



11. VILLAGE OF FORT EDWARD

This jurisdictional annex to the Washington County Hazard Mitigation Plan (HMP) provides information to assist public and private sectors in the Village of Fort Edward 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 Fort Edward, describes who participated in the planning process, assesses Fort Edward's risk, vulnerability, and capabilities, and outlines a strategy for achieving a more resilient community.

11.1 HAZARD MITIGATION PLANNING TEAM

The Village of Fort Edward 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 Village of Fort Edward Mayor represented the community on the Washington County HMP Planning Partnership and Steering Committee 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 A 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 A. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Matthew Traver, Mayor Address: 118 Broadway, Fort Edward, NY 12828 Phone Number: 518-747-4023 Email: mayor@villageoffortedward.com	Name/Title: Janelle Rose, Clerk Address: 118 Broadway, Fort Edward, NY 12828 Phone Number: 518-747-4023 Email: clerk@villageoffortedward.com
<i>National Flood Insurance Program Floodplain Administrator</i>	
Name/Title: Dave Armando, Code Enforcement	



11.2 COMMUNITY PROFILE

11.2.1 Community Classifications

Table B summarizes classifications for community programs available to Fort Edward.

Table B. Community Classifications

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

N/A = Not applicable

11.2.2 Community Profile

The Village of Fort Edwards is in western Washington County, within the Town of Fort Edward, and is on the opposite shore of the Hudson River from the Town of Moreau in Saratoga County. The Village has a total area of 1.9 square miles of which only 0.1 square miles is water. The Champlain Canal, which links the Hudson River to the south end of Lake Champlain, joins the Hudson River south of the Village.

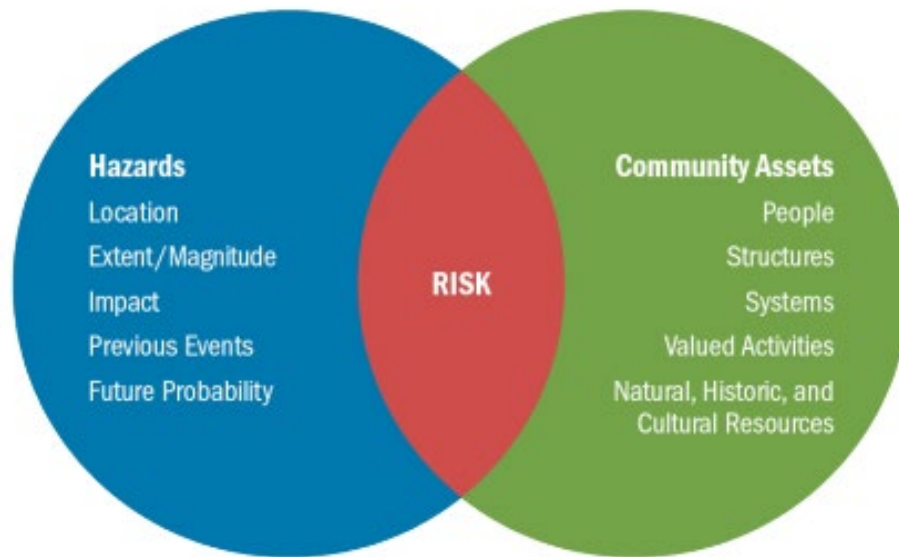
According to the U.S. Census, the 2020 population for the Village of Fort Edward was 3,108 which makes up 5.1 percent of the county. Data from the 2022 American Community Survey indicates that 6.4 percent of the population is 5 years of age or younger, 12.4 percent is 65 years of age or older, 0.0 percent is non-English speaking, 14.4 percent is below the poverty threshold, and 16.1 percent is considered disabled.

11.3 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 Fort Edward's risk assessment results and data used to determine the hazard ranking. Key local risk assessment information is presented below.

Each jurisdiction has unique assets, vulnerabilities and overall risk. A multi-jurisdictional plan needs to identify every hazard (from the whole planning area). In hazard mitigation planning, risk is the potential for damage or loss when natural hazards interact with people or assets, as shown in the figure below. These assets may be buildings, infrastructure or natural and cultural resources. A risk assessment is a robust, data-driven analysis. It explains what might happen. It also finds where the local jurisdiction is vulnerable to hazards.

Each community must describe how the selected hazards affect its jurisdiction. Some hazards will have similar effects across the area: extreme temperatures, windstorms, winter weather, drought, heavy rain, etc. Some have a smaller location and will vary based on geography. Multi-jurisdictional plans must explain these differences.

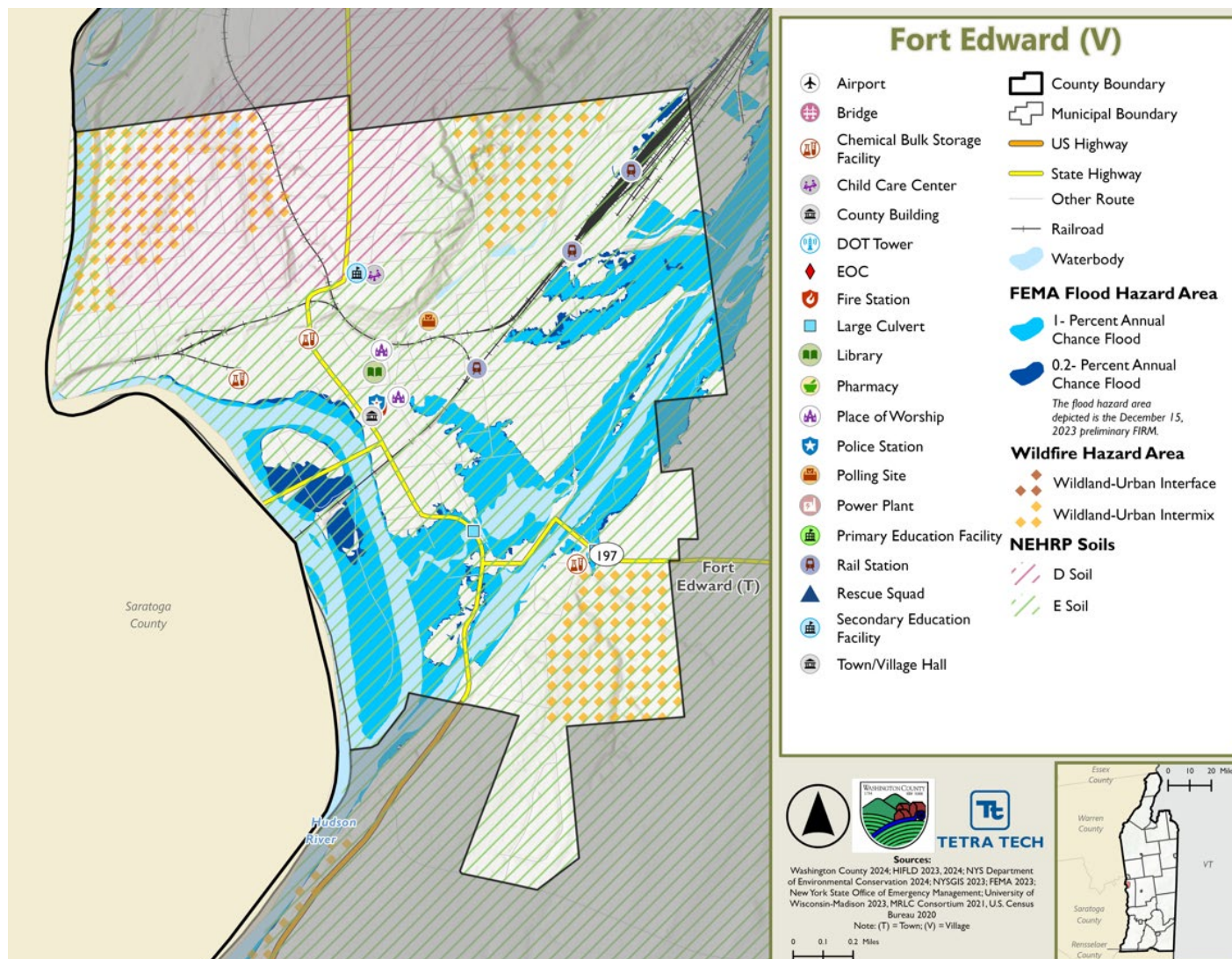


Risk is the relationship, or overlap, between hazards and community assets. The smaller the overlap, the lower the risk.

11.3.1 Hazard Area

The hazard area map below illustrates the probable hazard areas impacted within the Village, as shown in Figure 1. This map is based on the best available data at the time of the preparation of this plan and is adequate for planning purposes. The map is provided only for hazards that can be identified clearly using mapping techniques and technologies and for which Fort Edward has significant exposure. It also shows the location of potential new development, where available.

Figure 1. Fort Edward FEMA Flood, Wildfire, and Earthquake Hazard Area Extent and Location





11.3.2 Previous Event History

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

Table C. Hazard Event History in Fort Edward

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Fort Edward
January 20, 2020 - May 11, 2023	Disease Outbreak (FEMA-DR-4480)	Yes	The first confirmed case of the 2019 Novel Coronavirus (COVID-19) in the United States was reported on January 20, 2020. Washington County reported over 19,000 positive cases and more than 1,200 fatalities.	The Village did not incur any known documented damages or losses.
August 10, 2020	Tornado	-	Scattered storms produced an EF1 tornado in Washington County. The tornado had 90 mph wind speeds, causing shingle and roof damage to homes and uprooting trees. The County had approximately \$75,000 in property damage and \$10,000 in crop damage.	The Village did not incur any known documented damages or losses.
August 24, 2020	Heavy Rain and Flooding	-	Scattered storms impacted parts of Washington County, bringing between four and six inches of rain. This led to 8 flooded roadways, 21 flooded structures, 1 water rescue, several cars partially submerged, and the Whitehall Junior-Senior High School being significantly damaged by the flood waters. Overall, 40 homes and 13 businesses or non-profit organizations sustained damage totaling approximately \$16 million in property damage.	The Village did not incur any known documented damages or losses.

EM = Emergency Declaration (FEMA)

FEMA = Federal Emergency Management Agency

DR = Major Disaster Declaration (FEMA)

N/A = Not applicable



Table D. Hazard Event History below Declaration Threshold

Event Date	Estimated Property Damages	Estimated Injuries and Deaths	Description	Please describe event impacts to people, community services, buildings and infrastructure. You may also include information on response and recovery efforts.
December 18, 2023	\$20,000	0	The Hudson River at Fort Edward rose above flood stage during the evening. The river rose to moderate flood stage overnight through the evening on December 19. This caused River Road in Northumberland to flood and water to flow over the concrete wall at the Fort Edward Yacht Basin with several homes nearby having water approach them.	The Village did not incur any known documented damages or losses.

Note: only events below the FEMA declaration threshold as well as greater than or equal to \$20,000 in property damage and/or resulted in fatalities were included in the table.

11.3.3 Critical Facilities

Table E. Critical Facilities Flood Vulnerability

Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Annual Chance Event	0.2% Annual Chance Event		
FORT MILLER REFORMED CHURCH	Place of Worship	N	N	-	Facility located outside of the floodplain.
VILLAGE BAPTIST CHURCH	Place of Worship	N	N	-	Facility located outside of the floodplain.
CATHOLIC DAUGHTERS OF THE AMERICAS	Place of Worship	N	N	-	Facility located outside of the floodplain.
NEWMEADOW, INC.	Child Care Center	N	N	-	Facility located outside of the floodplain.
Elementary School	Polling Site	N	N	-	Facility located outside of the floodplain.
Town Highway Garage	Polling Site	N	N	-	Facility located outside of the floodplain.
Town Hall	Polling Site	N	N	-	Facility located outside of the floodplain.



Name	Type	Vulnerability		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Annual Chance Event	0.2% Annual Chance Event		
Fort Edward Free Library	Library	N	N	-	Facility located outside of the floodplain.
C180070	Large Culvert	N	N	-	Facility located outside of the floodplain.
C180003	Large Culvert	Y	Y		No concerns with the culvert and it is proper sized.
Fort Edward	Rail Station	N	N	-	Facility located outside of the floodplain.
Fort Edward Yard	Rail Station	N	N	-	Facility located outside of the floodplain.
CPC 56	Rail Station	N	N	-	Facility located outside of the floodplain.
Fort Edward Fire Department - Station 1	Fire Station	N	N	-	Facility located outside of the floodplain.
Fort Edward Village Police	Police Station	N	N	-	Facility located outside of the floodplain.
Town/Village of Fort Edward	Town/Village Hall	N	N	-	Facility located outside of the floodplain.
FORT EDWARD SCHOOL	Secondary Education Facility	N	N	-	Facility located outside of the floodplain.
GARY KOOPMAN	Chemical Bulk Storage Facility	N	N	-	Facility located outside of the floodplain.
DECORA MANUFACTURING	Chemical Bulk Storage Facility	N	N	-	Facility located outside of the floodplain.
IRVING TISSUE	Chemical Bulk Storage Facility	N	N	-	Facility located outside of the floodplain.
GRANBY ELEMENTARY SCHOOL	Chemical Bulk Storage Facility	N	N	-	Facility located outside of the floodplain.
LYONSDALE POWER CO., LLC	Chemical Bulk Storage Facility	N	N	-	Facility located outside of the floodplain.



Source: Washington County 2024; HIFLD 2023, 2024; NYS Department of Environmental Conservation 2024; NYS GIS 2023

11.3.4 Local Hazard Impacts Assessment

Table F. Local Hazard Impacts Assessment

Hazard Name	Local Impacts
Dam Failure	The Village has no known impacts.
Earthquake	The Village has no known impacts.
Extreme Temperature	The Village has no known impacts.
Flood	The Village has no known impacts.
Severe Weather	The Village has no known impacts.
Severe Winter Weather	The Village has no known impacts.
Wildfire	The Village has no known impacts.

11.3.5 Vulnerable Community Assets

Table G. Vulnerable Community Assets

Community Asset	Hazard Impacts and Asset Vulnerabilities	Community Asset	Hazard Impacts and Asset Vulnerabilities
Agriculture	N/A	Local Roads	No known impact
Airports	N/A	Major Employers	No known impact
Area: Concentration of Businesses	No known impact	Medical Centers (non-hospital)	No known impact
Area: Concentration of Residences	No known impact	Natural Resources	No known impact
Bridges	No known impact	Neighborhoods	No known impact
City Hall/Courthouse	No known impact	Parks and Recreational Sites	No known impact
College/University	No known impact	Place of Worship	No known impact
Community Centers/Hubs	No known impact	Private Property	No known impact



Community Asset	Hazard Impacts and Asset Vulnerabilities	Community Asset	Hazard Impacts and Asset Vulnerabilities
Community Activities: major local events including festivals and economic drivers such as beaches, skiing, farming, fishing, etc.	No known impact	Public Transportation	No known impact
Cultural/Historic Buildings/Sites	No known impact	Schools (K-12)	No known impact
Culverts	No known impact	Small Businesses	No known impact
Elder-care Facilities	No known impact	Supermarkets/Grocery Stores	No known impact
Fire/Police Stations	No known impact	Transportation - Mobile Asset Storage	The Village has an undersized highway garage. Storage both inside and outside of garage.
Gas Stations	No known impact	Utilities	No known impact
Highways	No known impact	Wastewater Treatment Plants	No known impact
Hospitals	No known impact	Waterfront	No known impact
Other	No known impact	Drinking Water Resources	No known impact

11.3.6 Dams

The table below includes all dams in the Village of Fort Edward. This dam data is sourced from NYSDEC's inventory of dams and lists selected attributes of each dam. The dam classification (high, medium or low) corresponds to dam hazard classifications:

- **Class A: Low Hazard** - Dam failure may cause relatively minor economic or environmental damage.
- **Class B: Intermediate Hazard** - Dam failure may cause significant economic or environmental damage, but loss of life is not expected. There are about 570 Intermediate Hazard dams in New York.
- **Class C: High Hazard** - Dam failure may cause loss of life or other severe consequences. There are about 427 High Hazard dams in New York.
- **Class D: No Hazard** - Dams which have failed or have been removed and no longer present a risk.

In 2019, the Federal Emergency Management Agency (FEMA) announced the High Hazard Potential Dam (HHPD) Rehabilitation Grant Program, which has the potential to enhance New York's Dam Safety Program by providing technical, planning, design, and construction assistance in the form of grants for rehabilitation of eligible High Hazard Potential Dams (Class C dams).



Class C, or High Hazard Potential dams, are attributed to any dam whose failure or mis-operation will cause loss of human life and significant property damage. However, dams with other Classifications may still present real and present risks to people and property.

Table H. Dams Located in the Municipality

State ID	Name	River Name	Owners	Owner Type	Purposes	Classification
None Identified						

11.3.7 Hazard Ranking and Vulnerabilities

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. Mitigation actions were developed for all high-ranked hazards. For jurisdictions that do not have two or more high rankings, medium rankings that have associated actions can be considered as hazards of concern.

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. Impacts from a particular hazard may have decreased due to an implemented project or relocation of an asset that was previously at risk. Alternatively, risk may have increased because population has increased in a hazard prone area.

Table I. Hazard Ranking

Hazard Name	Hazard Ranking in 2018 HMP	Frequency (2018 – present):	Hazard Name	Hazard Ranking in 2018 HMP	Frequency (2018 – present):	Hazard Name
Dam Failure	N/A	N/A	N/A	-	N/A	Low
Earthquake	High	Decreased	Decreased	The previous ranking was not accurate.	Decreased	Low
Extreme Temperature	N/A	N/A	N/A	-	N/A	Low
Flood	Medium	Stay the same	Stay the Same	-	Stay the same	Medium
Severe Weather	High	Stay the same	Stay the Same	-	Stay the same	High
Severe Winter Weather	High	Stay the same	Stay the Same	-	Stay the same	High
Wildfire	High	Decrease	Decrease		Stay the Same	Medium



11.4 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 J through Table M.

11.4.1 Development and Permitting

Table J. Development and Permitting Capability

Question	Answer
Does your municipality or the county issue building permits for development in your community?	The Building and Codes Department is responsible for issuing building permits, conducting code inspections, and coordinating meetings of the Planning Board and Zoning Board of Appeals. This department will conduct building consultations and site visits for zoning and planning application assistance.
What is your process for tracking building permits?	It has been several years since any floodplain development has taken place.
Are permits tracked by hazard area? (For example, floodplain development permits.)	A Three Lot subdivision recently approved State Rt 197
Does your community have a buildable land inventory? If yes, please describe.	There is available space for build out within the Village.

Table K. 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	1	0	2 – Town Garage, Gazebo	3
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	1 – Irving Consumer Products	1
Permits within SFHA	0	0	0	0
2022				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0



2023				
Total Permits	0	0	1 – Irving Consumer Products	1
Permits within SFHA	0	0	0	0
2024				
Total Permits	3	0	0	3
Permits within SFHA	0	0	0	0

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

Table L. Recent Major Development and Infrastructure from 2019 to 2024

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones	Description / Status of Development
None Identified					

Table M. 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
None Identified					

11.5 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 A is responsible for maintaining this information.

11.5.1 NFIP Statistics

Table N summarizes the NFIP policy and claim statistics for Fort Edward.

Table N. Fort Edward NFIP Summary of Policy and Claim Statistics

# Policies	9
# Claims (Losses)	8
Total Loss Payments	\$144,158.20
# Repetitive Loss Properties (NFIP definition)	0
# 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

11.5.2 National Flood Insurance Program (NFIP) Flood Vulnerability Summary

The HMP Team provided information on participation in and continued compliance with the NFIP in the table below.

Table O. NFIP Summary

NFIP Topic	Comments
Describe areas prone to flooding in your jurisdiction.	Rogers Island, Yacht Basin, End of Moon Street, Edward Street, and Old Fort Street.
Are areas of your community located in a floodplain (1% and .2%)? If yes, please describe.	Rogers Island, Ends of streets off Broadway that border the river.
Who is the Community Floodplain Administrator (FPA)? Do they serve any roles other than FPA? Do they have adequate training and capacity for this role?	Dave Armando serves as Village Code Enforcement and they have adequate training, but could always use more.
What local department is responsible for floodplain management?	Village of FE.
Are any certified floodplain managers on staff in your jurisdiction?	Yes.
What is the local law number or municipal code of your flood damage prevention ordinance?	Village Code Chapter 178.
What is the date that your flood damage prevention ordinance was last amended?	December 2016.
When was the latest effective Flood Insurance Rate Map (FIRM) adopted, if applicable?	2023
Explain NFIP administration services (e.g., permit review, inspections, engineering capability, GIS, etc.)	Review before issuing construction permits.
What are the barriers to running an effective NFIP program in your community, if any?	None



NFIP Topic	Comments
Does your floodplain management staff need any assistance or training to support its floodplain management program? If yes, what type of assistance/training is needed?	Yes, refresher training.
How do you make Substantial Damage determinations? What is the process to make sure these structures are brought into compliance?	None on record.
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Anything other than cosmetic improvements is substantial improvement.
How many Substantial Damage determinations were declared for recent flood events in your jurisdiction?	None
Does the community track the number of buildings in the floodplain? If so, how many structures are in special flood hazard area (SFHA)?	No
How many structures (residential and non-residential) are exposed to flood risk within the community outside of the regulatory maps?	None
Does the community maintain elevation records? If yes, please describe.	Yes, for projects in or near the flood plain.
Describe any areas of flood risk with limited NFIP policy coverage.	None
How does the community teach property owners or other stakeholders about the importance of flood insurance?	They are advised if construction proposals are received in flood areas.
What digital sources (like the FEMA Map Service Center, National Flood Hazard Layer) or non-regulatory tools does your community use?	Maps.
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
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	Unknown
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No



11.6 JURISDICTIONAL CAPABILITY INVENTORY AND ASSESSMENT

The Village of Fort Edward conducted a comprehensive inventory and assessment of its existing capabilities, plans, programs, and policies that support the implementation of hazard mitigation strategies. As part of this process, the Hazard Mitigation Planning (HMP) Team conducted a detailed review of the Village's existing capabilities, comparing them against a comprehensive list of hazard mitigation-related capabilities. It is important to note that the absence of certain types of capabilities was not interpreted as a deficiency in local capabilities, but rather as a reflection of the Village's specific needs and context.

Volume I, *Chapter 13 Capability Assessment* and the *Capability Inventory and Assessment* section of the Washington County Jurisdictional Annex collectively outline the full range of capabilities available at the County level, which includes resources and programs that extend to and benefit the Village. For additional information on these shared resources and collaborative efforts, please refer to these resources.

The tables below provide a summary of jurisdictional-specific capabilities currently in effect that support hazard mitigation efforts. 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 Fort Edward to identify opportunities for integrating mitigation concepts into ongoing Village procedures.



11.6.1 Planning and Regulatory Capability and Integration

Planning and regulatory capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards.

Ordinances

Table P. Ordinances

Capability Type	In Place in Municipality	Comments	Capability Type
Building Codes	Yes, Chapter 127 – Building Code Administration and Enforcement	This chapter shall provide the method for administration and enforcement of the New York State Uniform Fire Prevention and Building Code and the Energy Code (collectively referred to in this chapter as "the Uniform Code") in the Village of Fort Edward and shall establish powers, duties, and responsibilities in connection therewith. The Board of Trustees designated the Code Enforcement Official as the enforcing official.	Code Enforcement Officer
Flood Damage Prevention Ordinance	Yes, Chapter 178 – Flood Damage Prevention	It is the purpose of this chapter to promote the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to: 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, are 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.	Building Inspector
Real Estate Disclosure Requirements	Yes, Property Condition Disclosure Act, NY Code - Article 14 §460-467	The NYS mandate requires sellers to disclose to potential buyers whether their property is located in a designated floodplain.	NYS Department of State, Real Estate Agent
Site Plan Code	Yes, Chapter 350 – Zoning,	The overall purpose of the site plan review is to plan for the design of commercial, residential, and industrial development when it occurs on a single	Planning/Zoning Board



Capability Type	In Place in Municipality	Comments	Capability Type
	Article IX – Site Plan Review	parcel of land and to assess the suitability of the proposed development to the natural conditions of the site and compatibility with surrounding uses. Through site plan review, it is the intent of this article to promote the health, safety, and general welfare of the inhabitants of the Village. It is also the intent of this article to ensure the conservation, protection, preservation, development, and use of the natural and man-made resources of the Village through the review and approval of site plans.	
Stormwater Management Code	Yes, Chapter 27 – Stormwater Management and Erosion and Sediment Control	The purpose of this chapter is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within the Village of Fort Edward. This chapter seeks to meet these purposes by achieving the following objectives: A. Meet the requirements of minimum measures 4 and 5 of the SPDES General Permit for Stormwater Discharges from Municipal Stormwater Sewer Systems (MS4s), Permit No. GP-02-02, or as amended or revised; B. Require land development activities to conform to the substantive requirements of the NYS Department of Environmental Conservation State Pollutant Discharge Elimination Discharge Elimination System (SPDES) General Permit for Construction Activities GP-02-01, or as amended or revised; C. Minimize increases in stormwater runoff from land development activities in order to reduce flooding, siltation, increases in stream temperature, and stream bank erosion and maintain the integrity of stream channels; D. Minimize increases in pollution caused by stormwater runoff from land development activities which would otherwise degrade local water quality; E. Minimize the total annual volume of stormwater runoff which flows from any specific site during following development to the maximum extent practicable; and F. Reduce stormwater runoff rates and volumes, soil erosion and nonpoint source pollution, wherever possible, through stormwater management practices and to ensure that these management practices are properly maintained and eliminate threats to public safety.	Stormwater Management Officer
Subdivision Code	Yes, Chapter 350 – Zoning	The Fort Edward Planning/Zoning Board is authorized and empowered to approve plats showing lots, blocks, or sites, with or without streets or highways, to approve the development of entirely or partially undeveloped plats already filed in the office of the Clerk of the county and to conditionally approve	Planning/Zoning Board



Capability Type	In Place in Municipality	Comments	Capability Type
		preliminary plats within the Village of Fort Edward. It is declared to be the policy of the Planning/Zoning Board to consider land subdivision plats for residential, industrial, and commercial use as part of a plan for the orderly, efficient, and economical development of the Village.	
Zoning/Land Use Code	Yes, Chapter 350 – Zoning	The purposes of this chapter are to provide for orderly growth and change within the Village of Fort Edward and to provide for the health, safety, and general welfare of existing and future residents. Further, this chapter is intended to implement the recommendations made in the Village of Fort Edward Master Plan, dated 2006, as amended and supplemented by further actions of the Board of Trustees and policies adopted by the Board of Trustees.	Zoning

Plans

Table Q. Planning Capabilities

Capability Type	In Place in Municipality	Comments	Capability Type
Comprehensive Plan	Yes, Village of Fort Edward Master Plan, 2006	The Master Plan is a written document that identifies and establishes our community's goals, objectives, and recommendations in order to guide future growth, development, and/or preservation. This Master Plan acts as a "guide" or a "blueprint" for the future, summarizes the history of the community, analyzes the present and/or existing conditions, sets forth issues, objectives and actions for forthcoming changes, and outlines an implementation strategy for those actions. In short, this Master Plan tells us where we have been, where we are now, where we want to be, and how we are going to get there. In order for the Village of Fort Edward to continue to be socially and economically sustainable, it must respond to changing conditions. The vitality of the Village requires a strategic vision that weaves together the facts of changing economic conditions, the importance and value of open space, and the needs and desires of a diverse population.	Planning/Zoning Board
Economic Development Plan	Yes, Village of Fort Edward Master Plan, 2006 – Economic	Fort Edward has a variety of local and regional economic development resources available to encourage the growth and stabilization of the economy. In order for the Village of Fort Edward to remain economically sustainable, it must respond to changing conditions. The vitality of the Village requires a vision that weaves together the facts of changing	Planning/Zoning Board



Capability Type	In Place in Municipality	Comments	Capability Type
	Development Element	economic conditions, the importance and value of open space, recreation, quality housing, and the needs and desires of a diverse population.	
Transportation Plan	Yes, Village of Fort Edward Master Plan, 2006 – Transportation Element	The general goal of a transportation system is to facilitate the economical movement of people, goods, and services. The Village is dependent on surface transportation system which includes roads, bridges, transit, walkways, trails, and the railroad for the quality of our lives. A well-planned and designed surface transportation system should be accommodating to all modes of traffic, be safe for use, visually appealing and environmentally friendly.	Planning/Zoning Board

11.6.2 Administrative and Technical Capability

Table R. Administrative and Technical Capabilities

Capability Type	In Place in Municipality	Comments
Chief Building Official	Yes	One Staff member
Code Enforcement Official	Yes	The Building and Codes Department is responsible for issuing building permits, conducting code inspections, and coordinating meetings of the Planning Board and Zoning Board of Appeals. This department will conduct building consultations and site visits for zoning and planning application assistance.
Maintenance Programs	Yes	Public Works, Police
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Water Department
Public Works/Highway Department	Yes	The Street Department performs stormwater maintenance, sidewalk maintenance, and roadway maintenance activities and is made up of six staff members.
Zoning Board of Appeals		The Planning and Zoning boards have combined for the village of Fort Edward. The Planning / Zoning Board of Appeals plays a crucial role in the proper planning and development of our community. Decisions made can have a great impact upon both the present and future appearance of our municipality and the quality of life of our residents. The powers most conferred upon this board consists of: Area variances, Use variances, subdivision review, site plan review and issuance of special permits. The Zoning Board is made up of eight staff members.



11.6.3 Fiscal Capability

Table S. Fiscal Capabilities

Capability Type	Is this funding capability currently in use in the Municipality? If yes, please describe.
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	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal (non-FEMA) funding programs	Yes
FEMA funding programs	Yes
Other State funding programs	Yes
Open Space Acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	No

11.6.4 Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to carry out mitigation activities and communicate information about hazards. Table 12-19 summarizes the education and outreach resources available to Fort Edward.

Table T. Education and Outreach Capabilities

Capability Type	Is this education and outreach capability currently in use in the Municipality? If yes, please describe.
Community Newsletter	Yes. The Village has a summer and a winter newsletter about fiscal year responsibilities as well as resident laws
Hazard awareness campaigns (such as Firewise, Storm Ready, Severe Weather Awareness Week, school programs, public events)	No



Capability Type	Is this education and outreach capability currently in use in the Municipality? If yes, please describe.
Hazard mitigation information available on your website	Yes, Stormwater management information presented on the Stormwater Management webpage.
Local News	Yes, The Village utilizes radio, television, internet, and 911 reverse calling through the County to get important information to residents.
Natural disaster/safety programs in place for schools	No
Organizations that conduct outreach to socially vulnerable populations and underserved populations	No
Public information officer or communications office	Yes, Mayor
Social media for hazard mitigation education and outreach	Yes, the Village maintains a Facebook page.
Warning systems for hazard events	Yes, the Village utilizes radio, television, internet, and 911 reverse calling through the County to get important information to residents.
Other	No

11.6.5 Hazard Capability Assessment

Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The HMP Team ranked the local government's capability to address risks and impacts of each hazard based on the risk and capability assessments performed above.

- *Strong: Capacity exists and effectively manages the impacts of this hazard.*
- *Moderate: Capacity exists but is not used or needs some improvement.*
- *Weak: Capacity exists and needs substantial improvement*
- *None: Capacity does not exist.*
- *N/A: This hazard is not a risk to my community.*

Table U. Adaptive Capacity

Hazard	Adaptive Capacity: Strong, Moderate, Weak, None
Dam Failure	Moderate
Earthquake	Moderate
Extreme Temperature	Moderate
Flood	Moderate
Pandemic	Moderate
Severe Weather	Moderate



Hazard	Adaptive Capacity: Strong, Moderate, Weak, None
Severe Winter Weather	Moderate
Wildfire	Moderate



11.7 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.

11.7.1 Past Mitigation Action Status

The table below indicates progress on the Village's mitigation strategy identified in the 2018 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.

Table V. Status of Previous Mitigation Actions

V. Fort Edward-1 —Staff Training		
Hazards Addressed	☒ Earthquake ☒ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire
Lead Agency / Department	Village Board	
Supporting Agency / Department	Highway Department, Code Enforcement, Planning	
Action Location	Village-wide	
Summary of Original Problem	Staff members have not been formally trained in the fields of Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, and Debris Management.	
Summary of Solution (Project)	Send Village staff to county and state trainings on regulatory requirements for natural hazard risk management and encourage certification programs with respect to hazard risk management in Benefit Cost Analysis (BCA), Recovery Planning, Damage Estimates, and Debris Management. Certifications and trainings for hazard risk management will allow for staff members to properly address hazards of concern and mitigation opportunities. The training will provide procedures and guidelines for conducting BCAs, recovery planning, conducting damage assessments, and manage debris during emergencies.	
Action Category	☐ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☒ Education and Awareness Programs (EAP)
Current Status	Discontinued - Ongoing Capability	
Please describe the current status selection:	-	
Next Steps		
Include in the 2025 HMP or Discontinue?	Discontinue	
If include, revise/reword as appropriate	-	



If discontinue, explain why	-	
V. Fort Edward-2 —Warning Siren		
Hazards Addressed	☒ Earthquake ☒ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire
Lead Agency / Department	Village Planning Board	
Supporting Agency / Department	Emergency Management	
Action Location	Village-wide	
Summary of Original Problem	There is currently no outdoor warning siren in the Village of Fort Edward, which leads to a lack of widespread communication in the event of an emergency. In the past 20 years, the Village has undergone evacuations for chemical leaks on railcars, derailments, exploding sewer lines, and flooding.	
Summary of Solution (Project)	Purchase and install outdoor warning siren which would notify residents of imminent danger and allow them to take shelter either in their homes, place of work, or one of the identified shelters.	
Action Category	☐ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☒ Education and Awareness Programs (EAP)
Current Status	Discontinued - Ongoing Capability	
Please describe the current status selection:	-	
Next Steps		
Include in the 2025 HMP or Discontinue?	Discontinue	
If include, revise/reword as appropriate	-	
If discontinue, explain why	-	
V. Fort Edward--3 —Floodplain Administrator Training		
Hazards Addressed	☐ Earthquake ☐ Extreme Temperature ☒ Flood	☐ Severe Weather ☐ Severe Winter Weather ☐ Wildfire
Lead Agency / Department	Village FPA	
Supporting Agency / Department	County	
Action Location	Village-wide	
Summary of Original Problem	Staff members have not been formally trained on Floodplain Administration.	
Summary of Solution (Project)	Send local Floodplain Administrator to County- and State-offered trainings and to complete certification programs with respect to floodplain management and running an effective local floodplain administration program in the Village. Also provide continuing education and training to ensure code enforcement and proper inspections.	



Action Category	☐ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☒ Education and Awareness Programs (EAP)
Current Status	Proposed - Not Started	
Please describe the current status selection:	-	
Next Steps		
Include in the 2025 HMP or Discontinue?	Include	
If include, revise/reword as appropriate	-	
If discontinue, explain why	-	

V. Fort Edward-4 —Master Plan Update

Hazards Addressed	☒ Earthquake ☒ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire
Lead Agency / Department	Village Planning and Zoning Board	
Supporting Agency / Department	-	
Action Location	Village-wide	
Summary of Original Problem	The Village's master plan does not currently address hazard identification or risk assessment or mitigation goals in any of the elements. There is little coordination between the two current planning processes which leads to disconnect and uncertainty whether or not hazard assessment information is incorporated into future land use and other elements of the master plan.	
Summary of Solution (Project)	Use the results and guidance from the Hazard Mitigation Plan to steer future Master Plan updates to incorporate mitigation into the goals and objectives, as well as in future planning decisions. Coordinating the hazard mitigation plan with the master plan can provide a mechanism for implementing the mitigation goals, objectives, policies, and actions in the hazard mitigation plan beyond federal mitigation grants and recovery operations.	
Action Category	☒ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☐ Education and Awareness Programs (EAP)
Current Status	Proposed - Not Started	
Please describe the current status selection:	-	
Next Steps		
Include in the 2025 HMP or Discontinue?	Include	
If include, revise/reword as appropriate	-	
If discontinue, explain why	-	

V. Fort Edward-5 — Stormwater System Upgrades



Hazards Addressed	☐ Earthquake ☐ Extreme Temperature ☒ Flood	☒ Severe Weather ☐ Severe Winter Weather ☐ Wildfire
Lead Agency / Department	Village Street Department	
Supporting Agency / Department	Village Water Department	
Action Location	Village-wide	
Summary of Original Problem	As the stormwater system in the Village ages, it is uncertain as to which areas are in need of updating. An inadequate sized system will lead to increased risk in flooding, siltation, erosion, and degradation of water quality in the Village.	
Summary of Solution (Project)	Evaluate the stormwater system of the Village, identify areas of the system that need to be enhanced, and increase the capacity of the identified areas.	
Action Category	☐ Local Plans and Regulations (LPR) ☒ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☐ Education and Awareness Programs (EAP)
Current Status	Completed	
Please describe the current status selection:	-	
Next Steps		
Include in the 2025 HMP or Discontinue?	Discontinue	
If include, revise/reword as appropriate	-	
If discontinue, explain why	-	

11.7.2 Additional Mitigation Efforts

In addition to the mitigation actions completed in Table 12-21, Fort Edward identified the following mitigation efforts completed since the last HMP:

- None Identified

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

- None Identified

11.7.3 Identified Issues

The Village of Fort Edward has identified the following vulnerabilities within their community for mitigation strategy development:

- The Highway Garage is severely undersized and numerous pieces of equipment used to prepare for and respond to hazard events are currently sitting outside. This impacts the day-to-day functionality and lifespan of the equipment and hinders the Village's ability to perform continuity of operations procedures necessary to sustain vital services for the community. Loss or impairment of this equipment would severely limit the Village's ability to clear roads, maintain access for emergency responders, and provide essential services during and after disasters.



- The Village faces increasing flood risks due to more intense precipitation events. Incorporating best practices and the most up-to-date NFIP guidance will better protect the Village, its residents, and their properties from potential damage. However, some of the Village staff are not adequately trained to enforce NFIP regulations and/or floodplain management ordinances.
- The Village's master plan does not currently address hazard identification or risk assessment or mitigation goals in any of the elements. There is little coordination between the two current planning processes which leads to disconnect and uncertainty whether or not hazard assessment information is incorporated into future land use and other elements of the master plan.
- Major disaster events can result in large amounts of debris that overwhelm normal trash collection operations, including severe weather, winter weather and flooding events. Depending on the amount generated, temporary staging areas for debris collection may be needed. The municipality does not have a disaster debris management plan in place. During a disaster that results in debris, a plan with outlined responsibilities is needed to adequately address post-disaster cleanup operations.
- The Village does not have any organizations that conduct outreach to socially vulnerable populations and underserved populations in terms of emergency sheltering. The Village is vulnerable to power outages from extreme temperatures, severe weather and severe winter weather and is concerned about sheltering and electrical needs regarding individuals that may be reliant on power for medical equipment.



11.7.4 Proposed Hazard Mitigation Actions for the HMP Update

Fort Edward participated in the mitigation strategy workshop and identified hazard mitigation actions to reduce the risks and impacts of hazards the community ranked as high-risk. Hazard risk ranking was specific to each community in the County and was based on quantitative (i.e., analysis of the best available data) and qualitative risk assessment processes (i.e., evaluation of previous occurrences, likelihood of future occurrences and vulnerabilities to people and community services; buildings and critical infrastructure; the natural environment and other local priorities).

Implementation of these actions are dependent upon available funding (grants and local match availability) and local capacity and may be modified or omitted at any time based on the occurrence of new hazard events and changes in local priorities.

Volume I identifies fourteen evaluation criteria for prioritizing the mitigation actions. Below, Table W provides the prioritization criteria score for each proposed mitigation action.

Action 2025-FortEdwardV-01. Highway Garage

Lead Agency:	Village Streets Department	
Supporting Agencies:	Village Administration	
Hazards of Concern:	☐ Dam Failure ☒ Earthquake ☒ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire
Description of the Problem:	The Highway Garage is severely undersized and numerous pieces of equipment used to prepare for and respond to hazard events are currently sitting outside. This impacts the day-to-day functionality and lifespan of the equipment and hinders the Village's ability to perform continuity of operations procedures necessary to sustain vital services for the community. Loss or impairment of this equipment would severely limit the Village's ability to clear roads, maintain access for emergency responders, and provide essential services during and after disasters.	
Description of the Solution:	The Village will consult with an engineer to determine the best location and size for an upgraded and weather-proofed Highway Garage facility that has the capacity to store all the vehicles and equipment that should be kept inside to protect their functionality and useful life. The Village will be responsible for ensuring routine maintenance is performed in the garage. The Village will also ensure the new garage has a backup power source.	
Estimated Cost:	TBD based on Engineer	
Potential Funding Sources:	HMGP, Village Budget	
Implementation Timeline:	Within 5 Years	
Goals Met:	1, 2, 3	
Benefits:	The Village will have a proper-sized highway garage that can store all of the tools that need to be kept in a more temperature-controlled setting.	



Impact on Socially Vulnerable Populations:	By constructing a modern, resilient Highway Garage designed to withstand local hazard risks, the municipality will ensure that these assets are safely secure, functional, and immediately available when needed most. This investment reduces long-term disaster recovery costs, safeguards critical infrastructure, and strengthens the Village's capacity to protect residents, businesses, and regional transportation corridors during emergencies.		
Impact on Future Development:	Any future development will have support from a fully prepared Steets Department with functioning equipment due to proper storage and maintenance of all equipment.		
Impact on Critical Facilities/Lifelines:	Any critical facilities will have support from the fully prepared Streets Department with functioning equipment due to proper storage and maintenance of all equipment.		
Impact on Capabilities:	This action strengthens the Streets Department functionality which allows for more efficient work to be performed.		
Climate Change Considerations:	Climate change is likely to increase severity but decrease the frequency of severe weather events such as high winds and severe winter weather. This action considers the chance of more severe weather and temperature extremes.		
Mitigation Category	☐ Local Plans and Regulations (LPR) ☒ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☐ Education and Awareness Programs (EAP)	
CRS Category	☐ Preventative Measures (PR) ☒ Property Protection (PP) ☒ Public Information (PI)	☐ Natural Resource Protection (NR) ☐ Structural Flood Control Projects (SP) ☒ Emergency Services (ES)	
Priority	☒ High	☐ Medium	☐ Low
Alternatives	Action		Evaluation
	No action		-
	Rely on neighboring municipalities for equipment		Does not fix current issue of leaks and damage in the facility
	Rely on neighboring County for equipment		Does not fix current issue of leaks and damage in the facility



Action 2025-FortEdwardV-02. Training Floodplain Administrator

Lead Agency:	Floodplain Administrator	
Supporting Agencies:	Village Administration	
Hazards of Concern:	☐ Dam Failure ☐ Earthquake ☐ Extreme Temperature ☒ Flood	☒ Severe Weather ☐ Severe Winter Weather ☐ Wildfire
Description of the Problem:	The Village faces increasing flood risks due to more intense precipitation events. Incorporating best practices and the most up-to-date NFIP guidance will better protect the Village, its residents, and their properties from potential damage. However, some of the Village staff are not adequately trained to enforce NFIP regulations and/or floodplain management ordinances.	
Description of the Solution:	The Village will send the local Floodplain Administrator to County- and State-offered trainings and to complete certification programs with respect to floodplain management and running an effective local floodplain administration program in the Village. Also provide continuing education and training to ensure code enforcement and proper inspections.	
Estimated Cost:	Low	
Potential Funding Sources:	Village Budget	
Implementation Timeline:	Within 5 years	
Goals Met:	1, 2, 3, 4, 5	
Benefits:	This action will increase the NFIP capabilities of the Village and assure the Village's NFIP program has enough staff to accomplish its goals and reach NFIP compliance.	
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:	This action will enhance the Village's current NFIP capabilities.	
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will educate staff on NFIP regulations to assist with the flood hazard.	
Mitigation Category	☐ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☒ Education and Awareness Programs (EAP)
CRS Category	☐ Preventative Measures (PR) ☐ Property Protection (PP) ☒ Public Information (PI)	☐ Natural Resource Protection (NR) ☐ Structural Flood Control Projects (SP) ☐ Emergency Services (ES)



Priority	☒ High	☐ Medium	☐ Low
Alternatives	Action	Evaluation	
	No Action	-	
	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-FortEdwardV-03. Master Plan Update

Lead Agency:	Village Planning	
Supporting Agencies:	Village Administration	
Hazards of Concern:	☒ Dam Failure ☒ Earthquake ☒ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire
Description of the Problem:	The Village's master plan does not currently address hazard identification or risk assessment or mitigation goals in any of the elements. There is little coordination between the two current planning processes which leads to disconnect and uncertainty whether or not hazard assessment information is incorporated into future land use and other elements of the master plan.	
Description of the Solution:	Use the results and guidance from the Hazard Mitigation Plan to steer future Master Plan updates to incorporate mitigation into the goals and objectives, as well as in future planning decisions. Coordinating the hazard mitigation plan with the master plan can provide a mechanism for implementing the mitigation goals, objectives, policies, and actions in the hazard mitigation plan beyond federal mitigation grants and recovery operations.	
Estimated Cost:	Low	
Potential Funding Sources:	Village Budget	
Implementation Timeline:	Within 5 years	
Goals Met:	1, 2, 3, 4, 5	
Benefits:	This action will have the Village update its master plan, which has not been updated in many years. The integration of hazard mitigation principles will present the opportunity for the Village to identify areas of the Village which may be impacted by hazards and plan for future land use accordingly.	
Impact on Socially Vulnerable Populations:	The inclusion of hazard mitigation principles into the master plan may include discussions on how hazard risks may impact socially vulnerable populations in the Village.	
Impact on Future Development:	This action will have a direct impact on future land use in the Village, as the master plan guides land use principles in the Village.	



Impact on Critical Facilities/Lifelines:	Updating the master plan to include hazard mitigation principles may present an opportunity to discuss hazard risks to critical facilities and lifelines in the Village.		
Impact on Capabilities:	This action will update an already existing planning capability of the Village, making it more resilient.		
Climate Change Considerations:	As impacts from climate change are increasingly felt, the contents in the Village's master plan will need to be updated.		
Mitigation Category	☒ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☐ Education and Awareness Programs (EAP)	
CRS Category	☒ Preventative Measures (PR) ☐ Property Protection (PP) ☐ Public Information (PI)	☐ Natural Resource Protection (NR) ☐ Structural Flood Control Projects (SP) ☐ Emergency Services (ES)	
Priority	☒ High	☐ Medium	☐ Low
Alternatives	Action		Evaluation
	No action		Current problem remains
	Integrate hazard mitigation principles in only plan elements		The plan will miss integration opportunities in the master plan main document
	Integrate hazard mitigation principles in only comprehensive plan main document		The plan will miss integration opportunities in the plan elements

Action 2025-FortEdwardV-04. Disaster Debris Management Plan

Lead Agency:	Village Public Works		
Supporting Agencies:	Village Administration		
Hazards of Concern:	☐ Dam Failure ☐ Earthquake ☐ Extreme Temperature ☒ Flood	☒ Severe Weather ☒ Severe Winter Weather ☒ Wildfire	
Description of the Problem:	Major disaster events can result in large amounts of debris that overwhelm normal trash collection operations, including severe weather, winter weather and flooding events. Depending on the amount generated, temporary staging areas for debris collection may be needed. The municipality does not have a disaster debris management plan in place. During a disaster that results in debris, a plan with outlined responsibilities is needed to adequately address post-disaster cleanup operations.		
Description of the Solution:	The municipality will develop a disaster debris management plan. This plan will establish procedures and guidelines for managing disaster debris in a coordinated, environmentally responsible, and cost-effective manner. The plan will identify responsibilities for execution of the plan. The plan will align with permitted temporary collection areas.		
Estimated Cost:	Low		
Potential Funding Sources:	Village Budget		



Implementation Timeline:	Within 5 years		
Goals Met:	1, 2, 3, 4, 5		
Benefits:	The action will result in increased quicker and more efficient cleanup after disaster events.		
Impact on Socially Vulnerable Populations:	A debris management plan aims to reduce issues for the entire Village population.		
Impact on Future Development:	This action will have a direct impact on future land use in the Village.		
Impact on Critical Facilities/Lifelines:	The debris management plan will discuss hazard risks to critical facilities and lifelines in the Village.		
Impact on Capabilities:	This action will add to an existing planning capability of the Village, making it more resilient.		
Climate Change Considerations:	Climate change may result in an increase in the frequency and severity of weather-related disaster events. This action will increase the capabilities to respond to these events.		
Mitigation Category	☒ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☐ Education and Awareness Programs (EAP)	
CRS Category	☐ Preventative Measures (PR) ☐ Property Protection (PP) ☐ Public Information (PI)	☐ Natural Resource Protection (NR) ☐ Structural Flood Control Projects (SP) ☒ Emergency Services (ES)	
Priority	☒ High	☐ Medium	☐ Low
Alternatives	Action		Evaluation
	No action		Current problem remains
	Rely on federal cleanup		These services may or may not be available
	Rely on state cleanup		These services may or may not be available

Action 2025-FortEdwardV-05. Socially Vulnerable Populations Outreach

Lead Agency:	Village Administration	
Supporting Agencies:	Village Public Works	
Hazards of Concern:	☐ Dam Failure ☐ Earthquake ☒ Extreme Temperature ☐ Flood	☒ Severe Weather ☒ Severe Winter Weather ☐ Wildfire
Description of the Problem:	The Village does not have any organizations that conduct outreach to socially vulnerable populations and underserved populations in terms of emergency sheltering. The Village is vulnerable to power outages from extreme temperatures, severe weather and severe winter weather and is concerned about sheltering and electrical needs regarding individuals that may be reliant on power for medical equipment.	



Description of the Solution:	The Village will create outreach materials on hazard risks for socially vulnerable populations and will ensure that emergency sheltering locations are widely publicized. 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. The Village will also evaluate the feasibility of having a socially vulnerable population registry for individuals that may have specialized needs.		
Estimated Cost:	Low		
Potential Funding Sources:	Village Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	1, 2, 3, 4, 5		
Benefits:	This action will ensure there is an individual working to identify and work with the socially vulnerable populations in the Village. Furthermore, this action will create opportunities to educate and inform populations on hazard risks.		
Impact on Socially Vulnerable Populations:	Socially vulnerable populations in the Village will become educated on hazards and risks. The Village will identify an individual to identify and work with these populations to ensure the most up-to-date information is being shared.		
Impact on Future Development:	Not applicable		
Impact on Critical Facilities/Lifelines:	Educating populations on hazard risk and how to mitigate the risks can decrease the demand for utilities and emergency services including health and medical, law enforcement, and search and rescue.		
Impact on Capabilities:	This action would build upon the Village's already existing public education and outreach program.		
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	☐ Local Plans and Regulations (LPR) ☐ Structure and Infrastructure Project (SIP)	☐ Natural Systems Protection (NSP) ☒ Education and Awareness Programs (EAP)	
CRS Category	☐ Preventative Measures (PR) ☐ Property Protection (PP) ☒ Public Information (PI)	☐ Natural Resource Protection (NR) ☐ Structural Flood Control Projects (SP) ☒ Emergency Services (ES)	
Priority	☒ High	☐ Medium	☐ Low
Alternatives	Action	Evaluation	
	No action	Current problem remains	
	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 guidance	



Table W. 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	
Action 2025-FortEdwardV-01	Highway Garage	0	1	1	1	1	0	1	1	1	1	1	1	1	1	12	High
Action 2025-FortEdwardV-02	Training Floodplain Administrator	1	1	1	1	1	0	1	1	1	1	1	1	1	1	13	High
Action 2025-FortEdwardV-03	Master Plan Update	1	1	1	1	1	0	1	1	1	1	1	1	1	1	13	High
Action 2025-FortEdwardV-04	Disaster Debris Management Plan	0	1	1	1	1	1	0	1	1	1	1	1	1	0	11	High
Action 2025-FortEdwardV-05	Socially Vulnerable Populations Outreach	1	0	1	1	1	1	0	1	1	1	1	1	0	1	11	High

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