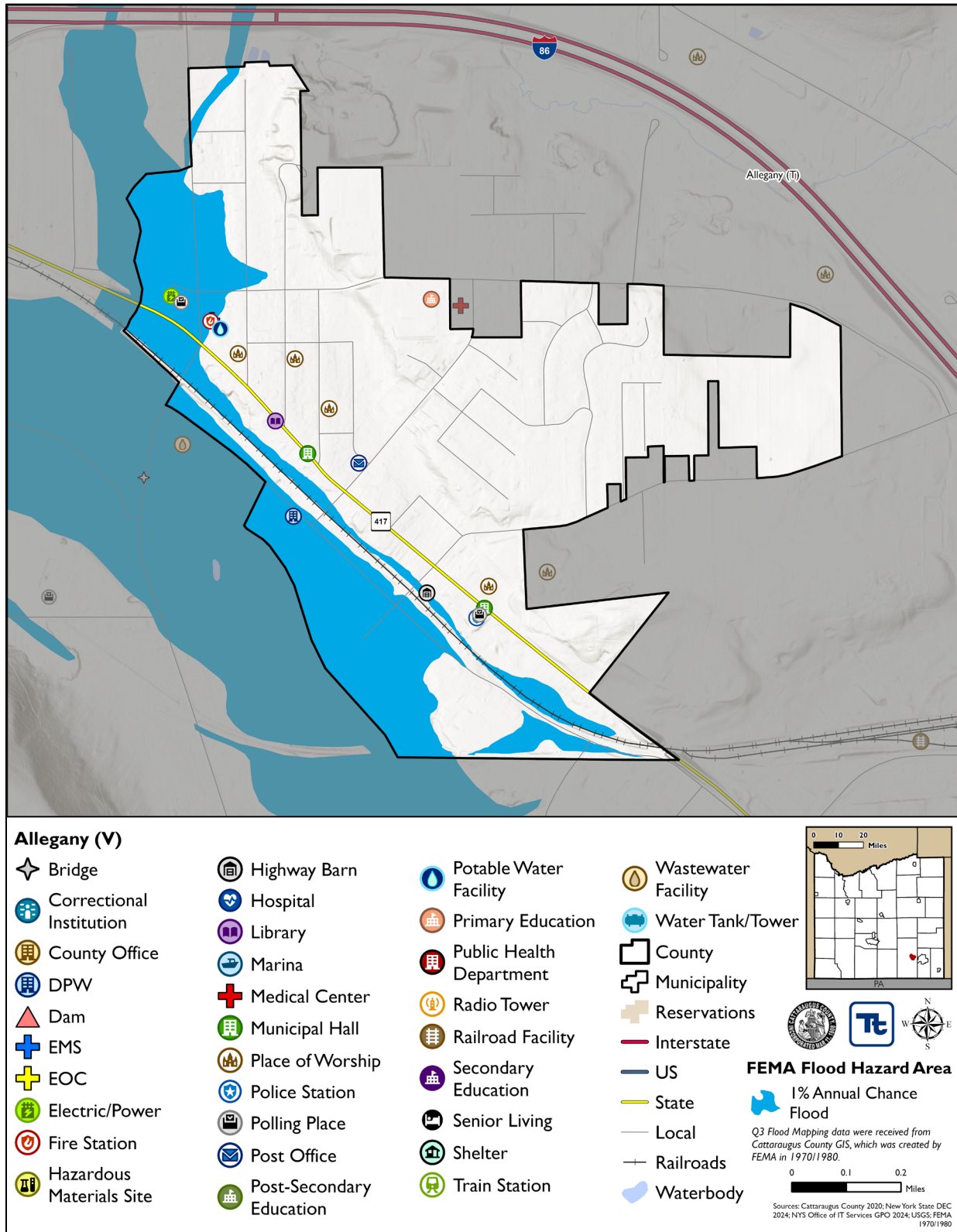
The hazard profiles in Volume I provide detailed information regarding each planning partner’s vulnerability to the identified hazards, including summaries of Allegany’s risk assessment results and data used to determine the hazard ranking. Key local risk assessment information is presented below.

4.6.1 Hazard Area

Hazard area maps provided below illustrate the probable hazard areas impacted within the Village are shown in Figure 4-1 through Figure 4-2. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps are provided only for hazards that can be identified clearly using mapping techniques and technologies and for which Allegany has significant exposure. The maps show the location of potential new development, where available.



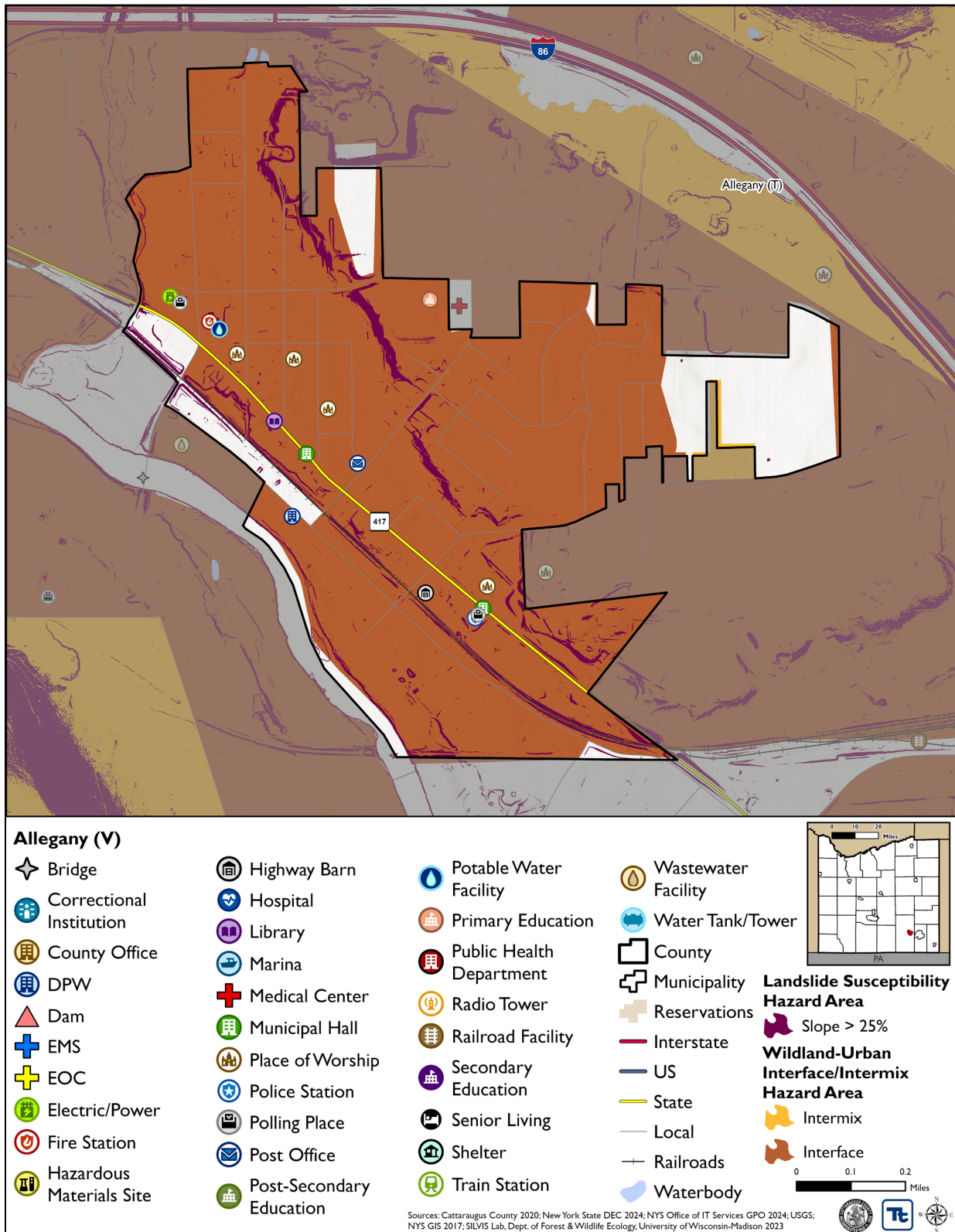
Figure 4-1. Allegany Flood Hazard Area Extent and Location Map



Note: The shown flood hazard area is limited to the FEMA-defined flood hazard areas. Areas of localized flooding are not reflected in the above Figure.



Figure 4-2. Allegany Landslide and Wildfire Hazard Area Extent and Location Map





4.6.2 Hazard Event History

The history of natural and non-natural hazard events in Allegany is detailed in Volume I, where each hazard profile includes a chronology of historical events that have affected the County and its municipalities. Table 4-14 provides details on loss and damage in Allegany during hazard events since the last hazard mitigation plan update.

Table 4-14. Hazard Event History in Allegany

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Allegany
October 31- November 1, 2019	DR-4472	No	Severe Storms, Straight-Line Winds, and Flooding	Trees and wires were reported down. Localized road flooding.
March 13, 2020	EM-3434 DR-4480	Yes	COVID-19 Pandemic	PPE distribution, masking mandates, social distancing enforced
January 12, 2020	High Wind	N/A	High wind	Trees and wires were reported down
July 16, 2020	Thunderstorm Wind	N/A	Trees and wires were reported down in Gowanda.	No damages or losses
July 19, 2020	Thunderstorm Wind	N/A	Multiple reports of trees down around Gowanda, Ashville Bay, Napoli and Portville.	No damages or losses
August 15, 2020	Flash Flood	N/A	Marble Road and Potter Road in Lime Lake were reported to be washed out by law enforcement.	No damages or losses
September 7, 2020	Thunderstorm Wind	N/A	Property damage in Olean.	Trees and wires were reported down
November 15, 2020	High Wind	N/A	Property damage throughout Cattaraugus County.	Trees and wires were reported down
July 13, 2021	Thunderstorm Wind	N/A	Several reports were received of trees down, trees on cars, trees on houses, and powerlines down in Salamanca, Olean, and Allegany.	Trees and wires were reported down
December 11, 2021	High Wind	N/A	Dozens of reports of trees and powerlines down were received.	Trees and wires were reported down
March 6, 2022	High Wind	N/A	High wind	No damages or losses
July 24, 2022	Thunderstorm Wind	N/A	Trees and powerlines reported down in East Otto, Randolph, and South Dayton.	No damages or losses
November 20, 2022	EM-3589	Yes	Severe Winter Storm and Snowstorm	DPW response to clear roads

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



4.6.3 Hazard Ranking and Vulnerabilities

The hazard profiles in Volume I have detailed information regarding each planning partner’s vulnerability to the identified hazards. The following presents key risk assessment results for Allegany .

Hazard Ranking

The participating jurisdictions have differing degrees of vulnerability to the hazards of concern, so each jurisdiction ranked its own degree of risk to each hazard. The community-specific hazard ranking is based on problems and impacts identified by the risk assessment presented in Volume I. The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; community capabilities to address the hazard; and changing future climate conditions. Allegany reviewed the County hazard ranking and individual results to assess the relative risk of the hazards of concern to the community. During the review of the hazard ranking, the Village indicated the following:

- The Landslide hazard ranking was decreased from ‘High’ to ‘Medium due to an additional storm/drain being installed on Harriet Street to reduce run -off onto North Fifth Street. This addition to the stormwater management system decreases the water run-off onto soils which may otherwise lead to increased risk for a landslide.

Table 4-15 shows Allegany’s final hazard rankings for identified hazards of concern. Mitigation action development uses the ranking to target hazards with the highest risk.

Table 4-15. Hazard Ranking

Hazard	Rank
Dam and Levee Failure	Low
Flood	Medium
Landslide	Medium
Pandemic	Medium
Severe Storm	High
Severe Winter Storm	High
Utility Failure	Medium
Wildfire	Medium

Note: The scale is based on the hazard rankings established in Volume I, modified as appropriate based on review by the jurisdiction

Critical Facilities

Table 4-16 identifies critical facilities in the community located in the 1 percent and 0.2 percent annual chance floodplains.

Table 4-16. Critical Facilities Flood Vulnerability

Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Allegany	Fire Station	X	-	2025-AlleganyV-02	-



Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Allegany Community Center	Polling Place	X	-	2025-AlleganyV-02	-
Allegany Engine Co Inc	Electric/Power	X	-	2025-AlleganyV-02	-
Allegany Rescue & EMS Inc	EMS	X	-	-	Facility was moved to a new location at a higher elevation.
Allegany Transfer Station	DPW	X	-	2025-AlleganyV-02	-
Village Of Allegany Highway Barn	Highway Barn	X	-	2025-AlleganyV-02	-

Source: Cattaraugus County 2024

4.6.4 Identified Issues

After a review of Allegany’s hazard event history, hazard rankings, hazard location, and current capabilities, Allegany identified the following vulnerabilities within the community:

- Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The Village has two repetitive loss properties, but other properties may be impacted by flooding as well.
- The following critical facilities are located in the special flood hazard area and may have an increased risk to flooding impacts:
 - Village of Allegany Wastewater Treatment Plant
 - Allegany Transfer Station
 - Allegany Fire Station
 - Allegany TB Fire Comm
 - Allegany BD of Fire Comm
 - Village of Allegany Highway Barn
 - Allegany Community Center
 - Allegany Engine Co Inc
- Flood prone roads not only interrupt the movement of persons and goods but can lead to isolation issues where first responders are unable to reach their destination and cause evacuation routes to be inaccessible. Flooded road ways may be caused by debris in culverts from severe storms and severe winter storms. There are multiple roads in the Village which may benefit from flood mitigation strategies, such as the elevation of the roadways or the hardening of the infrastructure surrounding them to reduce likelihood of flooding including:
 - 7th Street
 - South 7th Street
 - East Union Street
 - West Union Street
 - North 1st Street



- South 1st Street
- The Department of Public Works, Water Pump Station 1, and Water Pump Station 3 located in the Village do not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility failures, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.
- The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.
- Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.
- The Village currently does not have a comprehensive education and outreach program which addresses all identified hazards of concern. There is a need to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.
- The Village does not have a Comprehensive Emergency Management Plan (CEMP). Hazard mitigation principles need to be integrated into the CEMP. A CEMP establishes the overall authority, roles, and functions performed during incidents. Incorporating hazard mitigation principles into a CEMP ensures hazard risk is identified.
- 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 hazardous materials (hazmat) situation during flooding events, which may stem from severe storms. The facility is undergoing remodeling so that it will be in compliance with DEC guidelines and the 2020 Building Codes, concerning buildings built within floodplains. Estimated completion is end of 2025.
- The Village does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The municipality is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.

4.7 MITIGATION STRATEGY AND PRIORITIZATION

This section discusses the status of mitigation actions from the previous HMP, describes proposed hazard mitigation actions, and prioritizes actions to address over the next five years.

4.7.1 Past Mitigation Action Status

Table 4-17 indicates progress on the Village's mitigation strategy identified in the 2020 HMP. Actions that are still recommended but not completed or that are in progress are carried forward and combined with new actions as part of the mitigation strategy for this plan update. Previous actions that are now ongoing programs and capabilities are indicated as such and are presented in the capability assessment earlier in this annex.



4.7.2 Additional Mitigation Efforts

In addition to the mitigation actions completed in Table 4-17, Allegany identified the following mitigation efforts completed since the last HMP:

- An additional storm/drain being installed on Harriet Street to reduce run-off onto North Fifth Street.
- Back-up generators have been installed at the Village Municipal Office Building and the Village's main water tank, located on Buffalo Road.

Since the adoption of the County's first HMP, Allegany has made significant mitigation progress in the following areas:

- Stormwater Management
- Continuity of Operations



Table 4-17. Status of Previous Mitigation Actions

Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
2020-Village of Allegany-001	Storm sewer replacement on 7th Street	Flood, Severe Storm	Highway Department	<p>Problem: Flooding occurs on 7th St when there are heavy rains.</p> <p>Solution: Improve storm sewer drainage in Village of Allegany on 7th St.:</p>	<p>1. In Progress</p> <p>2. Working on applying for and receiving Grant Funds to upgrade systems. Finding the right financial terms for the Village is a barrier to getting funding.</p>	<p>1. Include</p> <p>2. Not applicable</p> <p>3. Not applicable</p>
2020-Village of Allegany-002	Protect the Village of Allegany Wastewater Treatment Plant to the 0.2% annual chance flood event.	Flood	Engineer, facility manager	<p>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.</p> <p>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:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers <p>Once the most cost-effective option is identified, the village will carry out the option.</p>	<p>1. In Progress</p> <p>2. Working on funding through grants and other governmental funding programs.</p>	<p>1. Include</p> <p>2. Consolidate into singular action with other identified critical facilities in the flood hazard area.</p> <p>3. Not applicable</p>
2020-Village of Allegany-003	Protect the Allegany Transfer Station to the 0.2% annual	Flood	Engineer, facility manager	<p>Problem: Allegany Transfer Station is in the special flood hazard area and vulnerable to flooding. Critical facilities</p>	<p>1. In Progress</p> <p>2. Working on funding through grants and other governmental funding programs.</p>	<p>1. Include</p> <p>2. Consolidate into singular action with other identified</p>



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	chance flood event			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:		critical facilities in the flood hazard area. 3. Not applicable
2020-Village of Allegany-004	Protect the Allegany Rescue & EMS Inc to the 0.2% annual chance flood event	Flood	Engineer, facility manager	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: <ul style="list-style-type: none"> Elevation of facility Floodproofing of facility Mobile flood barriers Once the most cost-effective option is identified, the village will carry out the option.	1. Completed 2. Allegany Rescue & EMS Inc. have moved to a new facility at a higher elevation.	1. Discontinue 2. Not applicable 3. Project complete
2020-Village of Allegany-005	Protect the Allegany Fire Station to the 0.2% annual	Flood	Engineer, facility manager	Problem: The Allegany Fire Station is in the special flood hazard area and vulnerable to flooding. Critical facilities	1. In Progress 2. Working on funding through grants and other governmental funding programs.	1. Include 2. Consolidate into singular action with other identified



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	chance flood event			<p>need to be protected to the 0.2% annual chance flood event.</p> <p>Solution: The village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Allegany Fire Station to protect it to the 0.2% annual chance flood event. Options include:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers <p>Once the most cost-effective option is identified, the village will carry out the option.</p>		<p>critical facilities in the flood hazard area.</p> <p>3. Not applicable</p>
2020-Village of Allegany-006	Protect the Allegany TB Fire Comm to the 0.2% annual chance flood event	Flood	Engineer, facility manager	<p>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.</p> <p>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:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers 	<p>1. No Progress 2. Limited funding available</p>	<p>1. Include 2. Consolidate into singular action with other identified critical facilities in the flood hazard area. 3. Not applicable</p>



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
				Once the most cost-effective option is identified, the village will carry out the option.		
2020-Village of Allegany-007	Protect the Town of Allegany Bd of Fire Comm to the 0.2% annual chance flood event	Flood	Engineer, facility manager	<p>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.</p> <p>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.</p> <p>Options include:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers <p>Once the most cost-effective option is identified, the village will carry out the option.</p>	<ol style="list-style-type: none"> 1. No Progress 2. Limited funding available 	<ol style="list-style-type: none"> 1. Include 2. Consolidate into singular action with other identified critical facilities in the flood hazard area. 3. Not applicable
2020-Village of Allegany-008	Protect the Village of Allegany Highway Barn to the 0.2% annual chance flood event	Flood	Engineer, facility manager	<p>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.</p> <p>Solution: The village will conduct a feasibility assessment to determine what additional floodproofing</p>	<ol style="list-style-type: none"> 1. No Progress 2. Limited funding available 	<ol style="list-style-type: none"> 1. Include 2. Consolidate into singular action with other identified critical facilities in the flood hazard area. 3. Not applicable



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
				<p>measures are needed at the Allegany Highway Barn to protect it to the 0.2% annual chance flood event. Options include:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers <p>Once the most cost-effective option is identified, the village will carry out the option.</p>		
2020-Village of Allegany-009	Improve drainage on East and West Union St	Flood, Severe Storm	Frank Snyder, Infrastructure	<p>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</p> <p>Solution: Install drainage ditches and channeling</p>	<p>1. No Progress 2. Limited funding available</p>	<p>1. Include 2. Consolidate with other floodprone road actions into singular action. 3. Not applicable</p>
2020-Village of Allegany-010	Improve drainage on North and South 7th Street	Flood, Severe Storm	Frank Snyder, Infrastructure	<p>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</p> <p>Solution: Install drainage ditches and channeling</p>	<p>1. No Progress 2. Limited funding available</p>	<p>1. Include 2. Consolidate with other floodprone road actions into singular action. 3. Not applicable</p>
2020-Village of Allegany-011	Improve drainage on North and South First Street	Flood, Severe Storm	Village DPW, Cattaraugus County	<p>Problem: North and South First Street is prone to riverine flooding from the Allegany River and tributaries feeding into the river. Residential,</p>	<p>1. No Progress 2. Limited funding available</p>	<p>1. Include 2. Consolidate with other floodprone road actions into singular action.</p>



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
				Commercial, and industrial (HAZMAT) facilities are at risk of flooding Solution: Install drainage ditches		3. Not applicable
2020-Village of Allegany-012	Purchase generator for Highway Department	All Hazards	Highway Department, Engineer, OES	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	1. Discontinue 2. The Village has only a Department of Public Works, not Highway Department.	1. Discontinue 2. Utilize Action -013 for Village. 3. The Village has only a Department of Public Works, not Highway Department.
2020-Village of Allegany-013	Purchase generator for DPW facility	All Hazards	Engineer, OEM	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.	1. In Progress 2. Engineering firm is working on identifying the proper size generator. Will need funding source to complete action.	1. Include 2. Consolidate back-up generator actions. 3. Not applicable
2020-Village of Allegany-014	Generators for Water Pump Stations (water wells #1 and #3)	All hazards	DPU: Frank Snyder	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	1. In Progress 2. Back-up generator has been installed at Pump Station #2.	1. Include 2. Consolidate back-up generator actions. 3. Not applicable



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	and sewer pump stations #1 and #2			Solution: Purchase and install generators at water pump stations (two required at water well #1 and #3 and sewer pump stations #1 and #2)		
2020-Village of Allegany-015	Update Flood Damage Prevention Ordinance	Flood	Village Board	Problem: Flood Damage Prevention Ordinance is outdated Solution: Update the village's flood damage prevention ordinance	1. No Progress 2. Other Village priorities have resulted in no progress on this action.	1. Include 2. Not applicable 3. Not applicable
2020-Village of Allegany-016	Potential acquisition projects that are within the floodplain	Flood	Building Code- John Helgager and Infrastructure- Frank Snyder	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	1. No Progress 2. Other Village priorities have resulted in no progress on this action.	1. Include 2. Not applicable 3. Not applicable
2020-Village of Allegany-017	Floodplain Administrator to attend training on floodplain management.	Flood	Cattaraugus County OES/ Cattaraugus County Codes Department	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	1. No Progress 2. Other Village priorities have resulted in no progress on this action.	1. Include 2. Not applicable 3. Not applicable
2020-Village of Allegany-018	Provide residents, business owners, and organizations about what they can do to protect their structures from wildfires.	Flood	Village Board	Problem: Additional public education on wildfire risk is needed Solution: The village will develop an outreach program to educate the public about wildfires and what they can do to protect their structures.	1. No Progress 2. Other Village priorities have resulted in no progress on this action.	1. Include 2. Change to outreach program for all hazards. 3. Not applicable



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
2020-Village of Allegany-019	Update the Emergency Operations Plan	All Hazards	County, Village	Problem: outdated emergency operation plan Solution: Update the village's emergency operation plan	1. No Progress 2. Village indicated in capabilities it does not have a CEMP.	1. Include 2. Change action to develop a CEMP 3. Not applicable
2020-Village of Allegany-020	Update Building Codes	All Hazards	County, Village	Problem: Outdated building codes Solution: Update the village's building codes	1. Ongoing Capability 2. Village codes are reviewed and updated on a scheduled basis	1. Discontinue 2. Not applicable 3. Village capability
2020-Village of Allegany-021	Protect the Recycling/Transfer facility from flooding	Flood	DPU and CEO	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	1. In Progress 2. Facility is undergoing remodeling so that it will be in compliance with DEC guidelines and the 2020 Building Codes, concerning buildings built within floodplains. Estimated completion is end of 2025.	1. Include 2. Change action to remodel the facility instead of conducting a feasibility study. 3. Not applicable



4.7.3 Proposed Hazard Mitigation Actions for the HMP Update

Allegany participated in the mitigation strategy workshop for this HMP to identify appropriate actions to include in a local hazard mitigation strategy. Its comprehensive consideration of all possible activities to address hazards of concern included review of the following FEMA documents:

- FEMA 551 “Selecting Appropriate Mitigation Measures for Floodprone Structures” (March 2007)
- FEMA “Mitigation Ideas—A Resource for Reducing Risk to Natural Hazards” (January 2013).

The action worksheets included at the end of this annex list the mitigation actions that Allegany would like to pursue in the future to reduce the effects of hazards. The actions 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 Village priorities.

Table 4-18 indicates the range of proposed mitigation action categories. The four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide range of activities and mitigation measures selected.

Volume I identifies 14 evaluation criteria for prioritizing the mitigation actions. To assist with rating each mitigation action as high, medium, or low priority, a numeric rank is assigned (-1, 0, or 1) for each of the evaluation criteria. Table 4-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.



Table 4-18. Analysis of Mitigation Actions by Hazard and Category

Hazard	Actions That Address the Hazard, by Action Category									
	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Dam and Levee Failure	X			X			X			X
Flood	X	X		X	X		X		X	X
Landslide	X			X			X			X
Pandemic	X			X			X			X
Severe Storm	X	X		X	X		X		X	X
Severe Winter Storm	X	X		X			X			X
Utility Failure	X	X		X			X		X	X
Wildfire	X			X			X			X

- 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 structures to reduce the impact of hazards.
- Natural Systems Protection (NSP)*—These are actions that minimize damage and losses and 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
- 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 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 4-19. Summary of Prioritization of Actions

Project Number	Project Name	Scores for Evaluation Criteria														High / Medium / Low	
		Life Safety	Property Protection	Cost-Effectiveness	Political	Legal	Fiscal	Environmental	Social Vulnerability	Administrative	Hazards of Concern	Climate Change	Timeline	Community Lifelines	Other Local Objectives		Total
2025-AlleganyV-01	Repetitive Loss Properties	1	1	1	1	1	0	1	1	1	0	1	1	0	1	11	High
2025-AlleganyV-02	Critical Facility Protection	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2025-AlleganyV-03	Floodprone Roads	1	1	1	1	1	0	1	1	1	1	1	1	1	0	12	High
2025-AlleganyV-04	Generators at Critical Facilities	1	1	1	1	1	1	0	1	1	1	1	1	1	0	12	High
2025-AlleganyV-05	Flood Damage Prevention Ordinance Update	1	1	1	1	1	1	1	1	1	1	1	1	0	0	12	High
2025-AlleganyV-06	Floodplain Management Training	1	1	1	1	1	1	1	1	1	0	1	1	0	0	11	High
2025-AlleganyV-07	Comprehensive Outreach Program	1	1	1	1	1	1	0	1	1	1	1	1	0	1	12	High
2025-AlleganyV-08	Develop a Comprehensive Emergency Management Plan	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2025-AlleganyV-09	Recycling/Transfer Facility Remodeling	0	1	1	1	1	0	0	1	1	1	1	1	1	1	11	High
2025-AlleganyV-10	Substantial Damage Management Plan	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High

Note: Volume I, Section 16 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-6), Medium (7-10), High (11-14).



Action 2025-AlleganyV-01. Repetitive Loss Properties

Lead Agency:	Code Enforcement		
Supporting Agencies:	Village Board		
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire	
Description of the Problem:	Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The Village has two repetitive loss properties, but other properties may be impacted by flooding as well. Some of these properties are located in the Special Flood Hazard Area, with development requiring floodproofing.		
Description of the Solution:	The Village will promote and support non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as Repetitive Loss (RL), such as acquisition/relocation or elevation depending on feasibility. The parameters for this initiative would be funding, benefits versus cost, and willing participation of property owners.		
Estimated Cost:	Medium		
Potential Funding Sources:	FEMA FMA, FMA SWIFT, Village Budget, County Budget, Property Owners		
Implementation Timeline:	3 years		
Goals Met:	1		
Benefits:	This action would foster comprehensive floodplain management by removing at risk properties from the flood hazard area or elevating properties to reduce the flood risk.		
Impact on Socially Vulnerable Populations:	Collecting data regarding homeowners that reside within flood prone areas provides an opportunity to introduce location-specific opportunities for assistance. Socially vulnerable populations may be able to have houses elevated or acquired when it would otherwise be unaffordable.		
Impact on Future Development:	Increased outreach to homeowners within a flood prone area will limit construction in areas that are prone to hazard events. Homes may be acquired, which will remove those structures from the floodplain and prevent future development on those sites.		
Impact on Critical Facilities/Lifelines:	Removing structures from the floodplain decreases the demand on utilities and emergency services including health and medical, law enforcement, and search and rescue.		
Impact on Capabilities:	Outreach which promotes the removal of risk from the immediate floodplain via acquisition of properties will free up resources for search and rescue and other emergency operations as needed. This action will enhance the Village's current NFIP capabilities.		
Climate Change Considerations:	Climate change is likely to increase the frequency and severity of severe rainfall, flash flooding, riverine flooding, and coastal flooding from sea level rise and storm surge events. Removing structures from the floodplain will reduce the response and recovery costs as a result of these events and decrease the loss of human life as a result of these events. Elevating structures will reduce the recovery costs.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Levee around floodplain		Costly, not enough room.
	Deployable flood barriers		Requires deployment. Residents may not have adequate time to deploy, especially those who are elderly or disabled.



Action 2025-AlleganyV-02. Critical Facility Protection

Lead Agency:	Critical Facility Owners and Managers		
Supporting Agencies:	Village Board		
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire	
Description of the Problem:	<p>The following critical facilities are located in the special flood hazard area and may have an increased risk to flooding impacts:</p> <ul style="list-style-type: none"> • Village of Allegany Wastewater Treatment Plant • Allegany Transfer Station • Allegany Fire Station • Allegany TB Fire Comm • Allegany BD of Fire Comm • Village of Allegany Highway Barn • Allegany Community Center • Allegany Engine Co Inc 		
Description of the Solution:	<p>The Village will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Branchport Firehouse and Branchport Free Library to protect it to the 500-year flood level. Options include:</p> <ul style="list-style-type: none"> • Elevation of facility • Floodproofing of facility • Mobile flood barriers <p>Once the most cost-effective option is identified, the Village will carry out the option.</p>		
Estimated Cost:	Medium		
Potential Funding Sources:	FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Village Budget		
Implementation Timeline:	Within 5 Years		
Goals Met:	1, 3, 5		
Benefits:	Ensures continuity of operations of several critical facilities in the Village.		
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders and emergency managers to maintain critical services that socially vulnerable populations rely on.		
Impact on Future Development:	The risk of significant damage occurring to the structure will be reduced, which will allow critical operations to be maintained or only briefly interrupted in severe events. This provides continued support to both current and future development in the service area.		
Impact on Critical Facilities/Lifelines:	This action will protect critical facilities, maintaining the critical services that it provides.		
Impact on Capabilities:	This action improves continuity of operations during a flood event, allows for a more rapid return to pre-disaster capabilities after a flood event, and faster deployment of post disaster capabilities.		
Climate Change Considerations:	This action addresses anticipated increases in flooding frequency and severity through protection to the 500-year (0.2-percent annual chance) flood level.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Relocate facility		Relocation is expensive and results in loss or delay of critical services in the immediate area



Establish plans to enter into MOU with neighboring critical facilities to provide service during flood events

Reduction in response times and delay of critical services in the immediate area.



Action 2025-AlleganyV-03. Floodprone Roads

Lead Agency:	Public Works		
Supporting Agencies:	Code Enforcement, Engineering		
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input checked="" type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input checked="" type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire	
Description of the Problem:	<p>Flood prone roads not only interrupt the movement of persons and goods but can lead to isolation issues where first responders are unable to reach their destination and cause evacuation routes to be inaccessible. Flooded road ways may be caused by debris in culverts from severe storms and severe winter storms. There are multiple roads in Village which may benefit from flood mitigation strategies, such as the elevation of the roadways or the hardening of the infrastructure surrounding them to reduce likelihood of flooding including</p> <ul style="list-style-type: none"> • 7th Street • South 7th Street • East Union Street • West Union Street • North 1st Street • South 1st Street 		
Description of the Solution:	<p>The Village will develop specific mitigation solutions for flood-prone road systems after conducting a flood study. Possible solutions may include:</p> <ul style="list-style-type: none"> • Elevation of roadways • Installation or improvement of drainage systems • Regrading of roadway and soils • Resurfacing or reshaping roadways 		
Estimated Cost:	TBD after mitigation technique is chosen		
Potential Funding Sources:	FEMA HMA, Village Budget, CHIPS		
Implementation Timeline:	Within 5 years		
Goals Met:	1		
Benefits:	This action will identify measures to protect infrastructure in the transportation lifeline, which will lead to the assurance of clear roadways for evacuations, regular travel, and emergency responses.		
Impact on Socially Vulnerable Populations:	This action will assist socially vulnerable populations whose properties are impacted by flooding along flood-prone roads.		
Impact on Future Development:	Future development in the impacted area will be less likely to be flooded.		
Impact on Critical Facilities/Lifelines:	This action will identify measures to protect infrastructure in the transportation lifeline, which will lead to the assurance of clear roadways for evacuations, regular travel, and emergency responses.		
Impact on Capabilities:	This action improves the Village's reliability in terms of transportation.		
Climate Change Considerations:	A warmer atmosphere means storms have the potential to be more intense and occur more often, including increased periods of intense rain events.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Relocate all flood-prone road system		Not feasible
	Raise all flood prone roads		Cost prohibitive



Action 2025-AlleganyV-04. Generators at Critical Facilities

Lead Agency:	Public Works		
Supporting Agencies:	Village Board, Engineering		
Hazards of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input checked="" type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire	
Description of the Problem:	<p>The Department of Public Works, Water Pump Station 1, and Water Pump Station 3 located in the Village do not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility failures, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.</p>		
Description of the Solution:	<p>The Village Engineer will conduct a study to determine the required generator capacity to support the critical facilities. The Village will then purchase and install the generator and all necessary electrical hookup components. The installation of the back-up emergency generators will ensure continuity of operations for this critical facility and its operations during each identified hazard of concern. With expectations to provide essential services during times of emergency and otherwise, having a back-up power source is crucial. Long-term risks are mitigated through an emergency generator by reducing the likelihood of impacts from power outages, allowing essential services to continue.</p>		
Estimated Cost:	High		
Potential Funding Sources:	FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Annual Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	1, 4, 5		
Benefits:	This action protects public health and safety and ensures continued operation of a critical facility and its essential functions during a power outage.		
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders, utility workers, and emergency managers to stage and deploy resources to vulnerable and hazard prone areas.		
Impact on Future Development:	This action results in protection of a critical facility that could support future development.		
Impact on Critical Facilities/Lifelines:	This action protects public health and safety and ensures continued operation of a critical facility and its essential functions during a power outage.		
Impact on Capabilities:	This action ensures continuity of operations to maintain capabilities.		
Climate Change Considerations:	Climate change is likely to increase severe weather events such as flooding, wind, and extreme temperatures that result in power failures. This action accounts for a likely increase in power failure events.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives	Action		Evaluation
	No Action		-
	Microgrid		Costly and difficult to implement.
	Solar panels and battery backup		Solar power is unlikely to be able to provide battery power for extended power failure events.



Action 2025-AlleganyV-05. Flood Damage Prevention Ordinance Update

Lead Agency:	Code Enforcement		
Supporting Agencies:	Village Board		
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire	
Description of the Problem:	The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.		
Description of the Solution:	The Village will work with Cattaraugus County and NYSDEC to ensure its Flood Damage Prevention Ordinance is updated to adhere to NYS requirements. After obtaining the appropriate review and concurrence by the NFIP State Coordinator and the FEMA Regional Office, the Village will update and adopt the Flood Damage Prevention Ordinance.		
Estimated Cost:	Low		
Potential Funding Sources:	Village Budget		
Implementation Timeline:	Within 3 years		
Goals Met:	1, 2, 4		
Benefits:	The updated ordinance will improve floodplain management, meet NFIP and State requirements, and increase resilience of new and substantially improved structures in the floodplain.		
Impact on Socially Vulnerable Populations:	The action will result in better regulation of construction standards within the Special Flood Hazard Area where significant risk to socially vulnerable populations exists.		
Impact on Future Development:	The action will result in stronger regulation of construction standards for future development in the Special Flood Hazard Area.		
Impact on Critical Facilities/Lifelines:	Critical facilities and lifelines located in the Special Flood Hazard Area will be required to meet the requirements set forth in the ordinance.		
Impact on Capabilities:	This action will improve floodplain management capabilities through better outlining of responsibilities and administrative procedures.		
Climate Change Considerations:	The updated ordinance includes the State's higher standards that are in place to address heightened flood risk due to climate change such as those for floodway rise and mandatory freeboard.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Update only freeboard requirements		Other areas of the ordinance which need to be updated would not be
	Leave NFIP		Residents lose flood insurance coverage



Action 2025-AlleganyV-06. Floodplain Management Training

Lead Agency:	Code Enforcement	
Supporting Agencies:	Village Board	
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire
Description of the Problem:	Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.	
Description of the Solution:	Where feasible, the Village will have Code staff attend trainings at FEMA's EMI in Emmitsburg Maryland for NFIP Basics and the Intermediate Floodplain management course (E0273). Where not feasible, officials will attend virtual trainings and review available resources from FEMA and ASFPM at the ASFPM (https://www.floods.org/) website. Encourage staff to become Certified Floodplain Managers via the Association of State Floodplain Manager's CFM Certification Program.	
Estimated Cost:	Low	
Potential Funding Sources:	Village Budget	
Implementation Timeline:	Within 5 years	
Goals Met:	1, 3, 4	
Benefits:	Providing an opportunity for staff and officials to become further educated on floodplain management practices and standards can aid in the development of plans and procedures in a way that is conscious of the flood hazard.	
Impact on Socially Vulnerable Populations:	Officials that are up to date on flood risk are more likely to encourage development outside areas of high flood risk, which is where socially vulnerable populations have historically resided. Safer dwellings may be developed in a less vulnerable location.	
Impact on Future Development:	Officials that understand best practices in floodplain management will have the opportunity to influence future development and prevent unsafe building in flood hazard areas.	
Impact on Critical Facilities/Lifelines:	The opportunity will exist for leaders and operators of utilities and other essential services to attend training and provide direction on ways the prepare for, plan for, and prevent interruptions in service as a result of a flood.	
Impact on Capabilities:	Officials that attend trainings will have a more confident understanding of floodplain management principles and the basics of NFIP requirements and standards.	
Climate Change Considerations:	Climate change is likely to result in stronger and more frequent rainfall events that will contribute to increased flood risk	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium <input type="checkbox"/> Low
Alternatives:	Action	Evaluation
	No Action	Current problem exists
	Hire outside contractors for floodplain administration	Costly
	Establish shared service agreements for floodplain administration from neighboring municipalities	Neighboring municipalities are unlikely to have the staff capacity to take on this role



Action 2025-AlleganyV-07. Comprehensive Outreach Program

Lead Agency:	Village Board		
Supporting Agencies:	Cattaraugus County		
Hazard(s) of Concern:	<input checked="" type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Landslide <input checked="" type="checkbox"/> Pandemic	<input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input checked="" type="checkbox"/> Utility Failure <input checked="" type="checkbox"/> Wildfire	
Description of the Problem:	The Village currently does not have a comprehensive education and outreach program which addresses all identified hazards of concern. There is a need to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.		
Description of the Solution:	Create outreach materials, or utilize those from Cattaraugus County, on hazard risks and methods of mitigation measures, including those for dam and levee failure, flood, landslide, pandemic, severe storm, severe winter storm, utility failure, and wildfire. Methods of distribution may include Village events, the Village newsletters, social media, the Village website, and having the materials on display for the public at Village libraries and offices. Outreach materials will be specified with education and information for each individual hazard of concern.		
Estimated Cost:	Low		
Potential Funding Sources:	Village Budget		
Implementation Timeline:	1 year		
Goals Met:	1, 2, 3, 4		
Benefits:	This action will improve the current public education and outreach program in the Village by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the Village.		
Impact on Socially Vulnerable Populations:	Socially vulnerable populations will learn how to prepare for and mitigate the various hazards which may impact them in the Village.		
Impact on Future Development:	Not applicable		
Impact on Critical Facilities/Lifelines:	Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of potential hazards. With these businesses becoming more resilient, this action would contribute to their continuity of operations.		
Impact on Capabilities:	This action would build upon the County's already existing public education and outreach program and adapt it to the Village's needs.		
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from hazards and how climate change may exacerbate those risks.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Rely on state or federal resources		Resources may be generalized and not specific to the risks in the Village
	Use only a few methods for distribution		Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance



Action 2025-AlleganyV-08. Develop a Comprehensive Emergency Management Plan

Lead Agency:	Village Board	
Supporting Agencies:	Cattaraugus Office of Emergency Services	
Hazard(s) of Concern:	<input checked="" type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Landslide <input checked="" type="checkbox"/> Pandemic	<input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input checked="" type="checkbox"/> Utility Failure <input checked="" type="checkbox"/> Wildfire
Description of the Problem:	The Village does not have a Comprehensive Emergency Management Plan (CEMP). Hazard mitigation principles need to be integrated into the CEMP. A CEMP establishes the overall authority, roles, and functions performed during incidents. Incorporating hazard mitigation principles into a CEMP ensures hazard risk is identified.	
Description of the Solution:	The Village Board will lead the development of the Comprehensive Emergency Management Plan (CEMP), with support from the Cattaraugus Office of Emergency Services. The CEMP will integrate hazard mitigation principles into its contents, including addresses capabilities related to reduce the risk to the identified hazards of concern identified with this Hazard Mitigation Plan. The Village will send the CEMP to the County for review, followed by a State review.	
Estimated Cost:	Low	
Potential Funding Sources:	Village Budget, EMPG	
Implementation Timeline:	3 years	
Goals Met:	1, 2, 4, 5	
Benefits:	The CEMP details what the Village will do during a disaster (incident command implementation, command center location and activities, specific plans by department, etc.). The creation of a CEMP will permit the Village to integrate new plans, policies, capabilities, and hazard assessments.	
Impact on Socially Vulnerable Populations:	The section overview portion of the CEMP covers a discussion of a variety of topics, including population distribution and locations, including any concentrated populations of individuals with disabilities, others with access and functional needs, or individuals with limited English proficiency.	
Impact on Future Development:	Future development will be protected by the actions which the Village performs following the CEMP.	
Impact on Critical Facilities/Lifelines:	The section overview portion of the CEMP covers a discussion of a variety of topics, including vulnerable critical facilities (e.g. nursing homes, schools, hospitals, infrastructure).	
Impact on Capabilities:	This action will create a new planning and response capability for the Village.	
Climate Change Considerations:	Climate change may result in an increase in the frequency and severity of weather-related disaster events. As impacts from climate change are increasingly felt, the contents in an CEMP, including in the basic plan and any annexes, may need to be updated.	
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium
Alternatives:	<input type="checkbox"/> Low	
	Action	Evaluation
	No Action	Current problem exists
	Integrate hazard mitigation principles in only hazard appendices	The plan will miss integration opportunities in the basic plan and annexes
Ask County to integrate hazard mitigation into the County CEMP	Village CEMP will remain undeveloped	



Action 2025-AlleganyV-09. Recycling/Transfer Facility Remodeling

Lead Agency:	Public Works	
Supporting Agencies:	Village Board	
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic	<input checked="" type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire
Description of the 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 hazardous materials (hazmat) situation during flooding events, which may stem from severe storms. The facility is undergoing remodeling so that it will be in compliance with DEC guidelines and the 2020 Building Codes, concerning buildings built within floodplains. Estimated completion is end of 2025.	
Description of the Solution:	Remodel the Recycling/Transfer facility so that it will be in compliance with DEC guidelines and the 2020 Building Codes, concerning buildings built within floodplains.	
Estimated Cost:	High	
Potential Funding Sources:	Village Budget, FEMA HMA, Operating Budget	
Implementation Timeline:	Within 2 years	
Goals Met:	1, 5	
Benefits:	Reduces flood risk at the recycling/transfer facility and assists in the assurance of continuity of operations at the facility.	
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders and emergency managers to maintain critical services that socially vulnerable populations rely on.	
Impact on Future Development:	The risk of significant damage occurring to the structure will be reduced, which will allow critical operations to be maintained or only briefly interrupted in severe events. This provides continued support to both current and future development in the service area.	
Impact on Critical Facilities/Lifelines:	This action will protect critical facilities, maintaining the critical services that it provides.	
Impact on Capabilities:	This action improves continuity of operations during a flood event, allows for a more rapid return to pre-disaster capabilities after a flood event, and faster deployment of post disaster capabilities.	
Climate Change Considerations:	Precipitation projections indicated a highly likelihood of increased rainfall, which may result in a heightened risk of flooding.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input checked="" type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium <input type="checkbox"/> Low
Alternatives:	Action	Evaluation
	No Action	Current problem exists
	Relocate facility	Relocation is expensive and results in loss or delay of critical services in the immediate area
	Establish plans to enter into MOU with neighboring critical facilities to provide service during flood events	Reduction in response times and delay of critical services in the immediate area.



Action 2025-AlleganyV-10. Substantial Damage Management Plan

Lead Agency:	Public Works		
Supporting Agencies:	Code Enforcement, Village Board		
Hazard(s) of Concern:	<input type="checkbox"/> Dam and Levee Failure <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Pandemic <input checked="" type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Utility Failure <input type="checkbox"/> Wildfire		
Description of the Problem:	<p>Officials in NFIP-participating communities are responsible for regulating all development in SFHAs by issuing permits and enforcing local floodplain requirements, including Substantial Damage, for the repairs of damaged buildings. After any disaster event, they must:</p> <ul style="list-style-type: none"> Determine where the damage occurred within the community and if the damaged structures are in an SFHA. Determine what to use for "market value" and cost to repair; uniformly applying regulations will protect against liability and promote equitable administration. Determine if repairing plus improving the damaged structure equals or exceeds 50% of the structure's pre-damage value. Require permits for floodplain development. <p>The municipality does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The municipality is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.</p>		
Description of the Solution:	<p>The municipality will develop a Substantial Damage Management Plan, following the six-step planning process in 2021 Developing a Substantial Damage Management Plan (https://crsresources.org/files/500/developing_subst_damage_mgmt_plan.pdf). This plan will outline responsibilities for Substantial Damage determinations, determining market value, and permit approval processes following a disaster event.</p>		
Estimated Cost:	Low		
Potential Funding Sources:	Village Budget		
Implementation Timeline:	Within 3 years		
Goals Met:	1, 2, 4		
Benefits:	This action will provide a guidance document to determine substantial damage in the Village.		
Impact on Socially Vulnerable Populations:	Socially vulnerable populations may disproportionately be impacted by substantial damages.		
Impact on Future Development:	Not applicable		
Impact on Critical Facilities/Lifelines:	Not applicable		
Impact on Capabilities:	This action will produce substantial damage guidance for Village officials to use.		
Climate Change Considerations:	Climate change is leading to an increase in frequency and intensity of precipitation events, which also increases flooding and may lead to a main failure.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP) <input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)		
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI) <input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)		
Priority	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Rely on state or federal resources following disaster events		Resources may not be available during major widespread events
	Establish MOUs with outside agencies to conduct Substantial Damage Determinations		A plan outlining responsibility is still necessary to prevent missing important requirements