



9.10 TOWN OF GROVELAND

This section presents the jurisdictional annex for the Town of Groveland. It includes resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. This annex includes a general overview of the Town of Groveland and who in the Town participated in the planning process; an assessment of the Town of Groveland’s risk and vulnerability; the different capabilities utilized in the Town; and an action plan that will be implemented to achieve a more resilient community.

9.10.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of Groveland’s hazard mitigation plan primary and alternate points of contact. The Town of Groveland followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many Town departments, including: Code Enforcement, Highway Department, and Town Clerk. The Supervisor represented the community on the Livingston County Hazard Mitigation Plan Planning Partnership, Steering Committee, and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the Town of Groveland’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.10-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: William Devine, Acting Supervisor Address: 4955 Aten Road, Groveland, NY 14462 Phone Number: 585-447-0184 Email: supervisor@grovelandny.org	Name/Title: Kimberly Burgess, Town Clerk Address: 4955 Aten Road, Groveland, NY 14462 Phone Number: 585-243-1750 Email: townclerk@grovelandny.org
NFIP Floodplain Administrator	
Name/Title: Ronald Maxwell, Code Enforcement Officer Address: 4955 Aten Road, Groveland, NY 14462 Phone Number: 585-447-1358 Email: codeenforcement@grovelandny.org	

9.10.2 Municipal Profile

According to the United States Census Bureau, the town has an area of 39.9 square miles, 39.10 square miles of land and 0.7 square mile (1.85%) of water. The Town of Groveland is bordered by the Towns of Conesus, Geneseo, Livonia, Mount Morris, Sparta, and West Sparta. A portion of Conesus Lake, a Finger Lake, is located in the north eastern corner of the Town. The Town of Groveland is central to Livingston County.

According to the U.S. Census, the 2020 population for the Town of Groveland was 2,316, a 28.72 percent decrease from the 2010 Census. Data from the 2019 U.S. Census American Community Survey indicate that 2.6 percent of the population is 5 years of age or younger and 6.4 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.





9.10.3 Jurisdictional Capability Assessment and Integration

The Town of Groveland performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of planning, legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of administrative and technical capabilities
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Classification under various community mitigation programs.
- The community’s adaptive capacity to withstand hazard events.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration and how risk reduction is supported. Areas with current mitigation integration are summarized in this jurisdictional Capability Assessment (Section 9.10.3). The Town of Groveland’s identified opportunities for integration of mitigation concepts to be incorporated into municipal procedures are included in the updated mitigation strategy.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of Groveland. Section 5 (Capability Assessment) provides an overview of the planning, legal and regulatory capabilities. The following table summarizes what is present in the jurisdiction and discusses if the mechanisms have been or could be leveraged to reduce risk.

Table 9.10-2. Planning, Legal, and Regulatory Capability

	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations					
Building Code	Yes	Yes	Local Law #1 of 2007	State and Local	CEO
<i>How does this reduce risk?</i>					
Zoning/Land Use Code	Yes	No	Currently under review	Local	CEO/ PB/ZBA
<i>How does this reduce risk?</i>					
Subdivision Ordinance	YES	No	12-27-1988	Local	Planning Board
<i>How does this reduce risk?</i>					
Site Plan Ordinance	Yes	No	-	Local and County	Planning Board
<i>How does this reduce risk?</i>					
Goes through site plan review					
Stormwater Management Ordinance	Yes	Yes	NYS DEC Erosion Control Law #2 2007	Local	DEC/ CEO PB
<i>How does this reduce risk?</i>					
Post-Disaster Recovery/ Reconstruction Ordinance	Yes	No	NYS Building Code	Local	CEO
<i>How does this reduce risk?</i>					





	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>Regulates rebuilding Town local/ flood control law</i>					
Real Estate Disclosure	Yes	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
<i>How does this reduce risk?</i>					
<ul style="list-style-type: none"> 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	Yes	No	Local Zoning Law	Local	CEP/ PB
<i>How does this reduce risk?</i>					
Environmental Protection Ordinance	No	Yes	NYS SEQR regulates	Local	PB
<i>How does this reduce risk?</i>					
<i>Consider the following:</i>					
<ul style="list-style-type: none"> Are environmental systems that protect development from hazards identified and mapped? Do environmental policies maintain and restore protective ecosystems? Do the ordinances prohibit development within, of filling of, wetlands, floodways, and floodplains? Do environmental policies provide incentives to development that is located outside protective ecosystems? 					
Flood Damage Prevention Ordinance	Yes	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	Local Law No. 2 of 2000	Federal, State, County and Local	CEO
<i>How does this reduce risk?</i>					
Promote public health, safety and general welfare, and to minimize public and private losses due to flooding; Code enforcement officer identified as the local administrator of the code; code requires new development and substantial improvements in the floodplain to have their lowest floor elevated two feet or more above the base flood elevation					
Wellhead Protection	No	No	-	-	-
<i>How does this reduce risk?</i>					
Emergency Management Ordinance	No	Yes	-	-	-
<i>How does this reduce risk?</i>					
Climate Change Ordinance	No	No	-	-	-
<i>How does this reduce risk?</i>					
Other	No	-	-	-	-
Planning Documents					
Comprehensive Plan	Yes	No	Farmland Protection Plan	Local	CEO PB Town Board
<i>How does this reduce risk?</i>					
Guides growth and development and addresses future growth in the community					
Capital Improvement Plan	No	No	-	-	-
<i>How does this reduce risk?</i>					
Disaster Debris Management Plan	No	No	-	-	-
<i>How does this reduce risk?</i>					
Floodplain Management	No	-	-	-	-
<i>How does this reduce risk?</i>					
Stormwater Management Plan	No	No	-	-	-
<i>How does this reduce risk?</i>					
Open Space Plan	No	-	-	-	-



	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>					
Urban Water Management Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Habitat Conservation Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Economic Development Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Shoreline Management Plan	N/A	-	-	-	-
<i>How does this reduce risk?</i>					
Community Wildfire Protection Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Community Forest Management Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Transportation Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Agriculture Plan	Yes	No	Farmland Protection Plan	Local	CEO/ PB/ Town Board
<i>How does this reduce risk?</i>					
Climate Action/ Resiliency/Sustainability Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Tourism Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Business/ Downtown Development Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Other					
Response/Recovery Planning					
Emergency Operations Plan	Yes	Yes		Local	Town Board
<i>How does this reduce risk?</i>					
<i>Consider the following:</i>					
<ul style="list-style-type: none"> Does your CEMP cover short-term response and long-term recovery to address communications, evacuation, and housing necessary for identified hazards? 					
Strategic Recovery Planning Report	No	-	-	-	-
<i>How does this reduce risk?</i>					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	-
<i>How does this reduce risk?</i>					
Post-Disaster Recovery Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Continuity of Operations Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					



	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Public Health Plan	No	-	-	-	-
<i>How does this reduce risk?</i>					
Other	No	-			

Development and Permitting Capability

The table below summarizes the capabilities of the Town of Groveland to oversee and track development.

Table 9.10-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment
Do you issue development permits? <ul style="list-style-type: none"> If yes, what department is responsible? If no, what is your process for development? 	Yes	Planning Board is responsible for site plan review and review of subdivisions
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	Flood Plain permit unless a letter of map amendment is received for the property (LOMA)
Do you have a buildable land inventory? <ul style="list-style-type: none"> If yes, describe. If no, quantitatively describe the level of buildout in the jurisdiction. 	No	Follow NYS Building Code Requirements

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Groveland and their current responsibilities which contribute to hazard mitigation.

Table 9.10-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	The Groveland Planning Board is comprised of five members appointed by the Town Board for a five year term. Their responsibilities include reviewing and approving applications for subdivision plans and commercial site plans and issuing specific conditional use permits. Educational training per year and specific meeting attendance is required of all board members.
Zoning Board of Adjustments	Yes	The Groveland Zoning Board of Appeals is comprised of five members appointed by the Town board for a five year term. Their responsibilities include issuing specific conditional use permits, interpreting decisions of administration officials, and hearing area and use variance applications. Educational training per year and specific meeting attendance is required of all board members.
Planning Department	No	-
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Public Works/Highway Department	Yes	
Construction/Building/Code Enforcement Department	Yes	
Emergency Management/Public Safety Department	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	No	DPW Handles for Town
Mutual aid agreements	Yes	Liv Co Ambulance/ Dansville Ambulance
Human Resources Manual	No	-
Other	Yes	Employee Handbook
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	Contracted as needed
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
Surveyor(s)	No	-
Emergency Manager	No	-
Grant writer(s)	No	-
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	No	-

Fiscal Capability

The table below summarizes financial resources available to the Town of Groveland.

Table 9.10-5. Fiscal Capabilities

Financial Resources	Are these accessible or eligible to use for mitigation? (Yes/No) If yes, please describe. If no, can this be used to support in the future?
Community development Block Grants (CDBG, CDBG-DR)	No
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No



Financial Resources	Are these accessible or eligible to use for mitigation? (Yes/No) If yes, please describe. If no, can this be used to support in the future?
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

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town of Groveland.

Table 9.10-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? If yes, please describe.
Public information officer or communications office	Yes	Town Website
Personnel skilled or trained in website development	Yes	Town Clerk can update website from outside Town Offices
Is 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	-
Other programs already in place that could be used to communicate hazard-related information	No	-
Warning Systems / Services (mass notification system, outdoor warning signals)	No	-
Natural disaster/safety programs in place for schools	No	-
Other	No	-

Community Classifications

The table below summarizes classifications for community programs available to the Town of Groveland.

Table 9.10-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	No	-	-
NYSDEC Climate Smart Community	No	-	-
StormReady Certification	No	-	-
Firewise Communities classification	No	-	-
Other	No	-	-



Note:

- N/A Not applicable
- NP Not participating
- Unavailable

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current capabilities to adjust to, protect from, or withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each hazard of concern and the jurisdiction’s rating.

Table 9.10-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak*
Drought	Moderate
Earthquake	Moderate
Flood	Moderate
Hazardous Materials	Moderate
Invasive Species	Moderate
Landslide	Moderate
Mine Subsidence	Moderate
Pandemic	Moderate
Severe Storm	Strong
Severe Winter Storm	Strong
Wildfire	Moderate
Terrorism	Moderate
Utility Failure	Moderate

**Strong Capacity exists and is in use*
Moderate Capacity may exist; but is not used or could use some improvement
Weak Capacity does not exist or could use substantial improvement

9.10.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP.

Table 9.10-9. NFIP Summary

Jurisdiction	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of Groveland	5	3	\$3,997.59	N/A	N/A	2
NFIP Topic			Comments			
Flood Vulnerability Summary						
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> • Do you maintain a list of properties that have been damaged by flooding? 			Conesus Lake and Canaseraga Creek The town does not keep a list of properties damaged by flood events			



Jurisdiction	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of Groveland	5	3	\$3,997.59	N/A	N/A	2
NFIP Topic			Comments			
Do you maintain a list of property owners interested in flood mitigation? <ul style="list-style-type: none"> How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 			No			
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 			No			
How do you make Substantial Damage determinations? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 			None while employed as Code Officer to date			
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigation properties, how were the projects funded? 			None while employed as Code Officer to date			
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 			Yes			
NFIP Compliance						
What local department is responsible for floodplain management?			CEO			
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?			Unavailable			
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 			Training has been updated			
Provide an explanation of NFIP administration services you provide (e.g. permit review, GIS, education/outreach, inspections, engineering capability)						
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?			One of two ways over 50% of area of building of value of structure			
What are the barriers to running an effective NFIP program in the community, if any?						
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 			N/A			
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?			NYS DEC reviewed records 2016			
What is the local law number or municipal code of your flood damage prevention ordinance? What is the date that your flood damage prevention ordinance was last amended?			#2-2000			
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 			Meets the minimum requirements			



Jurisdiction	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of Groveland	5	3	\$3,997.59	N/A	N/A	2
NFIP Topic			Comments			
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?			NYS Building Code and ZBA- variance required			
Does your jurisdiction participate in CRS? <ul style="list-style-type: none"> If yes, is your jurisdiction interested in improving its CRS Classification? If no, is your jurisdiction interested in joining the CRS program? 			Yes			

Source: FEMA - Q3 Data; Livingston County HMP 2014

Notes:

RL Repetitive Loss; SRL Severe Repetitive Loss

9.10.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must all be in place and available for public awareness to protect residents, mitigate risk, and relocate residents, if necessary, to maintain post-disaster social and economic stability.

Evacuation Routes

N/A- Livingston County Office of Emergency Management would be Town’s guidance for this as there is no policy in place currently.

Sheltering

The Town of Groveland has not identified sites for potential shelter locations. In the event shelters are needed, the Town will work with the County to find suitable locations for sheltering.

Temporary Housing

The Town of Groveland has not identified sites for the placement of temporary housing for residents displaced by a disaster or potential sites suitable for relocating structures out of the floodplain and/or building new homes once properties in the floodplain are acquired. In the event temporary housing is needed, the Town will work with the County to find suitable locations.

Permanent Housing

While the Town of Groveland did not identify potential locations for permanent housing, as part of the planning process, a countywide buildable land analysis was conducted and presented in Section 4 (County Profile). The Town can utilize this analysis to identify potential locations.

9.10.6 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern.





Table 9.10-10 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. New development in the Town does not impact the Town’s vulnerability, but proposed development of solar farms will help reduce vulnerability to utility failures and the natural hazards that cause them.

Table 9.10-10. Recent and Expected Future Development

Type of Development	2015		2016		2017		2018		2019		2020		2021	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)														
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single Family	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Multi-Family	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Permits Issued	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Property or Development Name	Type of Development	# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development						
Recent Major Development and Infrastructure from 2015 to Present														
None identified														
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years														
Solar Farm	Commercial	To be determined		Lattimer Road and Bailey Road		None		Proposed location						
Solar Farm	Commercial	To be determined		6842 Groveland Hill Road		None		Proposed location						
Solar Farm	Commercial	To be determined		Abele Road and Route 63/Mount Morris Geneseo Road		None		Proposed location						

SFHA Special Flood Hazard Area (1% flood event)

*Only location-specific hazard zones or vulnerabilities identified.

9.10.7 Jurisdictional Risk Assessment

The hazard profiles in Section 5 (Risk Assessment) provide detailed information regarding each plan participant’s vulnerability to the identified hazards. Refer to Section 5.2 (Methodology and Tools) and Section 5.4 (Hazard Ranking) for a detailed summary for the Town of Groveland’s risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps were generated to illustrate the probable areas impacted within the jurisdiction. 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 have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Town of Groveland has significant exposure. The maps also show the location of potential new development, where available. These maps are illustrated below.



Figure 9.10-1. Town of Groveland Flood and Mine Subsidence Hazard Areas

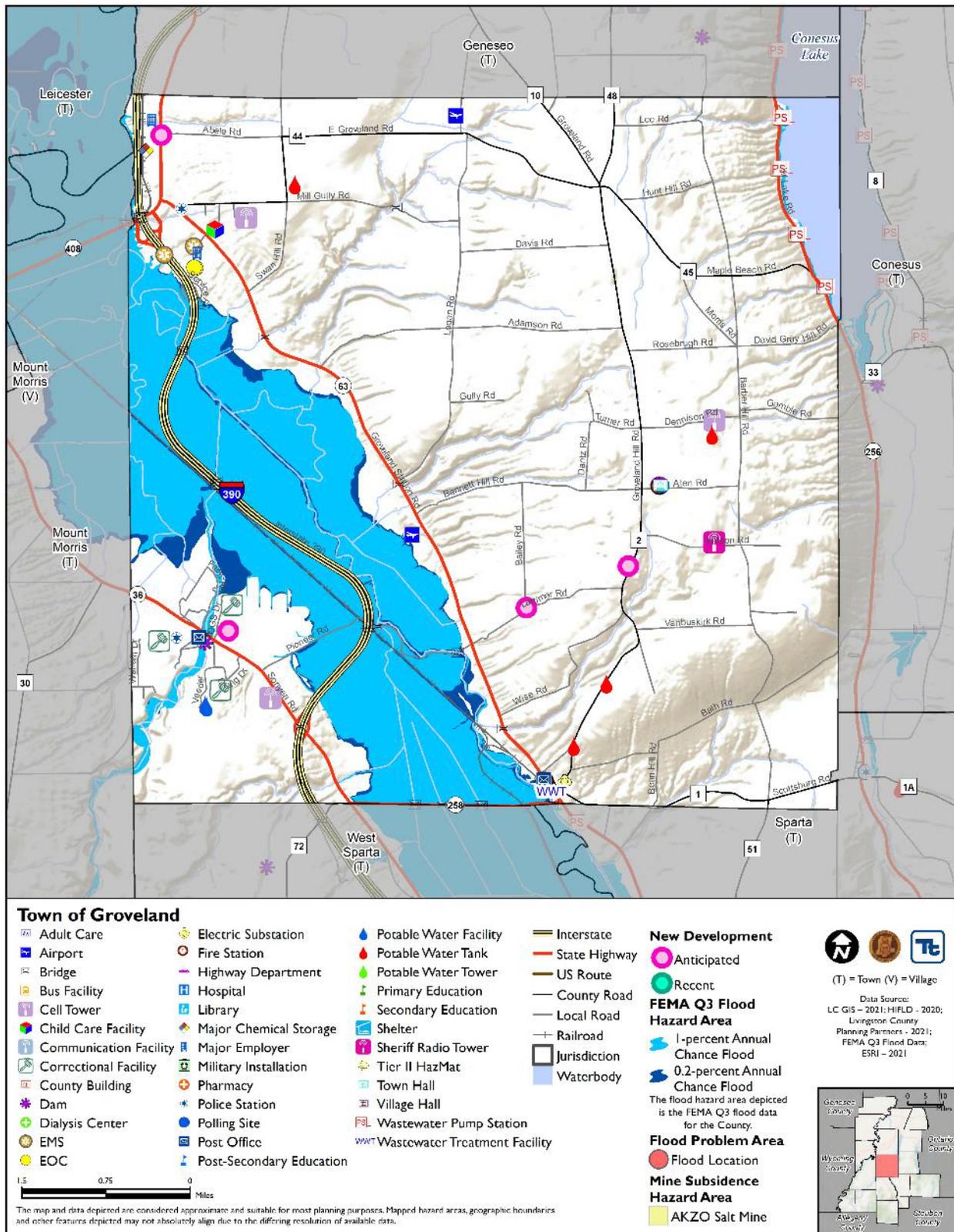




Figure 9.10-2. Town of Groveland Hazmat and Wildfire Hazard Areas

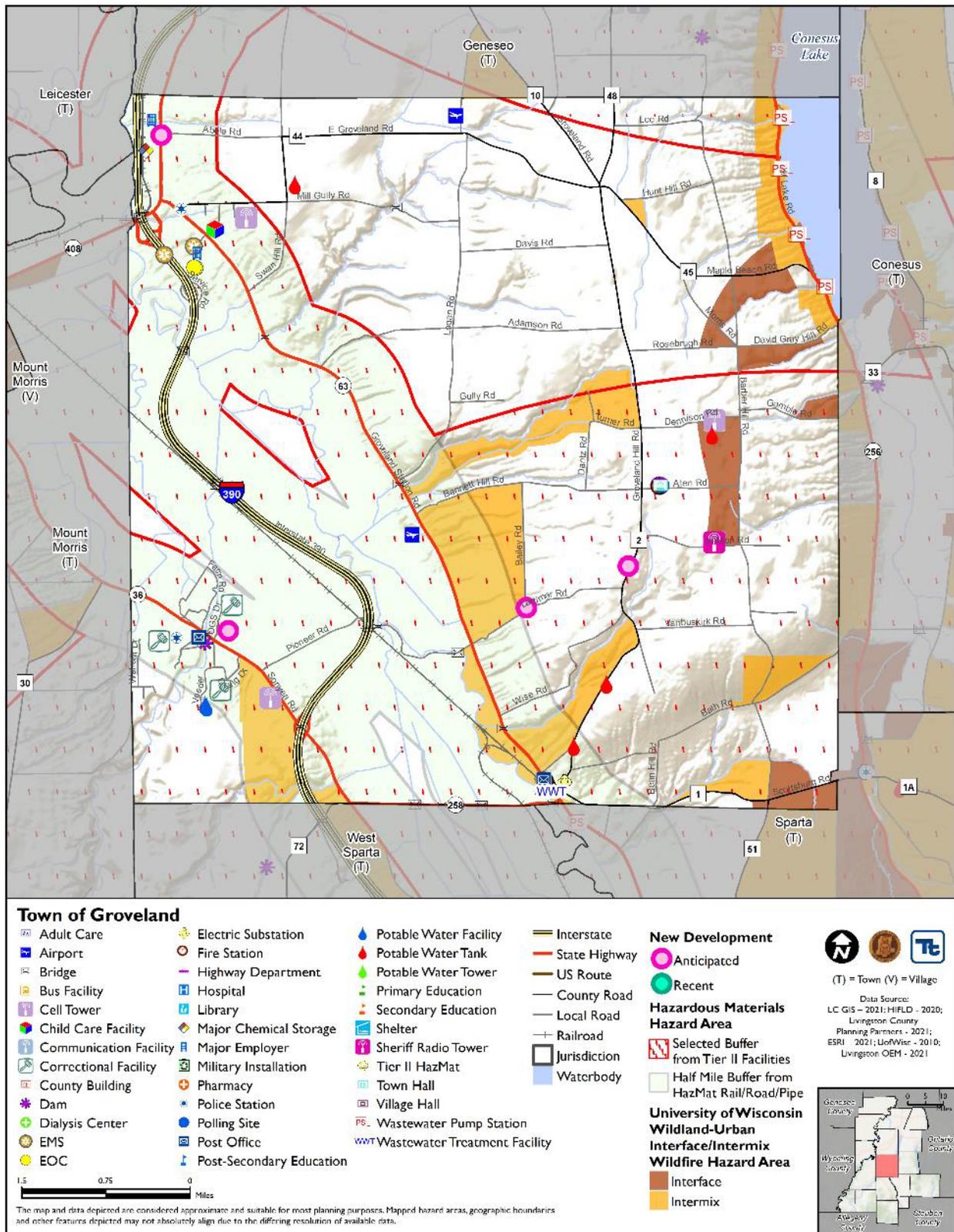
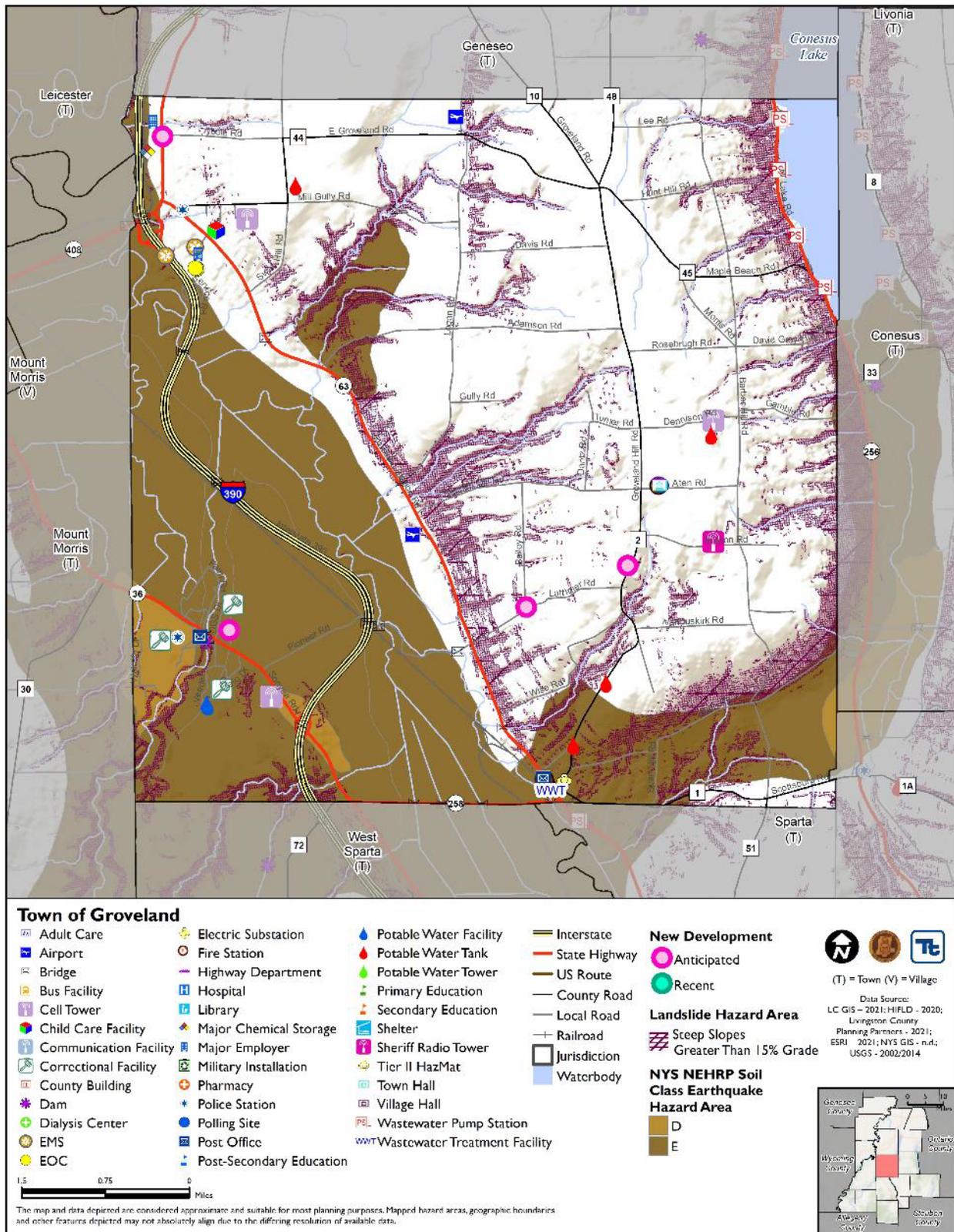




Figure 9.10-3. Town of Groveland Earthquake and Landslide Hazard Areas





Hazard Event History

Livingston County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities.

The Town of Groveland’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Livingston County. Table 9.10-11 provides details regarding municipal-specific loss and damages the Town experienced during hazard events since the last hazard mitigation plan update. Information provided in the table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.10-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	Emergency Declaration?	Municipal Summary of Damages and Losses
2020 & 2021	COVID 19 Pandemic	DR 3434 and 4480	Negative social, health, and economic impacts such as population loss, resident infections, resident deaths, mandatory business closures, school closings, decreases in the local labor market, and household supply shortages

Notes:

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

Hazard Ranking and Vulnerabilities

The hazard profiles in Section 5.0 (Risk Assessment) of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Town of Groveland’s risk assessment results and data used to determine the hazard ranking.

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Livingston County as a whole. Therefore, each Town of Groveland ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Groveland. The Town of Groveland has reviewed the county hazard risk/vulnerability risk ranking table as well as its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Village agreed with the calculated rankings.





Table 9.10-12. Hazard Ranking Input

Drought	Earthquake	Flood	Hazardous Materials	Invasive Species	Landslide	Mine Subsidence
Low	Low	Medium	High	Medium	Low	Low
Pandemic	Severe Storm	Severe Winter Storm	Wildfire	Terrorism	Utility Failure	
Medium	High	Medium	High	Low	Medium	

Note: The scale is based on the hazard rankings established in Section 5.3 and modified as appropriate during review by the jurisdiction

Critical Facilities

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain and presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.10-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Addressed by Proposed Action
		1% Event	0.2% Event	
CRAIG COLONY DAM	Dam	X	X	
Not available	Wastewater Pump Station	X	X	

Source: Livingston County Planning Partners 2021; HIFLD 2020

Identified Issues

After review of the Town of Groveland’s hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the Town of Groveland has identified the following vulnerabilities within their community:

- Flooding of State Route 258- Flats Road annually
- American Rock Salt mine

9.10.8 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and their prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2015 HMP. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.10-14. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TGr-1	Establish local emergency shelters/coordination centers.	All	None provided in the 2015 HMP	County EMS	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-2	Establish a formal emergency operations center (or a mobile county operated unit) for communications in town. Stockpile supplies and equipment in the center.	All	None provided in the 2015 HMP	Municipality	Ongoing Capability	1. 2. 3.	1. 2. Utilize County OEM & Town's EOP 3.
TGr-3	Establish mutual aid agreements with neighboring counties for their assistance in addressing county wide disasters.	All	None provided in the 2015 HMP	County EMS	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-4	Stockpile Emergency Supplies/Equipment	All	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-5	Develop materials and conduct education and outreach to work with farmers to implement best management practices (BMP) to address stormwater runoff from fields.	Flood, Severe Storm	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-6	Conduct a hydrilla management analysis to determine whether chemical treatments or the introduction of grass carp would be a more effective control measure.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-7	Implement hydrilla control measures to prevent the further spread of the invasive species and to eventually reduce its impact on the County's water systems.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. - 3. This is a countywide action; therefore, the Town will not include in their mitigation strategy
TGr-8	Support the mitigation of vulnerable structures via retrofit (e.g., elevation, flood-proofing) or acquisition/relocation to protect them from future damage; repetitive loss and severe repetitive loss	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	properties should be a priority, when applicable.						
TGr-9	Assess and prioritize feasible non-structural flood hazard mitigation alternatives for at-risk properties within the floodplain (including those that have been identified as repetitive loss) such as acquisition/relocation, or elevation. The parameters for feasibility for this initiative would include the following: funding, benefits versus costs, and willing participation of property owners. Implement as funding becomes available.	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering	Ongoing Capability	1. 2. 3.	1. 2.As needed 3.
TGr-10	Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what they can do in the way of mitigation and preparedness, including flood insurance.	All Hazards	None provided in the 2015 HMP	Town Supervisor's Office	Ongoing Capability	1. 2. 3.	1. 2. Use of Town Website & Liv Co OEM to assist 3.
TGr-11	Maintain compliance with and good-standing in the NFIP including adoption and enforcement of floodplain management requirements (e.g. regulating all new and substantially improved construction in special-hazard flood areas), floodplain identification and mapping, and flood insurance outreach to the community. Further meet or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified in subsequent initiatives.	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing Capability	1. 2. 3.	1. 2. Require Flood Plain Permits 3.
TGr-12	Support and participate in county-led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1).	All Hazards	None provided in the 2015 HMP	County Departments	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-13	Begin the process to promote or adopt higher regulatory and zoning standards to manage flood hazard risk; specifically through [examples]:	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TGr-14	Develop and implement a post-event damage assessment program.	Flood; Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-15	Support participation in the NFIP Community Rating System (CRS) program by attending CRS workshops if offered within the county. Join the CRS program if adequate resources to support long term participation can be dedicated. See following related Community Assistance Visit (CAV) initiative.	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-16	Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed. This is a part of the process of joining CRS (above initiative).	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-17	Designate a NFIP Floodplain Administrator (FPA), and other local officials who would benefit, become a Certified Floodplain Manager (CFM) through the Association of State Floodplain Managers (ASFPM) and New York State Stormwater and Floodplain Managers Association (NYSSFMA), and pursue relevant continuing education training such as FEMA Benefit-Cost Analysis (BCA) and Substantial Damage Estimation (SDE).	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-18	Develop and maintain mapping of all natural hazard risk areas in the Town, FEMA-delineated or otherwise, to support land use decision making (e.g. Planning Board, site plan review process.).	Flood, Wildfire	None provided in the 2015 HMP	Engineering Department	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-19	Work with County and power companies to identify roads within the Town considered "critical" would be the first priority for clearing after an event involving downed power lines.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success 1. Cost 2. Level of Protection Damages Avoided; Evidence of Success	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TGr-20	Enhance or expand tree maintenance program and coordinate with utility companies.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.
TGr-21	Work with utility companies and developers to bury utility lines underground, wherever possible.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing Capability	1. 2. 3.	1. 2. As needed 3.



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of Groveland has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2015 HMP:

- Proposing to install a large scale solar farm with the Town of Groveland as the lead for the project

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of Groveland participated in a mitigation action workshop in September 2021 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

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

Table 9.10-15. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Drought	X	X			X	X				X
Earthquake	X	X			X	X				X
Flood	X	X			X	X	X		X	X
Hazardous Materials	X	X			X	X				X
Invasive Species	X	X			X	X				X
Landslide	X	X			X	X				X
Mine Subsidence	X	X			X	X				X
Pandemic	X	X			X	X				X
Severe Storm	X	X			X	X			X	X
Severe Winter Storm	X	X			X	X				X
Wildfire	X	X			X	X				X
Terrorism	X	X			X	X				X
Utility Failure	X	X			X	X				X

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

Table 9.10-16 summarizes the comprehensive range of specific mitigation initiatives the Town of Groveland would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as ‘High’, ‘Medium’, or ‘Low.’ The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.



Table 9.10-16. Summary of Prioritization of Actions

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of Groveland-001	Minimum Staffing	Problem: The Town has minimum staff to assist during a large event. Solution: The Town will develop inter-municipal agreements to have shared services and staff when needed during larger events.	No	No	All	All	Ongoing	Town Board	Local Budget	Increase capabilities; continuity of operations	Staff Time	Medium	LPR	PR
2022-Town of Groveland-002	Town Hall Generator	Problem: The current generator at the town hall is old and not reliable. Without proper backup power, the facility cannot function properly and provide essential services to the community. Solution: Purchase and install a permanent generator at the town hall. This provide continuity of operations to the municipal departments.	Yes	No	All	1, 2	3 years	Town Board	Local Budget, FEMA HMGP	Continuity of operations	\$30,000	High	SIP	ES, PP
2022-Town of Groveland-003	Barber Hill Culvert	Problem: The culvert located on Barber Hill is undersized and cannot handle excess water after a heavy rain event. This leads to flooding in and around the area. Solution: The Highway Department will determine the proper size culvert to install. Once identified, the Department will replace the existing culvert with a new, upsized culvert to increase capacity and reduce flooding.	No	No	Flood, Severe Storm	1, 2	6 months	Town Highway Department	Local Budget, FEMA HMGP	Reduction in flood risk	\$50,000	High	SIP	PP, SP
2022-Town of Groveland-004	Floodprone Properties	Problem: There are 5 flood policies in the Town. Two of the flood policies is located in the floodplain. Due to their location, the properties are prone to flooding and flood damages. Solution: Conduct outreach to 5 floodprone property owners and provide information on mitigation	No	No	Flood	1, 2, 3	1 year	NFIP Floodplain Administrator, Village Board	Village Budget for outreach; FEMA FMA or HMGP for mitigation	Eliminates flood damage to homes, informs public of mitigation options	Staff time; mitigation depends on type chosen	Medium	LPR, SIP	PR, SP, PI





Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
		alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in the Town.												
2022-Town of Groveland-005	NFIP Administrator Training	Problem: The floodplain administrator for the Town is in need of training and resources to understand the NFIP program and flooding in the Village. Solution: The floodplain administrator will review the list of upcoming trainings on the NYSDEC website and sign up to attend. This will allow the administrator to understand their role in administering the program and learning about the NFIP.	No	No	Flood	1, 2, 3	Within 1 year	NFIP Floodplain Administrator, NYSDEC	Town Budget	Increase education and training on floods in the Town	Staff time	High	LPR	PR
2022-Town of Groveland-006	Critical Facilities in the Floodplain	Problem: There is one dam located and a wastewater pump station in the 1% annual chance flood area and are susceptible to flood damages. The Village does not have jurisdiction over these facilities. Solution: The Village will conduct outreach to the facility owners/operators to inform them of their location in the floodplain and provide mitigation options to protect the structures from flood damage.	Yes ♦	No	Flood	1, 2, 3	1 year	Code Enforcement	Village Budget	Education and outreach, protect structures from flood damage	Staff Time	Medium	LPR, EAP	PR, PI

Notes:

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

Acronyms and Abbreviations:

CAV Community Assistance Visit
CRS Community Rating System

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program
HMGP Hazard Mitigation Grant Program

Timeline:

The time required for completion of the project upon implementation





DPW	Department of Public Works	BRIC	Building Resilient Infrastructure and Communities Program
EHP	Environmental Planning and Historic Preservation		
FEMA	Federal Emergency Management Agency		
FPA	Floodplain Administrator		
HMA	Hazard Mitigation Assistance		
N/A	Not applicable		
NFIP	National Flood Insurance Program		
OEM	Office of Emergency Management		

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Critical Facility:

Yes Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

- Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.
- Natural Resource Protection (NR) - Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities





Table 9.10-17. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2022-Town of Groveland-001	Minimum Staffing	1	1	1	1	0	0	1	0	0	0	1	1	0	0	7	Medium
2022-Town of Groveland-002	Town Hall Generator	1	1	1	1	1	1	0	0	0	1	1	1	1	0	10	High
2022-Town of Groveland-003	Barber Hill Culvert	1	1	1	1	1	1	0	1	0	1	1	1	0	0	10	High
2022-Town of Groveland-004	Floodprone Properties	1	1	1	1	0	0	1	0	0	1	1	1	0	0	8	Medium
2022-Town of Groveland-005	NFIP Administrator Training	1	1	1	1	0	1	1	0	0	1	1	1	0	0	9	High
2022-Town of Groveland-006	Critical Facilities in the Floodplain	1	1	1	1	0	0	1	0	0	1	1	1	0	0	8	Medium

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).



9.10.9 Action Worksheets

The following action worksheets have been developed by the Town of Groveland to aid in the submittal of grant applications to support the funding of high priority proposed actions.

Action Worksheet			
Project Name:	Town Hall Generator		
Project Number:	2022-Town of Groveland-002		
Risk / Vulnerability			
Hazard(s) of Concern:	All		
Description of the Problem:	The current generator at the town hall is old and not reliable. Without proper backup power, the facility cannot function properly and provide essential services to the community.		
Action or Project Intended for Implementation			
Description of the Solution:	Purchase and install a permanent generator at the town hall. This provide continuity of operations to the municipal departments.		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Continuity of operations
Useful Life:	10 years	Goals Met:	1, 2
Estimated Cost:	\$30,000	Mitigation Action Type:	SIP
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	6 months from funding
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	Local Budget, FEMA HMGP
Responsible Organization:	Town Highway Department	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Capital Improvement
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Install solar panels	\$50,000	Weather dependant; may not be able to power entire building
	Install wind turbine	\$50,000+	Weather dependent; needs space to install; maintenance
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Evaluation and Prioritization		
Project Name:	Town Hall Generator	
Project Number:	2022-Town of Groveland-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Continuity of operations
Cost-Effectiveness	1	Benefits outweigh the costs
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need funding to complete project
Environmental	0	
Social	0	
Administrative	0	The Town has the capabilities to complete this project
Multi-Hazard	1	All
Timeline	1	To be completed within 6 months
Agency Champion	1	
Other Community Objectives	0	
Total	10	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Barber Hill Culvert		
Project Number:	2022-Town of Groveland-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	The culvert located on Barber Hill is undersized and cannot handle excess water after a heavy rain event. This leads to flooding in and around the area.		
Action or Project Intended for Implementation			
Description of the Solution:	The Highway Department will determine the proper size culvert to install. Once identified, the Department will replace the existing culvert with a new, upsized culvert to increase capacity and reduce flooding.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	100-year	Estimated Benefits (losses avoided):	Reduction in flood risk
Useful Life:	50-100 years	Goals Met:	1, 2
Estimated Cost:	\$3 million	Mitigation Action Type:	SIP
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	6 months from funding
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	Local Budget, FEMA HMGP
Responsible Organization:	Town Highway Department	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Capital Improvement
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Replace entire stormwater system	\$10 million+	Costly; entire system does not need to be replaced
	Elevate roadways	\$1 million+	Costly; not feasible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Evaluation and Prioritization		
Project Name:	Barber Hill Culvert	
Project Number:	2022-Town of Groveland-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduces flood damages to residents in the area
Property Protection	1	Increases capacity
Cost-Effectiveness	1	Benefits outweigh the costs
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need funding to complete project
Environmental	1	
Social	0	
Administrative	1	The Town has the capabilities to complete this project
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	To be completed within 6 months
Agency Champion	0	
Other Community Objectives	0	
Total	10	
Priority (High/Med/Low)	High	