



16. VILLAGE OF ELBA

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

16.1 HAZARD MITIGATION PLANNING TEAM

The Village of Elba 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 Mayor represented the community on the Genesee 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 16-1 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 16-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Norm Itjen, Mayor Address: 4 S Main St. Elba, NY 14058 Phone Number: (585) 757-6889 Email: mayor@villageofelba.com	Name/Title: Jerah Augello, Village Clerk Address: 4 S Main St. Elba, NY 14058 Phone Number: (585) 757-6889 Email: clerktreasurer@villageofelba.com
National Flood Insurance Program Floodplain Administrator	
Name/Title: Mike Morris, Code and Zoning Enforcement Address: 7133 Oak Orchard Road, Elba, New York 14058 Phone Number: (585) 250-0896 Email: ceo@elbanewyork.com	

16.2 COMMUNITY PROFILE

The Village of Elba lies in the center of the Town of Elba in the northern portion of Genesee County in Western New York State. The Village is bordered by Oakfield to the west, Batavia to the south, Byron to the east, and the County of Orleans to the north. The Village has a total land area of 1 square mile, all of which is land. The Village is located at the intersection NYS Route 98 and NYS Route 262. Volume II, Chapter 15 (Town of Elba) provides the Town's individual annex.

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 American Community Survey indicates that 5.7 percent of the population



is 5 years of age or younger, 14.7 percent is 65 years of age or older, 0 percent is non-English speaking, 5.7 percent is below the poverty threshold, and 12.4 percent is considered disabled.

16.3 JURISDICTIONAL CAPABILITY ASSESSMENT AND INTEGRATION

Elba 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 Elba to identify opportunities for integrating mitigation concepts into ongoing Village procedures.

16.3.1 Planning and Regulatory Capability and Integration

Table 16-2 summarizes the planning and regulatory tools that are available to Elba.

Table 16-2. 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 #1 of 2006 – NYS Uniform Fire Prevention and Building Code	State and Local	Code/Zoning Enforcement Officer
How has or will this be integrated with the HMP and how does this reduce risk? This local law provides for the administration and enforcement of the New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code) in this Village. This local law is adopted pursuant to section 10 of the Municipal Home Rule Law. Except as otherwise provided in the Uniform Code, other state law, or other section of this local law, all buildings, structures, and premises, regardless of use or occupancy, are subject to the provisions this local law.				
Zoning/Land Use Code	Yes	Local Law #2 of 1990	Local	Code/Zoning Enforcement Officer
How has or will this be integrated with the HMP and how does this reduce risk? The Zoning Law is adopted for the following reasons:				



	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>A. To secure safety from fire, floods, other dangers and to promote the public health and welfare, including, so as conditions may permit, provision for adequate light, air and convenience of access, made with reasonable regard to the character of buildings erected in each district, the value of land and the use to which it might be put, to the end that such regulations may promote public health, safety and welfare and the most desirable use for which the land of each district may be adopted and to conserve the value of buildings and enhance the value of land throughout the village.</p> <p>B To regulate and restrict the location of trades and industries and the location of buildings designed for specific uses, and, for said purposes, to divide the Village into districts, prescribing for each such district the trades and industries which may be included therein or subjected to special regulations and the uses for which buildings may not be erected or enlarged. These regulations are designed to promote the public health, safety and general welfare and are made with reasonable consideration, among other things, to the character of the district, its peculiar suitability for particular uses, the conservation of property values and the direction of building development, in accord with a well-considered plan.</p> <p>C. To provide for the preservation of places, buildings, structures, works of art and other objects having a special character or special historical or aesthetic interest or value</p>				
Subdivision Code	Yes	Local Law #1 of 1973	Local	Zoning Board
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p> <p>It is declared to be the policy of the Village Board to consider land subdivision plats as part of a plan for the orderly, efficient, and economical development of the town. This means, among other things, that land to be subdivided shall be of such character that it can be used safely, for building purposes without danger to health or peril from fire, flood, or other menace; that proper provision shall be made for drainage, water supply, sewerage, and other needed improvements; that all proposed lots shall, be so laid out and of such size as to be in harmony with the development pattern of the neighboring properties; that the proposed streets shall compose a convenient system conforming to the Official Map, if such exists, and shall be properly related to the proposals shown on the Master Plan, if such exists, and shall be of such width, grade, and location as to accommodate the prospective traffic, to facilitate fire protection, and to provide access of fire-fighting equipment to buildings; and that proper provision shall be made for open spaces for parks and playgrounds.</p>				
Site Plan Code	Yes	Local Law #2 of 1990, Section 208	Local	Planning Board
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p> <p>The Planning Board, at a regular or special meeting, shall review and approve, approve with modification, or disapprove a site plan in connection with any application for a zoning permit other than those for single family dwellings and their accessory uses and/or build.</p>				
Stormwater Management Code	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
Post-Disaster Recovery/ Reconstruction Code	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
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?</p> <p>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	-	-	-
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
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 of 1987	Federal, State, County and Local	Code/Zoning 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, 2007	Local	Planning Board
How has or will this be integrated with the HMP and how does this reduce risk? This comprehensive plan is intended to serve Village of Elba officials as a guide for future decision making. It describes a vision of the people of the Elba community regarding development within the Village. The general guidelines and specific recommendations identified in this plan provide direction for governmental bodies in both establishing general policy and acting on individual cases. Knowledge of these guidelines and recommendations also provides guidance to individual citizens of the Village as they make decisions in the planning of their private affairs. Using this comprehensive plan, both governmental bodies and individual citizens stand to realize outcomes within our community which include effective use of Village resources and produces a high level of resident satisfaction. The Town of Elba is current soliciting proposal, with the assistance of New York Green, for a Joint Smart Growth Comprehensive Plan with the Village of Elba.				
Capital Improvement 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
Disaster Debris Management Plan How has or will this be integrated with the HMP and how does this reduce risk?	No	-	-	-
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	-	-	-



	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
Business/ Downtown Development 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	-	-	-
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	-	-	-

16.3.2 Development and Permitting Capability

Table 16-3 summarizes the capabilities of Elba to oversee and track development.



Table 16-3. Development and Permitting Capability

	Yes/No	Comment
Do you issue development permits?	Yes	Code Enforcement and Zoning Department
<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? 		
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	Floodplain
Do you have a buildable land inventory?	No	-
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 		
Describe the level of buildout in your jurisdiction.	N/A	Very little land available for development

16.3.3 Administrative and Technical Capability

Table 16-4 summarizes potential staff and personnel resources available to Elba and their current responsibilities that contribute to hazard mitigation.

Table 16-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
ADMINISTRATIVE CAPABILITY		
Planning Board	Yes	The Planning Board conducts site plan reviews, reviews use variances, and grants permits for temporary uses and structures.
Zoning Board of Adjustment	Yes	The Zoning Board of Appeals shall hear and decide appeals from and review any order, requirement, decision, interpretation or determination made by the Code Enforcement Officer.
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	The Public Works Department is responsible for maintenance of village roads. Maintenance activities include culvert pipes and roadside drainage; plowing and salting; maintenance of trees and brush in rights of way; mowing of roadsides; sweeping roads and intersections; maintenance of Highway vehicles, buildings, and equipment.
Construction/Building/Code Enforcement Department	Yes	The Code/Zoning Department is responsible for the enforcement of the village local laws and codes, issuing of permits, and conducting inspections.



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Emergency Management/Public Safety Department	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	The Public Works Department is responsible for maintenance of village roads. Maintenance activities include culvert pipes and roadside drainage; plowing and salting; maintenance of trees and brush in rights of way; mowing of roadsides; sweeping roads and intersections; maintenance of vehicles, buildings, and equipment.
Mutual aid agreements	Yes	Joint Elba Fire District
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other	No	-
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	Yes	Clark, Patterson Lee
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	Yes	Municipal Solutions
Professionals trained in conducting damage assessments	Yes	NYMIR
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	-
Emergency manager	No	-
Grant writers	No	-
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	No	-

16.3.4 Fiscal Capability

Table 16-5 summarizes financial resources available to Elba.



Table 16-5. 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	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
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

16.3.5 Education and Outreach Capability

Table 16-6 summarizes the education and outreach resources available to Elba.

Table 16-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment
Public information officer or communications office	No	-
Personnel skilled or trained in website development	Yes	Sub Contracted
Hazard mitigation information available on your website	No	-
Social media for hazard mitigation education and outreach	Yes	Facebook
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	Yes	Residential and commercial water usage monitored electronically – a work in progress.
Natural disaster/safety programs in place for schools	No	-
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	Yes	Local Radio, TV and Facebook posting.

16.3.6 Community Classifications

Table 16-7 summarizes classifications for community programs available to Elba.



Table 16-7. 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	Residential: 4, Commercial: 3	-
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

16.3.7 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 16-8 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 16-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Civil Unrest	Moderate
Dam Failure	Moderate
Drought	Moderate
Earthquake	Moderate
Epidemic	Moderate
Extreme Temperature	Moderate
Flood	Moderate
Hazardous Materials	Moderate
Severe Storm	Moderate
Severe Winter Storm	Moderate
Terrorism	Moderate
Transportation Accidents	Moderate
Utility Interruption	Moderate
Wildfire	Moderate



16.4 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 16-1 is responsible for maintaining this information.

16.4.1 NFIP Statistics

Table 16-9 summarizes the NFIP policy and claim statistics for Elba.

Table 16-9. Elba NFIP Summary of Policy and Claim Statistics

# Policies	1
# Claims (Losses)	0
Total Loss Payments	\$0.00
# Repetitive Loss Properties	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 2018

Note: FEMA was only able to provide aggregate Repetitive Loss Claim Data to support this Hazard Mitigation Plan update. For this reason, NFIP summary data in this plan update is sourced from the previous 2019 Hazard Mitigation Plan.

16.4.2 Flood Vulnerability Summary

Table 16-10 provides a summary of the NFIP program in Elba.

Table 16-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction.	Within SFHA
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



NFIP Topic	Comments
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?	None
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.	Flood maps may not accurately show the flood risk. FEMA flood maps are currently being revised across the County.
NFIP Compliance	
What local department is responsible for floodplain management?	Code and Zoning 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 – FEMA, State, County, and regional resources.
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?	Yes, training.
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 the development would increase the structure's value by 50% or more of its existing value.
What are the barriers to running an effective NFIP program in the community, if any?	None
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: Not applicable CAV: Not applicable
What is the local law number or municipal code of your flood damage prevention ordinance?	Local Law #2 of 1987
What is the date that your flood damage prevention ordinance was last amended?	1987
Does your floodplain management program meet or exceed minimum requirements? If exceeds, in what ways?	Meets
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?	The planning board and zoning board consider efforts to reduce flood risk. Planning board conducts site plan review.



NFIP Topic	Comments
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No

16.5 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 16-11 through Table 16-13.

Table 16-11. 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
2016				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2017				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
2018				
Total Permits	0	0	0	0
Permits within SFHA	0	0	0	0
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	0	0	0
Permits within SFHA	0	0	0	0
2023				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2024				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-

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



“-“ = Permitting information was not available during this plan update.

Table 16-12. Recent Major Development and Infrastructure from 2016 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
The Village did not indicate any recent major development or infrastructure between 2016 to present.					

* Only location-specific hazard zones or vulnerabilities identified.

Table 16-13. 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
The Village did not indicate any known or anticipated major development or infrastructure in the next five years.					

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

16.6.1 Hazard Area

Hazard area maps provided below illustrate the probable hazard areas impacted within the Village are shown in Figure 16-1 through Figure 16-2. 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 Elba has significant exposure. The maps show the location of potential new development, where available.

Figure 16-1. Elba Hazard Area Extent and Location Map 1

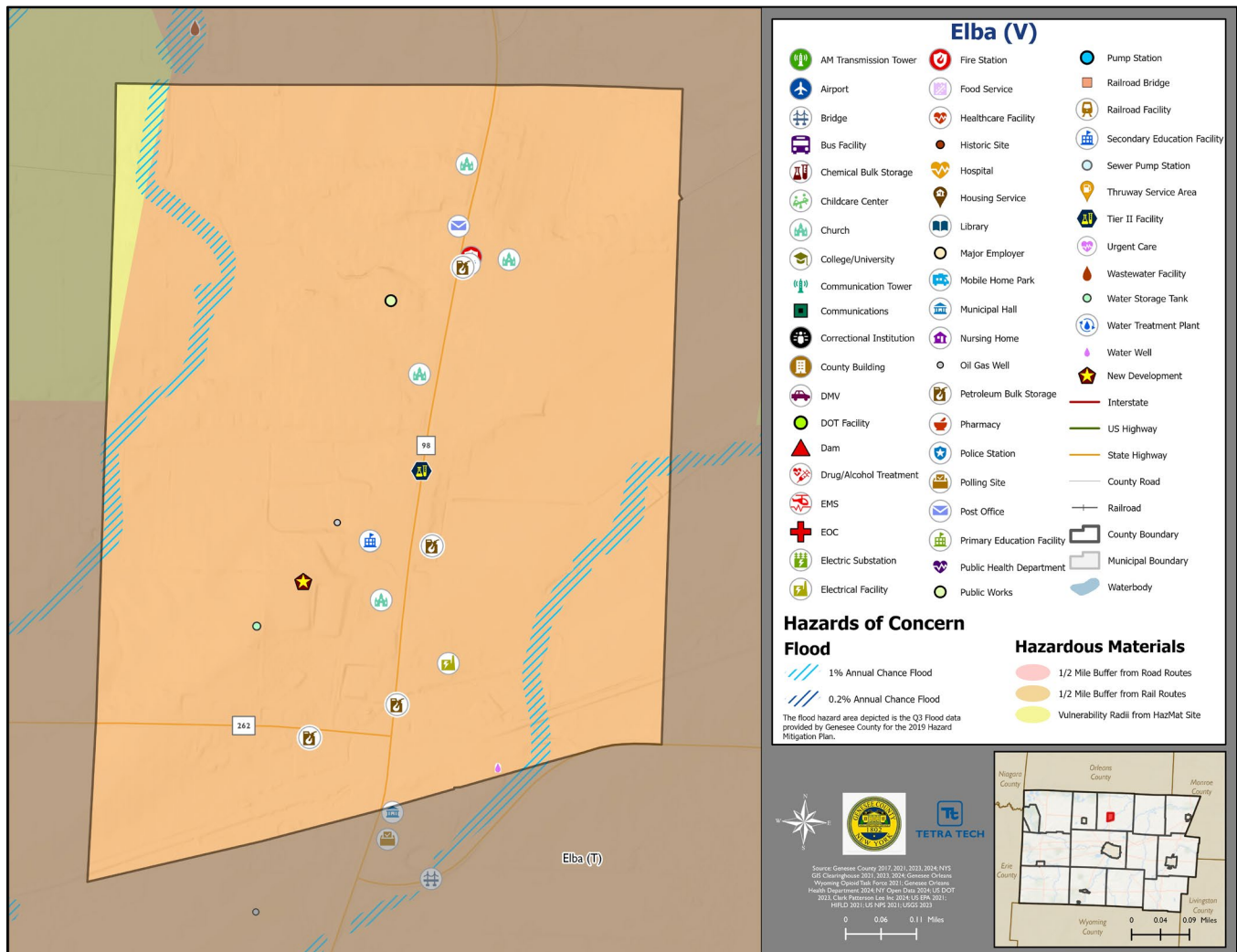
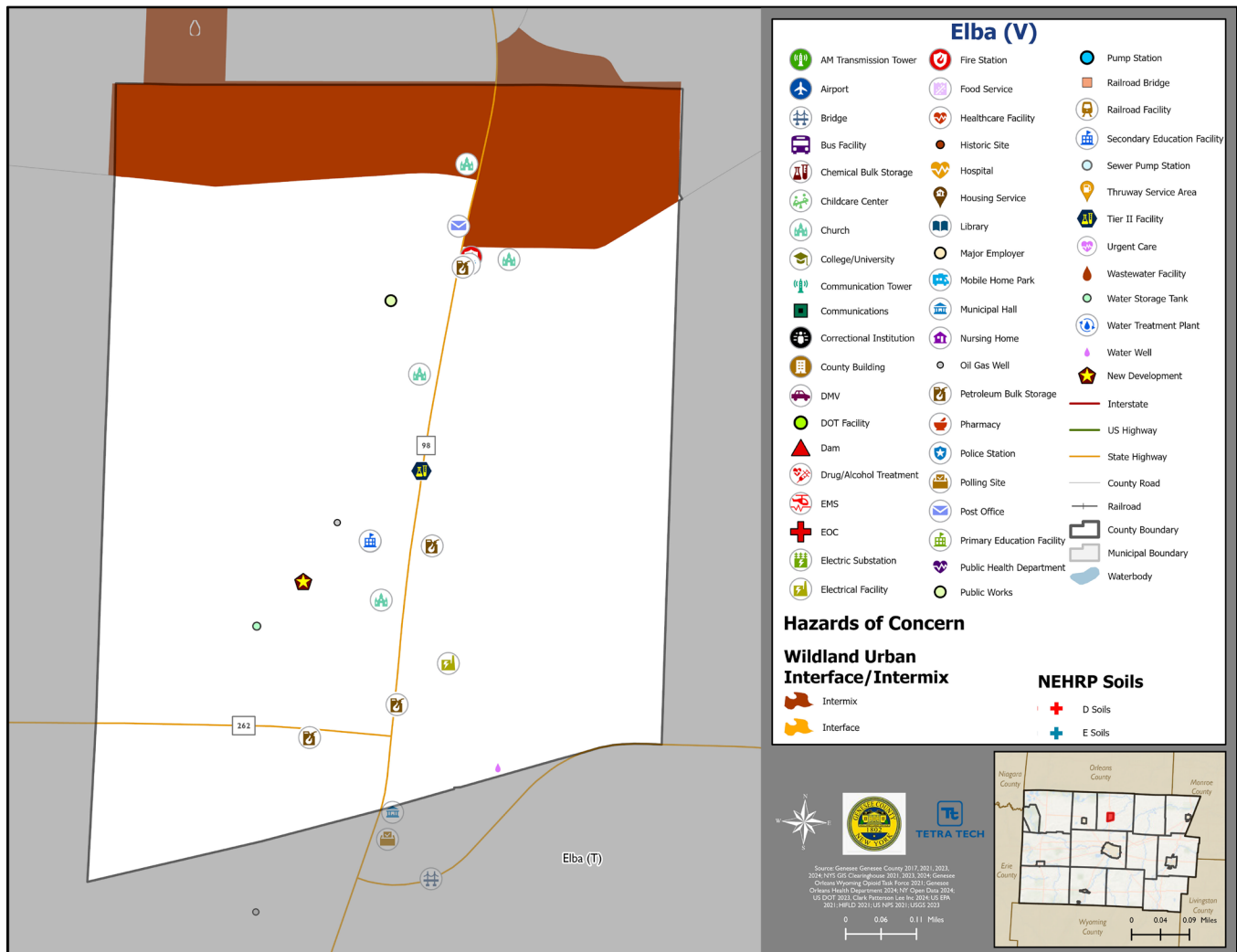




Figure 16-2. Elba Hazard Area Extent and Location Map 2





16.6.2 Hazard Event History

The history of natural and non-natural hazard events in Elba is detailed in Volume I, where each hazard profile includes a chronology of historical events that have affected the County and its municipalities. Table 16-14 provides details on loss and damage in Elba during hazard events since the last hazard mitigation plan update.

Table 16-14. Hazard Event History in Elba

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Elba
February 15-16, 2016	N/A	N/A	Heavy snow accumulations occurred in Central New York, with portions of Genesee County reporting up to 14 inches of snow.	The Village did not incur any documented damages or losses.
March 8, 2017	N/A	N/A	Strong winds caused widespread power outages in Genesee County. Trees and power lines were downed. Power poles were snapped. The strong winds derailed a train in Batavia (Genesee County). Twelve out of thirty-one freight cars were blown off the tracks. 76-mile per hour winds were recorded in Genesee County. Minor injuries were reported to drivers in Alexxander. Winds damaged several buildings.	The Village did not incur any documented damages or losses.
January 30-31, 2019	N/A	N/A	Extreme cold temperatures were recorded in Genesee County, combined with wind gusts of between 35 to 50 miles per hour, wind chills dropped to as low as -26 degrees Fahrenheit.	The Village did not incur any documented damages or losses.
January 20, 2020 - May 11, 2023	DR-4480-NY and EM-3434-NY, Biological	Yes	The coronavirus pandemic resulted in roughly 19,956 positive cases and the deaths of 211 County residents as of August 20, 2024.	The Village did not incur any documented damages or losses.
November 18, 2022 – November 21, 2022	EM-3589-NY, Winter Storm	Yes	A lake effect storm occurred and dropped multiple feet of snow in western New York.	The Village did not incur any documented damages or losses.
December 23, 2022 – December 28, 2022	DR-4694-NY and EM-3590-NY, Winter Storm	Yes	A historic lake effect blizzard occurred northeast of Lake Erie and Lake Ontario during the Christmas holiday weekend. The combination of high winds in excess of 70 mph and heavy lake effect snow resulted in devastating impacts across western New York.	The Village had a tree that was knocked over that took the power out at the sewer plant.



Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Elba
July 10, 2024	N/A	N/A	The remnants of Tropical Storm Beryl impacted the County through the production of severe thunderstorms, heavy rains, strong winds, downed trees and power lines, and a confirmed EF-0 tornado in the Towns of Darien and Alexander.	The Village did not incur any documented damages or losses.
July 15, 2024	N/A	N/A	Strong thunderstorm developed and produced strong winds, heavy rain, and hail resulting in downed trees and power lines. The storms also produced an EF-0 tornado in the Town of Pavilion and flooded roadways, including NYS Route 5 where five feet of water accumulated at a railroad overpass in Le Roy.	The Village did not incur any documented damages or losses.

EM = Emergency Declaration (FEMA)

FEMA = Federal Emergency Management Agency

DR = Major Disaster Declaration (FEMA)

N/A = Not applicable

16.6.3 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 Elba.

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. Elba 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 Village decreased its Civil Unrest hazard ranking from 'Low' to 'No Risk' as it does not have a large population or sites which an event would be likely to occur.
- The Village decreased its Dam Failure hazard ranking from 'Low' to 'No Risk' as there are no dams in the jurisdiction or near the jurisdiction which would impact people or properties.
- The Village decreased its Drought hazard ranking from 'Medium' to 'Low' as there are no agriculture properties, and the population is minimal to have water shortage impacts.
- The Village has decreased its Earthquake hazard ranking from 'Low' to 'No Risk' as there are minimal NEHRP soils in the jurisdiction and based on the lack of historical events.
- The Village decreased its Flood hazard ranking from 'Medium' to 'Low' due to the limited areas potentially impacted by the hazard.



- The Village decreased its Hazardous Materials hazard ranking from 'Medium' to 'Low' as there is only one major road which traverses through the jurisdiction.
- The Village decreased its Terrorism hazard ranking from 'Low' to 'No Risk' as it does not have locations likely to be targeted for such an event to occur.
- The Village decreased its Transportation Accidents hazard ranking from 'High' to 'Low' as there is only one major road which traverses through the jurisdiction.
- The Village decreased its Wildfire hazard ranking from 'Medium' to 'Low' as there is minimal area located within the interface or intermix hazard areas.

Table 16-15 shows Elba's final hazard rankings for identified hazards of concern. Mitigation action development uses the ranking to target hazards with the highest risk.

Table 16-15. Hazard Ranking

Hazard	Rank
Civil Unrest	No Risk
Dam Failure	No Risk
Drought	Low
Earthquake	No Risk
Epidemic	Medium
Extreme Temperature	Medium
Flood	Low
Hazardous Materials	Low
Severe Storm	High
Severe Winter Storm	High
Terrorism	No Risk
Transportation Accidents	Low
Utility Interruption	High
Wildfire	Low

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

Table 16-16. 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		
There were no critical facilities identified to be located in the flood hazard areas.					



Source: *Genesee County 2017, 2021, 2023, 2024; NYS GIS Clearinghouse 2021, 2023, 2024; Genesee Orleans Wyoming Opioid Task Force 2021; Genesee Orleans Health Department 2024; NY Open Data 2024; US DOT 2023, Clark Patterson Lee Inc 2024; US EPA 2021; HIFLD 2021; US NPS 2021; USGS 2023*

16.6.4 Identified Issues

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

- Mechanic Street is prone to stormwater flooding damages. Mechanic Street's elevation has been raised over time from repaving, resulting in the roadway being higher than the adjacent private properties. Stormwaters stemming from severe storms and melted snow from severe winter storms drain from Main Street onto Mechanic Street, eroding the shoulder of Mechanic Street and damaging the yards of the adjacent private properties. The impacted section of Mechanic Street is approximately 0.25 miles long. Riprap has shown to be a durable solution to prevent erosion in areas susceptible to wear and tear from flooding.
- 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 Village is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.
- The Village faces risk from epidemic but does not have a comprehensive education and outreach program 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 may be impacted by drought, as potable water wells could become depleted by unnecessary use. Drought puts a strain on agriculture, recreational use, and daily use of water. The Village does not have a water conservation ordinance to encourage and support water conservation efforts. Extreme temperatures may enhance the impacts of drought by causing the rapid evaporation of moisture from potable wells and floral and fauna.
- The Village has two major roads which traverse through the jurisdiction, NYS Routes 98 and 262. Transportation accidents are apt to occur on this roadway more than local roads. Further, hazardous materials may be transported on the major roadway.
- 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.
- The Village faces risk from wildfires but does not have a comprehensive education and outreach program 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 has an aging population. Due to being within the New York snowbelt, residents are often isolated and without power for long amounts of time during snow storms and other hazard events. Elderly and special needs residents are vulnerable during these events and may need assistance or safety check-ins. In the event of evacuation, elderly residents and those with special needs may acquire additional assistance to evacuate.
- Erosion and sediment control is critical in managing flooding and water supply contamination. The Village does not have an erosion and sediment control ordinance, which would assist to protect the environment and public health by preventing soil erosion and sedimentation. This ordinance would promote public



welfare by guiding and regulating the design, construction, use, and maintenance of activities that disturb or break the topsoil or result in the movement of earth on land.

16.7 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.

16.7.1 Past Mitigation Action Status

Table 16-17 indicates progress on the Village's mitigation strategy identified in the 2019 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.

16.7.2 Additional Mitigation Efforts

Elba did not identify any additional mitigation efforts completed since the last HMP.



Table 16-17. Status of Previous Mitigation Actions

Project Number	Project Name	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.
V. Elba-1	Protect the Village of Elba Treatment Facility to the 500-year flood level.	Village Engineer	The Village of Elba's Wastewater Treatment Plant is located in the 100-year floodplain and needs to be protected to the 500-year flood level. The plant is comprised of four settling ponds which could contaminate floodwaters if exposed. The facility is roughly 3 acres. The plant will be undergoing updates by 2020.	1. Complete 2. Cost 2-3 Million dollars. Critical functions of plant protected. Potential sewage spill prevented.	1. Discontinue 2. Not applicable 3. Project complete
V. Elba-2	Mechanic Street Stormwater Upgrades.	Village Engineer	Mechanic Street is prone to stormwater flooding damages. Mechanic Street's elevation has been raised over time from repaving, resulting in the roadway being higher than the adjacent private properties. Main Street's stormwater drains onto Mechanic Street. As the water runs downhill, it erodes the shoulder of Mechanic Street and damages the yards of the adjacent private properties. The impacted section of Mechanic Street is approximately 0.25 miles long.	1. No Progress 2. Cost of at least 2 million.	1. Include 2. Not applicable 3. Not applicable
V. Elba-3 (former 8)	Erosion and sediment control local law.	Village Board	Erosion and sediment control is critical in managing flooding and water supply contamination.	1. No Progress 2. Village prioritized other projects	1. Include 2. Not applicable 3. Not applicable



Project Number	Project Name	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.
V. Elba-4 (former 8)	Update flood damage prevention ordinance to include freeboard	Village budget	The village's flood damage prevention ordinance needs to be updated to include the 2-foot freeboard requirement.	1. No Progress 2. Village prioritized other projects	1. Include 2. Not applicable 3. Not applicable
V. Elba-5	Training for Floodplain Administrator	Village floodplain administrator	The Village's Floodplain Administrator requires training.	1. No Progress 2. Village prioritized other projects	1. Include 2. Not applicable 3. Not applicable



16.7.3 Proposed Hazard Mitigation Actions for the HMP Update

Elba 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 Elba 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 16-18 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 16-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.



Table 16-18. 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
Civil Unrest										
Dam Failure										
Drought	X				X					X
Earthquake										
Epidemic	X			X	X		X			X
Extreme Temperature	X				X					X
Flood	X	X			X				X	X
Hazardous Materials	X				X					X
Severe Storm	X	X			X				X	X
Severe Winter Storm	X	X			X				X	X
Terrorism										
Transportation Accidents	X				X					X
Utility Interruption	X				X					X
Wildfire	X			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 16-19. 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-ElbaV-01	Floodprone Roads	1	1	1	1	1	0	1	1	1	1	1	1	1	0	12	High
2025-ElbaV-02	Substantial Damage Management Plan	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2025-ElbaV-03	Epidemic Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High
2025-ElbaV-04	Water Conservation Ordinance	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High
2025-ElbaV-05	Transportation Plan	1	1	1	1	1	0	1	1	1	1	1	1	1	1	13	High
2025-ElbaV-06	Flood Damage Prevention Ordinance Update	1	1	1	1	1	1	1	1	1	1	1	1	0	0	12	High
2025-ElbaV-07	Wildfire Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High
2025-ElbaV-08	Access and Functional Needs Registry	1	0	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2025-ElbaV-09	Erosion and Sediment Control Ordinance	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High

Note: Volume I, Section 22 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-6), Medium (7-10), High (11-14).



Action 2025-ElbaV-01. Floodprone Roadways

Lead Agency:	Public Works																
Supporting Agencies:	Code/Zoning Department																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input checked="" type="checkbox"/> Severe Storm</td></tr><tr><td><input type="checkbox"/> Drought</td><td><input checked="" type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input type="checkbox"/> Epidemic</td><td><input type="checkbox"/> Transportation Accidents</td></tr><tr><td><input type="checkbox"/> Extreme Temperature</td><td><input type="checkbox"/> Utility Interruption</td></tr><tr><td><input checked="" type="checkbox"/> Flood</td><td><input type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input checked="" type="checkbox"/> Severe Storm	<input type="checkbox"/> Drought	<input checked="" type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents	<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption	<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire
<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials																
<input type="checkbox"/> Dam Failure	<input checked="" type="checkbox"/> Severe Storm																
<input type="checkbox"/> Drought	<input checked="" type="checkbox"/> Severe Winter Storm																
<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism																
<input type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents																
<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption																
<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire																
Description of the Problem:	Mechanic Street is prone to stormwater flooding damages. Mechanic Street's elevation has been raised over time from repaving, resulting in the roadway being higher than the adjacent private properties. Stormwaters stemming from severe storms and melted snow from severe winter storms drain from Main Street onto Mechanic Street, eroding the shoulder of Mechanic Street and damaging the yards of the adjacent private properties. The impacted section of Mechanic Street is approximately 0.25 miles long. Riprap has shown to be a durable solution to prevent erosion in areas susceptible to wear and tear from flooding.																
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, 2																
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	<table><tr><td><input type="checkbox"/> Local Plans and Regulations (LPR)</td><td><input type="checkbox"/> Natural Systems Protection (NSP)</td></tr><tr><td><input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)</td><td><input type="checkbox"/> Education and Awareness Programs (EAP)</td></tr></table>			<input type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)	<input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Education and Awareness Programs (EAP)										
<input type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)																
<input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Education and Awareness Programs (EAP)																
CRS Category	<table><tr><td><input type="checkbox"/> Preventative Measures (PR)</td><td><input type="checkbox"/> Natural Resource Protection (NR)</td></tr><tr><td><input type="checkbox"/> Property Protection (PP)</td><td><input checked="" type="checkbox"/> Structural Flood Control Projects (SP)</td></tr><tr><td><input type="checkbox"/> Public Information (PI)</td><td><input type="checkbox"/> Emergency Services (ES)</td></tr></table>			<input type="checkbox"/> Preventative Measures (PR)	<input type="checkbox"/> Natural Resource Protection (NR)	<input type="checkbox"/> Property Protection (PP)	<input checked="" type="checkbox"/> Structural Flood Control Projects (SP)	<input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Emergency Services (ES)								
<input type="checkbox"/> Preventative Measures (PR)	<input type="checkbox"/> Natural Resource Protection (NR)																
<input type="checkbox"/> Property Protection (PP)	<input checked="" type="checkbox"/> Structural Flood Control Projects (SP)																
<input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Emergency Services (ES)																
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low														
Alternatives:	<table><tr><th>Action</th><th>Evaluation</th></tr><tr><td>No Action</td><td>Current problem exists</td></tr><tr><td>Relocate all flood-prone road system</td><td>Not feasible</td></tr><tr><td>Raise all flood prone roads</td><td>Cost prohibitive</td></tr></table>	Action	Evaluation	No Action	Current problem exists	Relocate all flood-prone road system	Not feasible	Raise all flood prone roads	Cost prohibitive								
Action	Evaluation																
No Action	Current problem exists																
Relocate all flood-prone road system	Not feasible																
Raise all flood prone roads	Cost prohibitive																



Action 2025-ElbaV-02. Substantial Damage Management Plan

Lead Agency:	Code/Zoning Department																
Supporting Agencies:	Village Board																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input checked="" type="checkbox"/> Severe Storm</td></tr><tr><td><input type="checkbox"/> Drought</td><td><input type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input type="checkbox"/> Epidemic</td><td><input type="checkbox"/> Transportation Accidents</td></tr><tr><td><input type="checkbox"/> Extreme Temperature</td><td><input type="checkbox"/> Utility Interruption</td></tr><tr><td><input checked="" type="checkbox"/> Flood</td><td><input type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input checked="" type="checkbox"/> Severe Storm	<input type="checkbox"/> Drought	<input type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents	<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption	<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire
<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials																
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<input type="checkbox"/> Drought	<input type="checkbox"/> Severe Winter Storm																
<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism																
<input type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents																
<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption																
<input checked="" type="checkbox"/> Flood	<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 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.</p>																
Description of the Solution:	<p>The Village 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																
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	<table><tr><td><input checked="" type="checkbox"/> Local Plans and Regulations (LPR)</td><td><input type="checkbox"/> Natural Systems Protection (NSP)</td></tr><tr><td><input type="checkbox"/> Structure and Infrastructure Project (SIP)</td><td><input type="checkbox"/> Education and Awareness Programs (EAP)</td></tr></table>			<input checked="" type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)	<input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Education and Awareness Programs (EAP)										
<input checked="" type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)																
<input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Education and Awareness Programs (EAP)																
CRS Category	<table><tr><td><input checked="" type="checkbox"/> Preventative Measures (PR)</td><td><input type="checkbox"/> Natural Resource Protection (NR)</td></tr><tr><td><input type="checkbox"/> Property Protection (PP)</td><td><input type="checkbox"/> Structural Flood Control Projects (SP)</td></tr><tr><td><input type="checkbox"/> Public Information (PI)</td><td><input type="checkbox"/> Emergency Services (ES)</td></tr></table>			<input checked="" type="checkbox"/> Preventative Measures (PR)	<input type="checkbox"/> Natural Resource Protection (NR)	<input type="checkbox"/> Property Protection (PP)	<input type="checkbox"/> Structural Flood Control Projects (SP)	<input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Emergency Services (ES)								
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<input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Emergency Services (ES)																
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low														
Alternatives:	<table><tr><th>Action</th><th>Evaluation</th></tr><tr><td>No Action</td><td>Current problem exists</td></tr><tr><td>Rely on state or federal resources following disaster events</td><td>Resources may not be available during major widespread events</td></tr></table>			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								
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

DRAFT



Action 2025-ElbaV-03. Epidemic Education and Outreach

Lead Agency:	Village Administration																
Supporting Agencies:	Village Board, Genesee County																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input type="checkbox"/> Severe Storm</td></tr><tr><td><input type="checkbox"/> Drought</td><td><input type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input checked="" type="checkbox"/> Epidemic</td><td><input type="checkbox"/> Transportation Accidents</td></tr><tr><td><input type="checkbox"/> Extreme Temperature</td><td><input type="checkbox"/> Utility Interruption</td></tr><tr><td><input type="checkbox"/> Flood</td><td><input type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input type="checkbox"/> Severe Storm	<input type="checkbox"/> Drought	<input type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input checked="" type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents	<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption	<input type="checkbox"/> Flood	<input type="checkbox"/> Wildfire
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<input type="checkbox"/> Flood	<input type="checkbox"/> Wildfire																
Description of the Problem:	The Village faces risk from epidemic but does not have a comprehensive education and outreach program 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 Genesee County, on epidemic risks and methods of mitigation measures. Methods of distribution may include Village events, the 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 the epidemic hazard.																
Estimated Cost:	Low																
Potential Funding Sources:	Village Budget																
Implementation Timeline:	1 year																
Goals Met:	3																
Benefits:	This action will improve the public education and outreach capabilities 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 epidemic hazard 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 the epidemic hazard. 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 public education and outreach capabilities 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 the epidemic hazard and how climate change may exacerbate those risks.																
Mitigation Category	<table><tr><td><input type="checkbox"/> Local Plans and Regulations (LPR)</td><td><input type="checkbox"/> Natural Systems Protection (NSP)</td></tr><tr><td><input type="checkbox"/> Structure and Infrastructure Project (SIP)</td><td><input checked="" type="checkbox"/> Education and Awareness Programs (EAP)</td></tr></table>			<input type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)	<input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Education and Awareness Programs (EAP)										
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CRS Category	<table><tr><td><input type="checkbox"/> Preventative Measures (PR)</td><td><input type="checkbox"/> Natural Resource Protection (NR)</td></tr><tr><td><input type="checkbox"/> Property Protection (PP)</td><td><input type="checkbox"/> Structural Flood Control Projects (SP)</td></tr><tr><td><input checked="" type="checkbox"/> Public Information (PI)</td><td><input type="checkbox"/> Emergency Services (ES)</td></tr></table>			<input type="checkbox"/> Preventative Measures (PR)	<input type="checkbox"/> Natural Resource Protection (NR)	<input type="checkbox"/> Property Protection (PP)	<input type="checkbox"/> Structural Flood Control Projects (SP)	<input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Emergency Services (ES)								
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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-ElbaV-04. Water Conservation Ordinance

Lead Agency:	Code/Zoning Department										
Supporting Agencies:	Village Board										
Hazard(s) of Concern:	<div><input type="checkbox"/> Civil Unrest</div> <div><input type="checkbox"/> Dam Failure</div> <div><input checked="" type="checkbox"/> Drought</div> <div><input type="checkbox"/> Earthquake</div> <div><input type="checkbox"/> Epidemic</div> <div><input checked="" type="checkbox"/> Extreme Temperature</div> <div><input type="checkbox"/> Flood</div> <div><input type="checkbox"/> Hazardous Materials</div> <div><input type="checkbox"/> Severe Storm</div> <div><input type="checkbox"/> Severe Winter Storm</div> <div><input type="checkbox"/> Terrorism</div> <div><input type="checkbox"/> Transportation Accidents</div> <div><input type="checkbox"/> Utility Interruption</div> <div><input type="checkbox"/> Wildfire</div>										
Description of the Problem:	The Village may be impacted by drought, as potable water wells could become depleted by unnecessary use. Drought puts a strain on agriculture, recreational use, and daily use of water. The Village does not have a water conservation ordinance to encourage and support water conservation efforts. Extreme temperatures may enhance the impacts of drought by causing the rapid evaporation of moisture from potable wells and floral and fauna.										
Description of the Solution:	The Village will develop a water conservation ordinance to outline water conservation efforts which should be taken during periods of low rainfall, extreme heat, and drought. The Village will look to NYS DEC for assistance in the development of the ordinance.										
Estimated Cost:	Low										
Potential Funding Sources:	Village Budget										
Implementation Timeline:	Within 3 years										
Goals Met:	1, 2										
Benefits:	This action will support the safe, continued use of potable water to ensure there is adequate drinking water available to support residents. Furthermore, the ordinance will assist in ensuring agriculture practices have water available to support the grower's livelihood.										
Impact on Socially Vulnerable Populations:	Populations will have access to potable water sources during periods of drought and extreme heat.										
Impact on Future Development:	Not applicable										
Impact on Critical Facilities/Lifelines:	A water conservation ordinance will mitigate potential impacts to the water sources for the Village. This action will inform residents of the importance of the ordinance and how over-utilizing water sources may impact the quality of life in the Village.										
Impact on Capabilities:	This action will ensure potable water is available within the jurisdiction during time of drought by developing a water conservation ordinance.										
Climate Change Considerations:	Higher temperatures are expected to increase the amount of moisture that evaporates from land and water. These changes have the potential to lead to more frequent and severe droughts, which, in turn, increases the likelihood of wildfires.										
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:	<table><thead><tr><th>Action</th><th>Evaluation</th></tr></thead><tbody><tr><td>No Action</td><td>Current problem exists</td></tr><tr><td>Only enforce ordinance and do not encourage water conservation practices year-round</td><td>Outside of drought periods, water issues may arise</td></tr><tr><td>Do not publicize ordinance once developed</td><td>Residents will be uninformed and partaking in practices outside of the Village's ordinances</td></tr></tbody></table>			Action	Evaluation	No Action	Current problem exists	Only enforce ordinance and do not encourage water conservation practices year-round	Outside of drought periods, water issues may arise	Do not publicize ordinance once developed	Residents will be uninformed and partaking in practices outside of the Village's ordinances
Action	Evaluation										
No Action	Current problem exists										
Only enforce ordinance and do not encourage water conservation practices year-round	Outside of drought periods, water issues may arise										
Do not publicize ordinance once developed	Residents will be uninformed and partaking in practices outside of the Village's ordinances										



Action 2025-ElbaV-05. Transportation Plan

Lead Agency:	Village Administration, Genesee County Highway, NYSDOT																
Supporting Agencies:	Planning Board, Zoning Board																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input checked="" type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input type="checkbox"/> Severe Storm</td></tr><tr><td><input type="checkbox"/> Drought</td><td><input type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input type="checkbox"/> Epidemic</td><td><input checked="" type="checkbox"/> Transportation Accidents</td></tr><tr><td><input type="checkbox"/> Extreme Temperature</td><td><input type="checkbox"/> Utility Interruption</td></tr><tr><td><input checked="" type="checkbox"/> Flood</td><td><input type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input checked="" type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input type="checkbox"/> Severe Storm	<input type="checkbox"/> Drought	<input type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input type="checkbox"/> Epidemic	<input checked="" type="checkbox"/> Transportation Accidents	<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption	<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire
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<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire																
Description of the Problem:	The Village has two major roads which traverse through the jurisdiction, NYS Routes 98 and 262. Transportation accidents are apt to occur on this roadway more than local roads. Further, hazardous materials may be transported on the major roadway.																
Description of the Solution:	The Village will develop a Transportation Plan, with support from the Genesee County Office of Emergency Management. The Transportation Plan will integrate hazard mitigation and transportation accident principles into its contents, including addressing capabilities related to reduce the risk to the identified hazards of concern identified with this Hazard Mitigation Plan.																
Estimated Cost:	Low																
Potential Funding Sources:	Village Budget																
Implementation Timeline:	Within 3 years																
Goals Met:	1, 3, 4																
Benefits:	The Transportation Plan will detail what the Village will do during a disaster (incident command implementation, command center location and activities, specific plans by department, etc.). The creation of the Transportation Plan will permit the Village to integrate new plans, policies, capabilities, and hazard assessments.																
Impact on Socially Vulnerable Populations:	The Transportation Plan will highlight evacuation routes and how to best protect the transportation system in the Village.																
Impact on Future Development:	Future development will be better protected by having a reliable transportation system.																
Impact on Critical Facilities/Lifelines:	The section overview portion of the Transportation Plan covers a discussion of a variety of topics, including vulnerable transportation lifelines (e.g. flood prone roads).																
Impact on Capabilities:	This action will create a 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 which may impact transportation lifelines.																
Mitigation Category	<table><tr><td><input checked="" type="checkbox"/> Local Plans and Regulations (LPR)</td><td><input type="checkbox"/> Natural Systems Protection (NSP)</td></tr><tr><td><input type="checkbox"/> Structure and Infrastructure Project (SIP)</td><td><input type="checkbox"/> Education and Awareness Programs (EAP)</td></tr></table>			<input checked="" type="checkbox"/> Local Plans and Regulations (LPR)	<input type="checkbox"/> Natural Systems Protection (NSP)	<input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Education and Awareness Programs (EAP)										
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Priority	<table><tr><td><input checked="" type="checkbox"/> High</td><td><input type="checkbox"/> Medium</td><td><input type="checkbox"/> Low</td></tr></table>			<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low											
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Alternatives:	<table><tr><th>Action</th><th>Evaluation</th></tr><tr><td>No Action</td><td>Current problem exists</td></tr><tr><td>Integrate hazard mitigation principles in only hazard appendices</td><td>The plan will miss integration opportunities in the basic plan and annexes</td></tr><tr><td>Ask County to integrate hazard mitigation into a County Transportation Plan</td><td>Village Transportation Plan will remain undeveloped</td></tr></table>			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 a County Transportation Plan	Village Transportation Plan will remain undeveloped						
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 a County Transportation Plan	Village Transportation Plan will remain undeveloped																



Action 2025-ElbaV-06. Flood Damage Prevention Ordinance Update

Lead Agency:	Code/Zoning Department		
Supporting Agencies:	Planning Board		
Hazard(s) of Concern:	<div><input type="checkbox"/> Civil Unrest</div> <div><input type="checkbox"/> Dam Failure</div> <div><input type="checkbox"/> Drought</div> <div><input type="checkbox"/> Earthquake</div> <div><input type="checkbox"/> Epidemic</div> <div><input type="checkbox"/> Extreme Temperature</div> <div><input checked="" type="checkbox"/> Flood</div> <div><input type="checkbox"/> Hazardous Materials</div> <div><input type="checkbox"/> Severe Storm</div> <div><input type="checkbox"/> Severe Winter Storm</div> <div><input type="checkbox"/> Terrorism</div> <div><input type="checkbox"/> Transportation Accidents</div> <div><input type="checkbox"/> Utility Interruption</div> <div><input type="checkbox"/> Wildfire</div>		
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 Genesee 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		
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-ElbaV-07. Wildfire Education and Outreach

Lead Agency:	Village Administration										
Supporting Agencies:	Village Board, Genesee County										
Hazard(s) of Concern:	<div><input type="checkbox"/> Civil Unrest</div> <div><input type="checkbox"/> Dam Failure</div> <div><input type="checkbox"/> Drought</div> <div><input type="checkbox"/> Earthquake</div> <div><input type="checkbox"/> Epidemic</div> <div><input type="checkbox"/> Extreme Temperature</div> <div><input type="checkbox"/> Flood</div> <div><input type="checkbox"/> Hazardous Materials</div> <div><input type="checkbox"/> Severe Storm</div> <div><input type="checkbox"/> Severe Winter Storm</div> <div><input type="checkbox"/> Terrorism</div> <div><input type="checkbox"/> Transportation Accidents</div> <div><input type="checkbox"/> Utility Interruption</div> <div><input checked="" type="checkbox"/> Wildfire</div>										
Description of the Problem:	The Village faces risk from wildfires but does not have a comprehensive education and outreach program 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 the County, on wildfire risks and methods of mitigation measures. 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 the wildfire hazard.										
Estimated Cost:	Low										
Potential Funding Sources:	Village Budget										
Implementation Timeline:	1 year										
Goals Met:	3										
Benefits:	This action will improve the public education and outreach capabilities 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 wildfire hazard 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 the wildfire hazard. 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 public education and outreach capabilities 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 the wildfire hazard and how climate change may exacerbate those risks.										
Mitigation Category	<div><input type="checkbox"/> Local Plans and Regulations (LPR)</div> <div><input type="checkbox"/> Structure and Infrastructure Project (SIP)</div> <div><input type="checkbox"/> Natural Systems Protection (NSP)</div> <div><input checked="" type="checkbox"/> Education and Awareness Programs (EAP)</div>										
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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-ElbaV-08. Access and Functional Needs Registry

Lead Agency:	Village Administration																
Supporting Agencies:	Planning Board																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input checked="" type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input checked="" type="checkbox"/> Severe Storm</td></tr><tr><td><input checked="" type="checkbox"/> Drought</td><td><input checked="" type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input checked="" type="checkbox"/> Epidemic</td><td><input checked="" type="checkbox"/> Transportation Accidents</td></tr><tr><td><input checked="" type="checkbox"/> Extreme Temperature</td><td><input checked="" type="checkbox"/> Utility Interruption</td></tr><tr><td><input checked="" type="checkbox"/> Flood</td><td><input checked="" type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input checked="" type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input checked="" type="checkbox"/> Severe Storm	<input checked="" type="checkbox"/> Drought	<input checked="" type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input checked="" type="checkbox"/> Epidemic	<input checked="" type="checkbox"/> Transportation Accidents	<input checked="" type="checkbox"/> Extreme Temperature	<input checked="" type="checkbox"/> Utility Interruption	<input checked="" type="checkbox"/> Flood	<input checked="" type="checkbox"/> Wildfire
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<input checked="" type="checkbox"/> Extreme Temperature	<input checked="" type="checkbox"/> Utility Interruption																
<input checked="" type="checkbox"/> Flood	<input checked="" type="checkbox"/> Wildfire																
Description of the Problem:	The Village has an aging population. Due to being within the New York snowbelt, residents are often isolated and without power for long amounts of time during snow storms and other hazard events. Elderly and special needs residents are vulnerable during these events and may need assistance or safety check-ins. In the event of evacuation, elderly residents and those with special needs may acquire additional assistance to evacuate.																
Description of the Solution:	In partnership with the County and surrounding jurisdictions, create an access and functional needs registry. The registry will allow residents who are at risk due to a disability, health issue, or anyone who may need additional assistance during a disaster or emergency enter information which could assist first responders in response, if needed. The Village will conduct public outreach and education to encourage residents to register. This system will identify where the vulnerable populations are located and how the Village will need to assist them in an emergency.																
Estimated Cost:	Low																
Potential Funding Sources:	Village Budget																
Implementation Timeline:	Within 3 years																
Goals Met:	1, 3																
Benefits:	The Village will have the location of registered members of the socially vulnerable population as well as any emergency or medical information the registrant was willing to share.																
Impact on Socially Vulnerable Populations:	Socially vulnerable populations are able to register to the functional-needs registry to have important emergency and medical information stored in a secure system for first responders.																
Impact on Future Development:	Future development, in particular residential, may house socially vulnerable populations.																
Impact on Critical Facilities/Lifelines:	This action allows first responders to understand the emergency and medical needs of registered individuals should assistance be needed.																
Impact on Capabilities:	This action will create a new capability for the Village, expanding its capabilities in the safety and security lifeline.																
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. Socially vulnerable populations are often the most vulnerable to impacts from disasters.																
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Action 2025-ElbaV-09. Erosion and Sediment Control Ordinance

Lead Agency:	Village Administration																
Supporting Agencies:	Planning Board, Zoning Board, NYS DEC																
Hazard(s) of Concern:	<table><tr><td><input type="checkbox"/> Civil Unrest</td><td><input type="checkbox"/> Hazardous Materials</td></tr><tr><td><input type="checkbox"/> Dam Failure</td><td><input checked="" type="checkbox"/> Severe Storm</td></tr><tr><td><input checked="" type="checkbox"/> Drought</td><td><input checked="" type="checkbox"/> Severe Winter Storm</td></tr><tr><td><input type="checkbox"/> Earthquake</td><td><input type="checkbox"/> Terrorism</td></tr><tr><td><input type="checkbox"/> Epidemic</td><td><input type="checkbox"/> Transportation Accidents</td></tr><tr><td><input type="checkbox"/> Extreme Temperature</td><td><input type="checkbox"/> Utility Interruption</td></tr><tr><td><input checked="" type="checkbox"/> Flood</td><td><input type="checkbox"/> Wildfire</td></tr></table>			<input type="checkbox"/> Civil Unrest	<input type="checkbox"/> Hazardous Materials	<input type="checkbox"/> Dam Failure	<input checked="" type="checkbox"/> Severe Storm	<input checked="" type="checkbox"/> Drought	<input checked="" type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Terrorism	<input type="checkbox"/> Epidemic	<input type="checkbox"/> Transportation Accidents	<input type="checkbox"/> Extreme Temperature	<input type="checkbox"/> Utility Interruption	<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Wildfire
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Description of the Problem:	Erosion and sediment control is critical in managing flooding and water supply contamination. The Village does not have an erosion and sediment control ordinance, which would assist to protect the environment and public health by preventing soil erosion and sedimentation. This ordinance would promote public welfare by guiding and regulating the design, construction, use, and maintenance of activities that disturb or break the topsoil or result in the movement of earth on land.																
Description of the Solution:	The Village will develop an erosion and sediment control ordinance to outline erosion control issues which should be implemented in strong storm events that may contribute to erosion. The Village will look to NYS DEC for assistance in the development of the ordinance.																
Estimated Cost:	Low																
Potential Funding Sources:	Village Budget																
Implementation Timeline:	Within 3 years																
Goals Met:	1, 2																
Benefits:	This ordinance helps with the erosion and sediment control in the Village.																
Impact on Socially Vulnerable Populations:	Populations will be less vulnerable to erosion and sedimentation issues after strong storm events.																
Impact on Future Development:	Not applicable																
Impact on Critical Facilities/Lifelines:	An erosion and sediment control ordinance will mitigate potential impacts to the water sources for the Village. This action will inform residents of the importance of the ordinance and how sedimentation and erosion may impact the quality of Village water sources.																
Impact on Capabilities:	This action will ensure that erosion is taken into consideration with development permits, stream clearing and debris management.																
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events.																
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