



15. TOWN OF ELBA

This jurisdictional annex to the Genesee County Hazard Mitigation Plan (HMP) provides information to assist public and private sectors in the Town 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.

15.1 HAZARD MITIGATION PLANNING TEAM

The Town of Elba identified primary and alternate HMP points of contact and developed this plan over the course of several months, with input from many Town departments. The Town Supervisor 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 15-1 summarizes Town officials who participated in the development of the annex and in what capacity. Additional documentation of the Town’s planning activities through Planning Partnership meetings is included in Volume I.

Table 15-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Donna Hynes, Town Supervisor Address: 7133 Oak Orchard Road, Elba, New York 14058 Phone Number: (585) 757-2762 Ext 12 Email: Supervisor@elbanewyork.com	Name/Title: Trisha Werth, Town Clerk Address: 7133 Oak Orchard Road, Elba, New York 14058 Phone Number: (585) 757-2762 Ext. 10 Email: townclerk@elbanewyork.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: ceozeo@elbanewyork.com	

15.2 COMMUNITY PROFILE

The Town of Elba is located in the northern portion of Genesee County. The Town 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 of Elba is located in the center of the Town. The Town has a total land area of 35.7 square mile, all of which is land. A part of the Alabama Swamp is in the northwest corner of the Town. The Town includes the hamlets of East Elba and Five Corners.

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 9.7 percent of the population



is 5 years of age or younger, 14 percent is 65 years of age or older, 5.1 percent is non-English speaking, 7.7 percent is below the poverty threshold, and 10.9 percent is considered disabled.

15.3 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 Town procedures.

15.3.1 Planning and Regulatory Capability and Integration

Table 15-2 summarizes the planning and regulatory tools that are available to Elba.

Table 15-2. 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 2, 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 Town. 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	Town of Elba Zoning Ordinance, 1988, 2001	Local	Code/Zoning Enforcement Officer
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
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This Zoning Law is adopted for the protection and promotion of the public health, safety, morals and general welfare of the community, as follows:

- A. To guide the future growth and development of the Town in accordance with a comprehensive land use and population density that represents the most beneficial and convenient relationships among the residential, non-residential and public areas within the Town, considering the suitability of each area for such uses, as indicated by existing conditions; trends in population and mode of living, and having regard for the use of land, building development and economic activity, considering such conditions and trends both within the Town and with respect to the relation of the Town to areas outside thereof.
- B. To provide adequate light, air and privacy; to promote safety from fire, flood and other danger, and to prevent over-crowding of the land and undue congestion of the population.
- C. To protect and conserve the value of the land throughout the Town and the value of buildings appropriate to the various districts established by this Zoning Law.
- D. To protect the character and the social and economic stability of all parts of the Town, and to encourage the orderly and beneficial development of all parts of the Town.
- E. To bring about the gradual conformity of the uses of land and buildings through the comprehensive zoning plan set forth in this Zoning Law, and to minimize the conflicts among the uses of land and buildings.
- F. To promote the most beneficial relation between the uses of land and buildings and the circulation of traffic throughout the Town, having particular regard to the avoidance of congestion in the streets and the provision of safe and convenient vehicular and pedestrian traffic movement appropriate to the various uses of land and buildings throughout the Town.
- G. To provide a guide for public policy and action in the efficient provision of public facilities and services, and for private enterprise in building development, investment and other economic activity relating to uses of land and buildings throughout the Town.
- H. To limit concentrated development to an amount equal to the availability and capacity of public facilities and services.
- I. To prevent the pollution of streams and ponds; to safeguard the water table, and to encourage the wise use and sound management of the natural resources throughout the Town in order to preserve the integrity, stability and beauty of the community and the value of the land.

Subdivision Code	Yes	Local Law 2, 2002 – Land Subdivision Regulations	Local	Planning Board
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How has or will this be integrated with the HMP and how does this reduce risk?

By the authority of the resolution of the Town Board of the Town of Elba and pursuant to the provisions of Article 16 of the Town Law of the State of New York, the Planning Board of the Town of Elba is authorized and empowered to approve plats showing lots, with or without streets or highways, to approve the development of entirely or partially undeveloped plats already filed in the Office of the Genesee County Clerk and to conditionally approve preliminary plats, within that part of the Town of Elba outside the limits of any incorporated village. It is declared to be the policy of the Planning 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 of such width, grade, and location as to accommodate the prospective traffic, to facilitate fire protection, and to provide access of firefighting equipment to buildings; and that proper provision shall be made for open spaces, parks and playgrounds

Site Plan Code	Yes	Town of Elba Zoning Ordinance, 1988, 2001 – Section 808	Local and County	Planning Board
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How has or will this be integrated with the HMP and how does this reduce risk?

The Planning Board, at a regular or special meeting, shall review and approve, approve with modifications, 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 buildings.



	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
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
How has or will this be integrated with the HMP and how does this reduce risk? In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.				
Growth Management	No	-	-	-
How has or will this be integrated with the HMP and how does this reduce risk?				
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	Flood Damage Prevention Local Law, 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?				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Responsible Person, Department or Agency
Other: Water Code	Yes	Water Code, 2018	Local	Town Board
<p>How has or will this be integrated with the HMP and how does this reduce risk? The Town of Elba hereby establishes the Water Code of the Town of Elba. This code is established for the purpose of regulating water usage in the Town, providing for payment for water usage, providing for and ensuring proper and safe water usage, and establishing rights and obligations of water users in the Town and to any out of district users.</p>				
PLANNING DOCUMENTS				
General/Comprehensive Plan	Yes	Comprehensive Plan, 2007	Local	Planning Board
<p>How has or will this be integrated with the HMP and how does this reduce risk? This comprehensive plan is intended to serve Town 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 Town. 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 Town 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 Town resources and produces a high level of resident satisfaction. The Town is current soliciting proposal, with the assistance of New York Green, for a Joint Smart Growth Comprehensive Plan with the Village of Elba.</p>				
Capital Improvement Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Disaster Debris Management Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Floodplain Management or Watershed Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Stormwater Management Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Open Space Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Urban Water Management Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Habitat Conservation Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Economic Development Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				
Community Wildfire Protection Plan	No	-	-	-
<p>How has or will this be integrated with the HMP and how does this reduce risk?</p>				



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



	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
Public Health Plan	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?				

15.3.2 Development and Permitting Capability

Table 15-3 summarizes the capabilities of Elba to oversee and track development.

Table 15-3. Development and Permitting Capability

	Yes/No	Comment
Do you issue development permits? <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? 	Yes	Code Enforcement and Zoning Department
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	Floodplain
Do you have a buildable land inventory? <ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	No	-
Describe the level of buildout in your jurisdiction.	N/A	Much of the land in the Town is zoned as Agriculture-Residential. Land within this area may be available for future development.

15.3.3 Administrative and Technical Capability

Table 15-4 summarizes potential staff and personnel resources available to Elba and their current responsibilities that contribute to hazard mitigation.

Table 15-4. 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.



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
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 Highway Department is responsible for maintenance of town 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 Enforcement and Zoning Department is responsible for the enforcement of the Town local laws and codes, issuing of permits, and conducting inspections.
Emergency Management/Public Safety Department	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	The Highway Department is responsible for maintenance of town 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.
Mutual aid agreements	Yes	Elba Joint 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: Elba Betterment Committee	Yes	The Elba Betterment Committee was formed in the Fall of 2013.
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	-



Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
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	-

15.3.4 Fiscal Capability

Table 15-5 summarizes financial resources available to Elba.

Table 15-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	No
Capital improvement project funding	No
Authority to levy taxes for specific purposes	No
User fees for water, sewer, gas, or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	No
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	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	No

15.3.5 Education and Outreach Capability

Table 15-6 summarizes the education and outreach resources available to Elba.

Table 15-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment
Public information officer or communications office	Yes	Town Supervisor
Personnel skilled or trained in website development	Yes	Town Supervisor



Outreach Resources	Available? (Yes/No)	Comment
Hazard mitigation information available on your website	No	-
Social media for hazard mitigation education and outreach	No	-
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	No	-
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	No	-

15.3.6 Community Classifications

Table 15-7 summarizes classifications for community programs available to Elba.

Table 15-7. 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	-	-
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

15.3.7 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 15-8 summarizes the adaptive capacity for each identified hazard of concern and the Town’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 15-8. 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

15.4 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 15-1 is responsible for maintaining this information.

15.4.1 NFIP Statistics

Table 15-9 summarizes the NFIP policy and claim statistics for Elba.

Table 15-9. Elba NFIP Summary of Policy and Claim Statistics

# of Losses	0
# Claims Paid	0
Total Net Payment	\$0
# 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 2025



Note: FEMA was only able to provide aggregate Repetitive Loss Claim Data to support this Hazard Mitigation Plan update.

15.4.2 Flood Vulnerability Summary

Table 15-10 provides a summary of the NFIP program in Elba.

Table 15-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction.	Within the 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
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?	Staffing, funding, and time.



NFIP Topic	Comments
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?	Flood Damage Prevention Local Law
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?	The program meets the minimum requirements.
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	The planning board and zoning board consider efforts to reduce flood risk. Planning board conducts site plan review.
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No

15.5 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 15-11 through Table 15-13.

Table 15-11. 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	-	-	-	-
Permits within SFHA	-	-	-	-
2017				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2018				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2019				
Total Permits	-	-	-	-
Permits within SFHA	-	-	-	-
2020				
Total Permits	-	-	-	-



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

SFHA = Special Flood Hazard Area (1% flood event)
 Note: Permitting information was not available during this plan update.

Table 15-12. 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
None Identified					

* Only location-specific hazard zones or vulnerabilities identified.

Table 15-13. 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
None Anticipated					

15.6 JURISDICTIONAL RISK ASSESSMENT

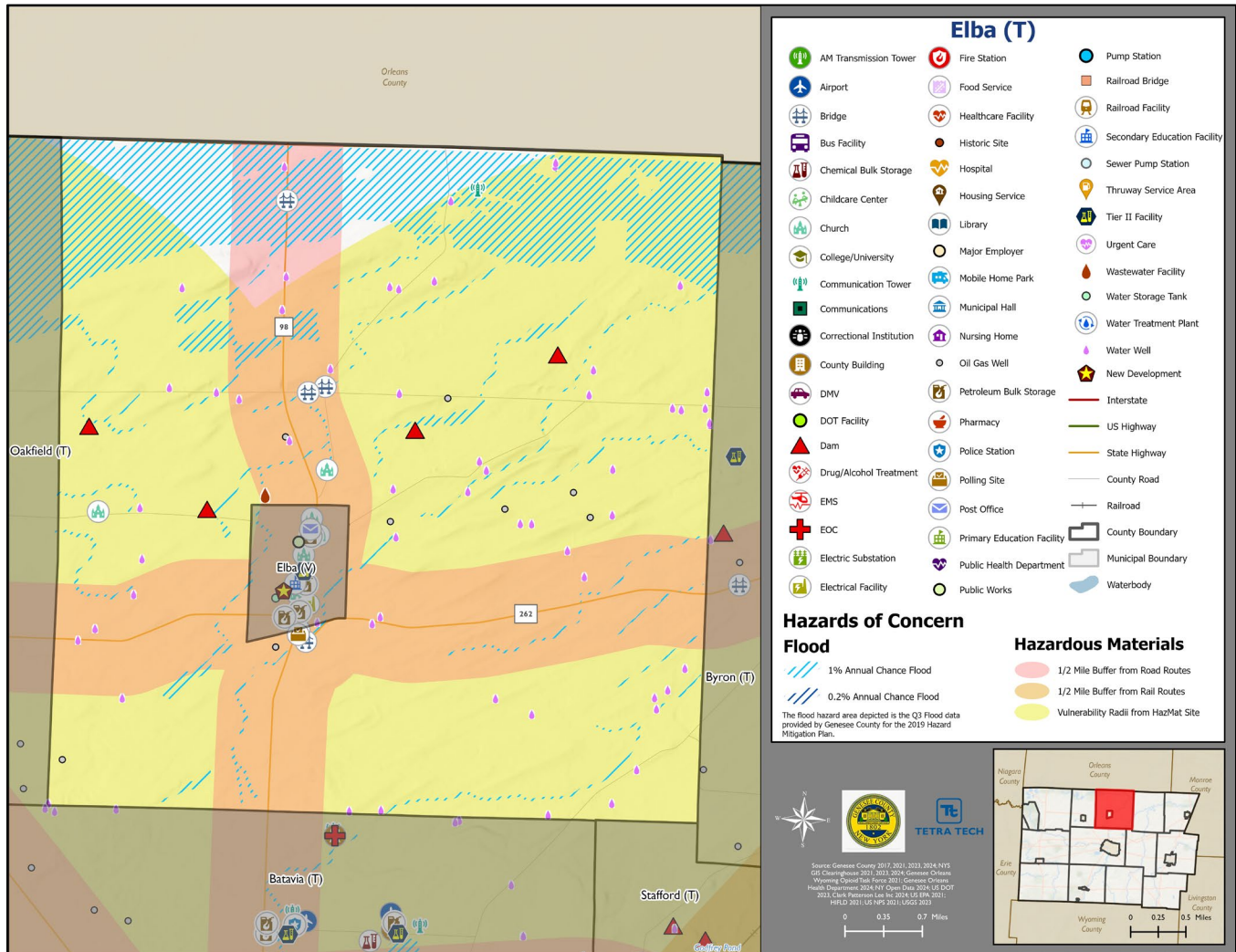
The hazard profiles in Volume I provide detailed information regarding each planning partner’s vulnerability to the identified hazards, including summaries of Elba’s risk assessment results and data used to determine the hazard ranking. Key local risk assessment information is presented below.



15.6.1 Hazard Area

Hazard area maps provided below illustrate the probable hazard areas impacted within the Town are shown in Figure 15-1 through Figure 15-2. 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 15-1. Elba Hazard Area Extent and Location Map 1





15.6.2 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 15-14 provides details on loss and damage in Elba during hazard events since the last hazard mitigation plan update.

Table 15-14. Hazard Event History in Elba

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses
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.	Road clearing.
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 Alexander. Winds damaged several buildings.	Power outages and trees downed.
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.	No damages or losses incurred.
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.	Adhered to distancing and masking mandates.
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.	Road clearing.
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.	Road clearing.



Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses
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.	No damages or losses incurred.
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.	No damages or losses incurred.

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

15.6.3 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 Town indicated the following:

- The Town 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 Town 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 Town 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 Town decreased its Transportation Accidents hazard ranking from ‘High’ to ‘Medium’ as only two major roads traverse through the jurisdiction.
- The Town decreased its Wildfire hazard ranking from ‘Medium’ to ‘No Risk’ as there are minimal intermix or interface areas within the jurisdiction.



Table 15-15 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 15-15. Hazard Ranking

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

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 15-16 identifies critical facilities in the community located in the 1 percent and 0.2 percent annual chance floodplains.

Table 15-16. 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		
A1213247	Communication Tower	X	X	2025-ElbaT-01	-
Elba – V STP	Wastewater Facility	X	X	2025-ElbaT-01	-
New Covenant Chapel Assembly of God	Church	X	X	2025-ElbaT-01	-
Oak Orchard Creek	Bridge	X	X	2025-ElbaT-02	-
Well	Water Well	X	X	2025-ElbaT-01	-
Well	Water Well	X	X	2025-ElbaT-01	-
Well	Water Well	X	X	2025-ElbaT-01	-

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



15.6.4 Identified Issues

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

- Critical facilities need to be protected to the 500-year flood level. There are three facilities located in the Village identified to be in the flood hazard area:
 - Alexander Highway Garage
 - Town of Alexander Petroleum Bulk Storage
- Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The Oak Orchard Creek Bridge should be evaluated to determine useability and to identify potential solutions, as necessary.
- The Town has four low-hazard dams within its jurisdiction. Despite their low hazard, these structures have the potential to impact the people, property, infrastructure, and environment nearby.
- The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.
- Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.
- Critical facilities require backup power to ensure continuity of operations. The Town Hall (7 Maple Avenue), which houses the municipal supervisor, budget officer, CFO, human resources department, town clerk, and the assessor, does not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.
- Critical facilities require backup power to ensure continuity of operations. The Highway Department (located in the rear of 7 Maple Avenue) consists of the Highway Department office and storage shed; and a bank of fuel pumps. The Highway Department office is housed in a shed behind the Town Hall and includes space for repair and maintenance work. The facilities do not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.
- The Town 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 Town is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.
- The Town 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 Town does not currently have hazard mitigation information and outreach on the Town website.



- The Town 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 Town 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 Town has two major road which traverse through the jurisdiction, NYS Routes 262 and 98. Transportation accidents are apt to occur on this roadway more than local roads. Further, hazardous materials may be transported on the major roadways.

15.7 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.

15.7.1 Past Mitigation Action Status

Table 15-17 indicates progress on the Town'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.

15.7.2 Additional Mitigation Efforts

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



Table 15-17. Status of Previous Mitigation Actions

Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
T. Elba-1	Train Floodplain Administrator.	Flood	Code Enforcement, Flood Damage Prevention Officer	The floodplain administrator for the town is currently not a certified floodplain manager and lacks training to be able to fully provide floodplain administration for the town.	1. No Progress 2. Town prioritized other projects	1. Include 2. Not applicable 3. Not applicable
T. Elba-2	Update the Flood Damage Prevention Ordinance.	Flood	Code Enforcement, Flood Damage Prevention Officer	The current flood damage prevention ordinance for the Town of Elba is out-of-date and have not been updated since the FIRM was issued in 1987. The ordinance does not include the state minimum for freeboard.	1. No Progress 2. Town prioritized other projects	1. Include 2. Not applicable 3. Not applicable
T. Elba-3	Encourage owner of the 1834898.-1-21 Water Well to protect to the 500-year flood level.	Flood	Floodplain administrator, facilities manager	The facility is in the 100-year floodplain. The town does not have jurisdiction over the facility and cannot mitigate themselves	1. No Progress 2. Town prioritized other projects	1. Include 2. Not applicable 3. Not applicable
T. Elba-4	Install Backup Generator for the Elba Town Hall buildings.	All Hazards	Town of Elba Highway Department	The land at 7 Maple Avenue holds the Elba Town Hall. Town Hall includes offices for the municipal supervisor, budget officer, CFO, human resources department, town clerk, and the assessor. The Town Hall requires an alternate power source to maintain municipal continuity of operations in the event of a disaster. Town Hall needs to be connected to a continuous power source for the municipality to remain viable	1. No Progress 2. Financial constraints	1. Include 2. Not applicable 3. Not applicable



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
				during a disaster. While the municipal Emergency Operations Center would be set up in the Community Recreation Facility in the event of a disaster, staff providing essential services must continue to operate out of their offices if at all possible.		
T. Elba-5	Install Backup Generator at Highway Department Office and Garage.	All Hazards	Highway Department	The land at 7 Maple Avenue holds the Elba Town Hall, which is attached to bays housing Town Highway Department vehicles; the Highway Department office and storage shed; and a bank of fuel pumps. The Highway Department office is housed in a shed behind Town Hall and includes space for repair and maintenance work. All structures require an alternate power source to maintain municipal continuity of operations in the event of a disaster. The Highway Department is responsible for maintaining 37 miles of town roads and sixteen miles of county roads that include: Lockport Road (Highway 12); Maltby Road (Highway 16); North Byron Road (Highway 7/12); Oak Orchard Road (Highway 24/98); and Transit Road (Highway 42). Local roads	1. No Progress 2. Financial constraints	1. Include 2. Not applicable 3. Not applicable



Project Number	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Action Review 1. Status (In Progress, Ongoing Capability, No Progress, Complete) 2. Provide a narrative to describe progress or obstacles that have prevented implementation	Next Steps 1. Project to be included in the 2025 HMP or Discontinue 2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
				are the town's lifeblood because they allow businesses and homeowners to access the major highways that are used extensively by commuters and provide thoroughfare to other parts of the county. The Highway Department Office and Garage facility is not equipped with back-up power, which makes it difficult for personnel to maintain continuity of operations. Highway personnel and equipment are considered essential assets that must remain viable. A generator is required to operate pumps to provide fuel to equipment used for clearing and maintaining roadways, especially during a disaster		
T. Elba-6	Implement town-wide Emergency Messaging System.	All Hazards	Town Supervisor supported by the Town Board and emergency management personnel	The Town of Elba does not have a much-needed system to use for mass notification in the event of an emergency. There are 2,370 individuals living in 676 households that would benefit from such a system. Figures are based on the 2010 Census. This primarily rural population is spread out over a wide area, making impractical an approach such as door-to-door notification.	1. No Progress 2. Financial constraints	1. Discontinue 2. Not applicable 3. Financial constraints, not feasible



15.7.3 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 Town priorities.

Table 15-18 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 15-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.



Table 15-18. 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	X				X					
Drought	X				X					
Earthquake										
Epidemic				X			X			
Extreme Temperature	X				X					
Flood	X	X		X	X	X	X	X	X	X
Hazardous Materials	X									X
Severe Storm	X	X			X	X				X
Severe Winter Storm	X	X			X	X				X
Terrorism										
Transportation Accidents	X									X
Utility Interruption		X								X
Wildfire										

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 15-19. 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-ElbaT-01	Critical Facility Protection	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2025-ElbaT-02	Bridge Evaluations	1	1	1	1	0	0	1	1	1	1	1	1	1	0	11	High
2025-ElbaT-03	Dam Owner Partnership	1	1	1	1	1	1	0	1	1	0	1	1	1	0	11	High
2025-ElbaT-04	Flood Damage Prevention Ordinance Update	1	1	1	1	1	1	1	1	1	1	1	1	0	0	12	High
2025-ElbaT-05	Floodplain Management Training	1	1	1	1	1	0	1	1	1	1	1	1	1	1	13	High
2025-ElbaT-06	Generators at Town Hall	1	1	1	1	1	1	0	1	1	1	1	1	1	0	12	High
2025-ElbaT-07	Generators at Highway Department	1	1	1	1	1	1	0	1	1	1	1	1	1	0	12	High
2025-ElbaT-08	Substantial Damage Management Plan	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2025-ElbaT-09	Epidemic Education and Outreach	1	1	1	1	1	1	0	1	1	0	1	1	0	1	11	High
2025-ElbaT-10	Water Conservation Ordinance	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High
2025-ElbaT-11	Transportation Plan	1	1	1	1	1	0	1	1	1	1	1	1	1	1	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-ElbaT-01. Critical Facility Protection

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



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

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



Action 2025-ElbaT-02. Bridge Evaluations

Lead Agency:	Highway Department		
Supporting Agencies:	Genesee County Engineering, Genesee County Public Works, NYS DOT		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The Oak Orchard Creek Bridge should be evaluated to determine useability and to identify potential solutions, as necessary.		
Description of the Solution:	The Highway Department will work with Genesee County Engineering and Public Works to evaluate each bridge to determine its current usability. The evaluation will indicate whether the County will need to replace or retrofit the identified bridges and causeways. This evaluation should be performed in partnership and/or with feedback from NYS DOT as necessary.		
Estimated Cost:	Medium		
Potential Funding Sources:	FEMA HMA, County Budget, BRIDGENY		
Implementation Timeline:	Within 5 years		
Goals Met:	2		
Benefits:	This action will ensure the bridges in the jurisdiction are structurally sound to continue in operation.		
Impact on Socially Vulnerable Populations:	Not applicable		
Impact on Future Development:	This action strengthens the transportation lifeline, which may encourage new development in the area.		
Impact on Critical Facilities/Lifelines:	This action will ensure transportation routes remain open and accessible to the public for daily use and evacuation needs; the bridges provide a point of access for first responders into communities that may have faced damage from a hazard event on either side of the bridges.		
Impact on Capabilities:	This action ensures useability and reliability of bridges which are an essential transportation lifeline.		
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will work to ensure the structure of the bridges are impervious to erosion at their base due to rising water levels.		
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
	Remove bridges		May cause significant traffic problems
	Replace bridges		Cost prohibitive



Action 2025-ElbaT-03. Dam Owner Partnership

Lead Agency:	Town Board	
Supporting Agencies:	NYS DEC, Dam Owners	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The Town has four low-hazard dams within its jurisdiction. Despite their low hazard, these structures have the potential to impact the people, property, infrastructure, and environment nearby.	
Description of the Solution:	The Town will work with the owners of the dams to ensure inspections and safety procedures are up to date. If cost-effective mitigation measures or retrofit options are identified that can increase the level of safety and length of useful life, the Dam Owner will pursue funding support, permit approval from NYS DEC, and implement the cost-effective measures.	
Estimated Cost:	Low	
Potential Funding Sources:	Town Budget	
Implementation Timeline:	Within 5 years	
Goals Met:	2, 5	
Benefits:	This action will improve the safety and security of those who live near the dams and increase the resilience of responding agencies.	
Impact on Socially Vulnerable Populations:	The action will result in better preparedness for those living near areas where the dams are located.	
Impact on Future Development:	Future development near the dams will be more secure as safety procedures and inspections are regularly performed on the dams.	
Impact on Critical Facilities/Lifelines:	Dams are considered a critical facility. This action will create an understanding of the safety procedures in place for each identified dam and strengthen the structural integrity of dam, as needed.	
Impact on Capabilities:	This action will improve planning and response capabilities through the understanding of responsibilities and procedures.	
Climate Change Considerations:	Climate change may result in an increase in the frequency and severity of weather-related disaster events, which may contribute to the likelihood of a dam failure event. This action will increase the capabilities to respond to these events.	
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input 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
Alternatives:	Action	
	No Action	
	Utilize information from NYS DEC	
	Utilize information from the National Inventory of Dams	
		Evaluation
		Town will be unaware of any safety concerns for the dam or its condition
		Owners may not be required to submit a safety plan to the State
		Not all dams are listed on the inventory



Action 2025-ElbaT-04. Flood Damage Prevention Ordinance Update

Lead Agency:	Code Enforcement and Zoning Department		
Supporting Agencies:	Planning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.		
Description of the Solution:	The Town 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 Town will update and adopt the Flood Damage Prevention Ordinance.		
Estimated Cost:	Low		
Potential Funding Sources:	Town 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-ElbaT-05. Floodplain Management Training

Lead Agency:	Floodplain Administrator		
Supporting Agencies:	Building/Zoning Department		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.		
Description of the Solution:	Where feasible, the County and municipalities will have Code staff attend trainings for NFIP Basics and the Intermediate Floodplain management course. Where not feasible, officials will attend virtual trainings and review available resources from FEMA and ASFPM at the ASFPM (https://www.floods.org/) website.		
Estimated Cost:	Low		
Potential Funding Sources:	Town Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	1, 2		
Benefits:	Providing an opportunity for County and municipal staff and officials to become further educated on floodplain management practices and standards can aid in the development of plans and procedures in a way that is conscious of the flood hazard.		
Impact on Socially Vulnerable Populations:	Officials that are up to date on flood risk are more likely to encourage development outside areas of high flood risk, which is where socially vulnerable populations have historically resided. Safer dwellings may be developed in a less vulnerable location.		
Impact on Future Development:	Officials that understand best practices in floodplain management will have the opportunity to influence future development and prevent unsafe building in flood hazard areas.		
Impact on Critical Facilities/Lifelines:	The opportunity will exist for leaders and operators of utilities and other essential services to attend training and provide direction on ways the prepare for, plan for, and prevent interruptions in service as a result of a flood.		
Impact on Capabilities:	Officials that attend trainings will have a more confident understanding of floodplain management principles and the basics of NFIP requirements and standards.		
Climate Change Considerations:	Climate change is likely to result in stronger and more frequent rainfall events that will contribute to increased flood risk		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Hire outside contractors for floodplain administration		Costly
	Establish shared service agreements for floodplain administration from neighboring municipalities		Neighboring municipalities are unlikely to have the staff capacity to take on this role





Action 2025-ElbaT-06. Generator at Town Hall

Lead Agency:	Critical Facility Managers, Engineer		
Supporting Agencies:	Town Administration		
Hazards of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input checked="" type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	Critical facilities require backup power to ensure continuity of operations. The Town Hall (7 Maple Avenue), which houses the municipal supervisor, budget officer, CFO, human resources department, town clerk, and the assessor, does not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.		
Description of the Solution:	The Town Engineer will conduct studies to determine the required generator capacity to support the critical facilities. The Town will then purchase and install the generators and all necessary electrical hookup components. The installation of the back-up emergency generators will ensure continuity of operations for the critical facilities and their operations during each identified hazard of concern. With expectations to provide essential services during times of emergency and otherwise, having a back-up power source is crucial. Long-term risks are mitigated through an emergency generator by reducing the likelihood of impacts from power outages, allowing essential services to continue.		
Estimated Cost:	High		
Potential Funding Sources:	FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	2		
Benefits:	This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.		
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders, utility workers, and emergency managers to stage and deploy resources to vulnerable and hazard prone areas.		
Impact on Future Development:	This action results in protection of critical facilities that could support future development.		
Impact on Critical Facilities/Lifelines:	This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.		
Impact on Capabilities:	This action ensures continuity of operations to maintain capabilities.		
Climate Change Considerations:	Climate change is likely to increase severe weather events such as flooding, wind, and extreme temperatures that result in power failures. This action accounts for a likely increase in power failure events.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives	Action	Evaluation	
	No Action	-	
	Microgrid	Costly and difficult to implement.	



	Solar panels and battery backup	Solar power is unlikely to be able to provide battery power for extended power failure events.
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Action 2025-ElbaT-07. Generator at Highway Department

Lead Agency:	Critical Facility Managers, Engineer		
Supporting Agencies:	Town Administration		
Hazards of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input checked="" type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input checked="" type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	<p>Critical facilities require backup power to ensure continuity of operations. The Highway Department (located in the rear of 7 Maple Avenue) consists of the Highway Department office and storage shed; and a bank of fuel pumps. The Highway Department office is housed in a shed behind the Town Hall and includes space for repair and maintenance work. The facilities do not have back up power, which could impact the continuity of operations at the facilities in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations at both critical facilities. Rising water levels from floods could impact these facilities; back-up generators would permit any influx of water to be removed from the facilities via pumping systems.</p>		
Description of the Solution:	<p>The Town Engineer will conduct studies to determine the required generator capacity to support the critical facilities. The Town will then purchase and install the generators and all necessary electrical hookup components. The installation of the back-up emergency generators will ensure continuity of operations for the critical facilities and their operations during each identified hazard of concern. With expectations to provide essential services during times of emergency and otherwise, having a back-up power source is crucial. Long-term risks are mitigated through an emergency generator by reducing the likelihood of impacts from power outages, allowing essential services to continue.</p>		
Estimated Cost:	High		
Potential Funding Sources:	FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Town Budget		
Implementation Timeline:	Within 5 years		
Goals Met:	2		
Benefits:	This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.		
Impact on Socially Vulnerable Populations:	Protection of critical facilities provides an opportunity for first responders, utility workers, and emergency managers to stage and deploy resources to vulnerable and hazard prone areas.		
Impact on Future Development:	This action results in protection of critical facilities that could support future development.		
Impact on Critical Facilities/Lifelines:	This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.		
Impact on Capabilities:	This action ensures continuity of operations to maintain capabilities.		
Climate Change Considerations:	Climate change is likely to increase severe weather events such as flooding, wind, and extreme temperatures that result in power failures. This action accounts for a likely increase in power failure events.		
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives	Action		Evaluation
	No Action		-
	Microgrid		Costly and difficult to implement.



	Solar panels and battery backup	Solar power is unlikely to be able to provide battery power for extended power failure events.
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Action 2025-ElbaT-08. Substantial Damage Management Plan

Lead Agency:	Building Department		
Supporting Agencies:	Planning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input checked="" type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <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 Town 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 Town 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:	Town Budget		
Implementation Timeline:	Within 3 years		
Goals Met:	1		
Benefits:	This action will provide a guidance document to determine substantial damage in the Town.		
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 Town officials to use.		
Climate Change Considerations:	Climate change is leading to an increase in frequency and intensity of precipitation events, which also increases flooding and may lead to a main failure.		
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input checked="" type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	Action		Evaluation
	No Action		Current problem exists
	Rely on state or federal resources following disaster events		Resources may not be available during major widespread events



Establish MOUs with outside agencies to conduct Substantial Damage Determinations

A plan outlining responsibility is still necessary to prevent missing important requirements



Action 2025-ElbaT-09. Epidemic Education and Outreach

Lead Agency:	Town Supervisor	
Supporting Agencies:	Town Board, Genesee County	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The Town 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 Town does not currently have hazard mitigation information and outreach on the Town 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 Town events, the Town newsletters, social media, the Town website, and having the materials on display for the public at Town libraries and offices. Outreach materials will be specified with education and information for the epidemic hazard.	
Estimated Cost:	Low	
Potential Funding Sources:	Town Budget	
Implementation Timeline:	1 year	
Goals Met:	3	
Benefits:	This action will improve the public education and outreach capabilities in the Town by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the Town.	
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 Town.	
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 Town'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	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input checked="" type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input checked="" type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium
		<input type="checkbox"/> Low
Alternatives:	Action	Evaluation
	No Action	Current problem exists
	Rely on state or federal resources	Resources may be generalized and not specific to the risks in the Town
	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-ElbaT-10. Water Conservation Ordinance

Lead Agency:	Town Administration	
Supporting Agencies:	Planning Board, Zoning Board, NYS DEC	
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input checked="" type="checkbox"/> Extreme Temperature <input type="checkbox"/> Flood	<input type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire
Description of the Problem:	The Town 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 Town 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 Town 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 Town will look to NYS DEC for assistance in the development of the ordinance.	
Estimated Cost:	Low	
Potential Funding Sources:	Town 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 Town. 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 Town.	
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
Alternatives:	Action	
	No Action	
	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 Town's ordinances



Action 2025-ElbaT-11. Transportation Plan

Lead Agency:	Town Administration, Genesee County Highway, NYSDOT		
Supporting Agencies:	Planning Board, Zoning Board		
Hazard(s) of Concern:	<input type="checkbox"/> Civil Unrest <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Epidemic <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood	<input checked="" type="checkbox"/> Hazardous Materials <input type="checkbox"/> Severe Storm <input type="checkbox"/> Severe Winter Storm <input type="checkbox"/> Terrorism <input checked="" type="checkbox"/> Transportation Accidents <input type="checkbox"/> Utility Interruption <input type="checkbox"/> Wildfire	
Description of the Problem:	The Town has two major roads which traverse through the jurisdiction, including US Route 20 and NYS Route 246. Transportation accidents are apt to occur on these roadways more than local roads. Further, hazardous materials may be transported on the major roadways and the railway in the Town.		
Description of the Solution:	The Town 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:	Town Budget		
Implementation Timeline:	Within 3 years		
Goals Met:	1, 3, 4		
Benefits:	The Transportation Plan will detail what the Town 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 Town 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 Town.		
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 Town.		
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	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)	
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)	
Priority	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Alternatives:	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		Town Transportation Plan will remain undeveloped