



9.22 Village of Pittsford

This section presents the jurisdictional annex for the Village of Pittsford that provides 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 to reduce or eliminate damage to property and people that can be implemented prior to a disaster. Information presented includes a general overview of the municipality, who in the Village participated in the planning process, an assessment of the Village of Pittsford’s risk and vulnerability, the different capabilities used in the Village, and an action plan that will be implemented to achieve a more resilient community.

9.22.1 Hazard Mitigation Planning Team

The Village of Pittsford identified the hazard mitigation plan primary and alternate points of contact and developed this plan over the course of several months with input from many Village departments, including the Village Building Department and the Village Department of Public Works. The Code Enforcement Officer represented the community on the Monroe County Hazard Mitigation Plan Planning Partnership 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 municipality’s planning process through Planning Partnership meetings is included in Volume 1, Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.22-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Steven C. Lauth, Code Enforcement Officer Address: 21 North Main street, Pittsford N.Y. 14534 Phone Number: 585-586-4332 Email: Buildinginspector@villageofpittsford.com	Name/Title: Zack Bleier, DPW Superintendent Address: 21 North Main street, Pittsford N.Y. 14534 Phone Number: 585-586-9320 Email: zbleier@villageofpittsford.com
NFIP Floodplain Administrator	
Name/Title: Zack Bleier, DPW Superintendent Address: 21 North Main street, Pittsford N.Y. 14534 Phone Number: 585-586-9320 Email: zbleier@villageofpittsford.com	
Additional Contributors	
Name/Title: Steven C. Lauth – Code Enforcement Officer Method of Participation: Contributed data and information, contributed to the mitigation strategy	
Name/Title: Zack Bleier, DPW Superintendent Method of Participation: Contributed data and information	

9.22.2 Municipal Profile

The Village of Pittsford is in the southeastern quadrant of Monroe County and is a suburb of the City of Rochester, roughly 8 miles to the northwest. The Village encompasses 0.7 square mile of land and 0.04 square mile of water and is fully enclosed by the Town of Pittsford.

According to the U.S. Census, the 2020 population for the Village of Pittsford was 1,419, a 4.7 percent increase from the 2010 Census (1,355). Data from the 2020 American Community Survey 5-year Estimates indicate that 6.5 percent of the population is 5 years of age or younger, 17.3 percent is 65 years of age or older, 2.8 percent





have disabilities, and 1.6 percent are below the poverty threshold. 0 percent of households are non-English speaking. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.22.3 Jurisdictional Capability Assessment and Integration

The Village of Pittsford performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume 1, Section 6 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment includes the following analyses:

- An assessment of 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 the hazard mitigation analysis, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. The updated mitigation strategy provided an opportunity for the Village of Pittsford to identify opportunities for integration of mitigation concepts that can be incorporated into municipal procedures.

Planning, Legal, and Regulatory Capability and Integration

The table below summarizes the regulatory tools that are available to the Village of Pittsford. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.22-2. Planning, Legal, and Regulatory Capability and Integration

	Jurisdiction has this? (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	New York State Uniform Fire Prevention and Building Code	State and Local	Village Building Inspector
<i>How does this reduce risk?</i> The Village of Pittsford has adopted the New York Uniform Fire Prevention and Building Code.				
Zoning/Land Use Code	Yes	Chapter 210 - Zoning	Local	Village Zoning Board
<i>How does this reduce risk?</i> The zoning and land use code meets the minimum requirements adopted for the promotion of public health, safety, morals and general welfare and the conservation of property values throughout the Village of Pittsford. Working with the Village Comprehensive Plan, Village zoning is intended to provide adequate light, air and convenience to access, secure the Village infrastructure and buildings from fire and other hazards, prevent unnecessary concentration of population by regulating and limiting the height and bulk of buildings. Limiting and specifying the size of yards, courts and other open spaces, controlling density of the population and regulating and restricting the location of trades, industries and buildings for specific uses.				
Subdivision Ordinance	Yes	Chapter 178 – Subdivision of Land	Local	Village Planning Board
<i>How does this reduce risk?</i> The Chapter provides guidance for future growth and development, while maintaining the traditional appearance and physical characteristics of the Village, the multimodal transportation network, natural environment, and the general health, safety and welfare of the public. The Chapter				



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
provides guidance for ensuring subdivisions properly provide quality facilities for housing and infrastructure, including all necessary utilities and services, maintain the proper access and connectivity for pedestrians, bicyclists, and motorists and mitigating the potential negative impacts of increased traffic, protecting the Village’s historic character and traditional settlement pattern from suburban development pressures, applying clustering and land use conservation principles for all subdivision proposals, providing parks and open space in subdivisions to increase resident quality of life and preservation of property values, promote the use of green infrastructure and sustainable design practices in subdivision proposals, and accompanying the comfort, convenience, safety, health and welfare of the general population as future development opportunities are considered.				
Site Plan Ordinance	Yes	Chapter 210, Article 34 – Site Plan Review	Local	Village Zoning Board
<i>How does this reduce risk?</i> The Article describes procedure for minor site plan review, major site plan review, and site plan review considerations. The Article identifies the site plan review process to contribute to the aesthetic character, charm, quality of life, function, economic vitality, and historic integrity of the Village. The Article requires that site plans preserve and enhance the physical form of the Village, are compatible with the adjacent developments, mitigate potentially negative impacts on traffic, parking, drainage and similar environmental concerns, improve the overall visual and aesthetic quality of the Village, increase the capability of the zoning code to adapt to unique circumstances, and the maintain the health, safety, and general welfare of the community.				
Stormwater Management Ordinance	Yes	Chapter 175– Stormwater Management and Erosion and Sediment Control	Local	Public Works Department
<i>How does this reduce risk?</i> This Chapter establishes the minimum stormwater management requirements and controls to protect and safeguard the health, safety, and welfare of the public. This Chapter meets requirements through land development activities and associated increases in site impervious cover often alter the hydrologic response of local watersheds and increase stormwater runoff rates and volumes, flooding, stream channel erosion, or sediment transport and deposition, the stormwater runoff contributes to increased quantities of waterborne pollutants, including siltation of aquatic habitat for fish and other desirable species, stormwater runoff, soil erosion and nonpoint source pollution can be controlled and minimized through the regulation of stormwater runoff from land development activities. The regulation of stormwater runoff discharges from land development activities in order to control and minimize increases in stormwater runoff rates and volumes, soil erosion, stream channel erosion, and nonpoint source pollution associated with stormwater runoff will minimize threats to public health and safety, and regulating land development activities by means of performance standards governing stormwater management and site design produces development compatible with the natural functions of a particular site or an entire watershed and thereby mitigate the adverse effects of erosion and sedimentation from development.				
Post-Disaster Recovery/ Reconstruction Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Real Estate Disclosure	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> 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	-	-	-
<i>How does this reduce risk?</i>				
Environmental Protection Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Flood Damage Prevention Ordinance	Yes	Chapter 107 – Flood Damage Prevention	Local	Public Works Department, Village Board
<i>How does this reduce risk?</i> The purpose of this chapter is to promote public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to: <ul style="list-style-type: none"> 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. 				





	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<ul style="list-style-type: none"> Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters. Control filling, grading, dredging and other development which may increase erosion or flood damages. Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands. Qualify for and maintain participation in the National Flood Insurance Program. <p>The chapter requires 2 feet of freeboard for all new or substantially improved construction.</p>				
Wellhead Protection	No	-	-	-
<i>How does this reduce risk?</i>				
Emergency Management Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Change Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Other	No	-	-	-
<i>How does this reduce risk?</i>				
Planning Documents				
Comprehensive Plan	Yes	Village of Pittsford Comprehensive Plan – 2019 Update	Local	Village Planning and Zoning Board
<i>How does this reduce risk?</i>				
The Village of Pittsford Comprehensive Plan was adopted to provide an overall framework for future public and private investment throughout the community. The Plan accomplishes this vision by identifying existing conditions, current cultural and economic development efforts, and budgeting and capital improvement planning efforts.				
Capital Improvement Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Disaster Debris Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Stormwater Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Open Space Plan	No	-	-	-
<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	No	-	-	-
<i>How does this reduce risk?</i>				





	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
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	Yes	Active Transportation Plan, January 2019	Local	Board of Trustees
<i>How does this reduce risk?</i> The Active Transportation Plan ensures that the community has active and viable transportation routes				
Agriculture Plan	No	-	-	-
<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	No	-	-	-
<i>How does this reduce risk?</i>				
Response/Recovery Planning				
Comprehensive Emergency Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Continuity of Operations Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Substantial Damage Response Plan	No	-	-	-
<i>How does this reduce risk?</i>				
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>				
Public Health Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	No	-	-	-
<i>How does this reduce risk?</i>				



Development and Permitting Capability

The table below summarizes the capabilities of the Village of Pittsford to oversee and track development.

Table 9.22-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits?	Yes	-
<ul style="list-style-type: none"> If you issue development permits, what department is responsible? 	N/A	Building Department
<ul style="list-style-type: none"> If you do not issue development permits, what is your process for tracking new development? 	N/A	-
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	SFHA
Do you have a buildable land inventory?	No	-
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	N/A	-
Describe the level of build-out in your jurisdiction.	95%	Only one area available for any construction within the Village as it is over 95% built out with a small area off of Monroe Avenue that has been approved for a residential rental project

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Village of Pittsford and their current responsibilities that contribute to hazard mitigation.

Table 9.22-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	The purpose of the Planning Board is to maintain and enhance the historic character of the Village of Pittsford. The Planning Board has authority to approve, or approve with conditions, site plans, the authority to review subdivision plat requirements. The Planning Board is combined with the Zoning Board of Appeals
Zoning Board of Adjustment	Yes	See Planning Board
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 Department of Public works is responsible for the following: <ul style="list-style-type: none"> - Collecting brush and yard debris - Monitoring the Village’s storm water and sanitary sewer systems - Maintaining public grounds and sidewalks - Pruning village trees



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
		- Plowing and sweeping streets and sidewalks
Construction/Building/Code Enforcement Department	Yes	The Building Inspector enforces the New York State Uniform Fire Prevention and Building Code in addition to addressing questions and providing guidance.
Emergency Management/Public Safety Department	No	-
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	See Public Works/Highway
Mutual aid agreements	Yes	Agreements with surrounding municipalities (Town of Pittsford) emergency services and schools
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other	No	-
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Village Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Building Inspector
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	-
Environmental scientist familiar with natural hazards	No	-
Surveyor(s)	Yes	Professional Engineering Group
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 Village of Pittsford.

Table 9.22-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes





Financial Resources	Accessible or Eligible to Use? (Yes/No)
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	No
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	No
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 Village of Pittsford.

Table 9.22-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	No	-
Personnel skilled or trained in website development	No	-
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	-
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? <ul style="list-style-type: none"> If yes, please describe. 	Yes	Website and Information boards at the Village Hall, 21 North Main Street

Community Classifications

The table below summarizes classifications for community programs available to the Village of Pittsford.



Table 9.22-7. 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)	Yes	Pittsford Fire 3	Unknown
New York State Department of Environmental Conservation (NYSDEC) Climate Smart Community	No	-	-
Storm Ready Certification	No	(Monroe County is StormReady)	-
Firewise Communities classification	No	-	-
Other	No	-	-

Note:

N/A Not applicable

- 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). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each identified hazard of concern and the jurisdiction’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 9.22-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Disease Outbreak	Weak
Drought	Moderate
Earthquake	Weak
Extreme Temperature	Moderate
Flood	Weak
Hazardous Materials	Weak
Infestation and Invasive Species	Weak
Landslide	Weak
Severe Storm	Strong
Severe Winter Storm	Strong
Wildfire	Weak

9.22.4 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. The Floodplain Administrator is responsible for maintaining this information and is listed in the Hazard Mitigation Planning Team table at the beginning of this annex.



National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Village of Pittsford.

Table 9.22-9. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties (FMA definition)	# RL Properties (NFIP definition)	# SRL Properties	# Policies in the 1% Flood Boundary
Village of Pittsford	4	0	\$0	0	-	0	2

Source: FEMA Region 2 2015

Note (1): Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015. The total number of repetitive loss properties does not include severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

Note (2): Total building and content losses from the claims file provided by FEMA Region 2.

Note (3): Number of policies inside and outside of flood zones is based on latitude and longitude provided by FEMA Region 2 in the policy file. FEMA noted that for a property with more than one entry, more than one policy may have been in force, or more than one Geographic Information System (GIS) specification was possible. Number of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

RL FMA Definition Any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

RL NFIP Definition Any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period, since 1978.

Flood Vulnerability Summary

The following table provides a summary of the NFIP program in the Village of Pittsford.

Table 9.22-10. NFIP Summary

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? 	SFHA. None.
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? 	Unknown
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
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Unknown
NFIP Compliance	
What local department is responsible for floodplain management?	Building Department
Are any certified floodplain managers on staff in your jurisdiction?	No





NFIP Topic	Comments
Do you have access to resources to determine possible future flooding conditions from climate change?	Yes
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?	Unknown
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	Unknown
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Substantial improvements are determined by a percent of change.
What are the barriers to running an effective NFIP program in the community, if any?	Unknown
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)?	There are no records of a Community Assistance Visit nor Community Assistance Contact for the Village.
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?	Chapter 107, July 8, 2008
Does your floodplain management program meet or exceed minimum requirements? • If exceeds, in what ways?	Unknown
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?	Unknown
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	No

9.22.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must 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 and Procedures

The Village of Pittsford identified the following routes and procedures to evacuate residents prior to and during an event.

- The Village of Pittsford does not have official evacuation routes or procedures.

Sheltering

The Village of Pittsford has identified the following designated emergency shelters within the Village.



Table 9.22-11. Designated Emergency Shelters

Site Name	Address	Capacity (# of people)	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
None Identified							

Temporary Housing

Each jurisdiction must identify sites for placement of temporary housing units to house residents displaced by a disaster. The Village of Pittsford has identified the following sites suitable for placing temporary housing units.

Table 9.22-12. Temporary Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic, etc.)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
None Identified					

Permanent Housing

Structures located in the regulatory floodplain might need to be relocated due to high flood risk or new properties must be built once severely damaged properties are demolished. Jurisdictions must identify suitable sites currently owned by the jurisdiction and potential sites under private ownership that meet applicable local zoning requirements and floodplain laws. The Village of Pittsford has identified the following areas suitable for relocating homes outside of the floodplain.

Table 9.22-13. Permanent Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
None Identified					

9.22.6 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 appreciating a jurisdiction’s overall risk to its hazards of concern. Table 9.22-14 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.



Table 9.22-14. Recent and Expected Future Development

Type of Development	2017		2018		2019		2020		2021		2022	
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
Single Family	0	0	1	0	0	0	0	0	0	0	Final statistics for 2022 were not available for this HMP update.	
Multi-Family	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		
Total New Construction Permits Issued	0	0	1	0	0	0	0	0	0	0		
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 2017 to Present												
None Identified												
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years												
Westport Crossings	High density residential rental housing		7 residential rental buildings/ 157 units + restaurant/clubhouse		75 Monroe Avenue, Pittsford NY 14534		None		Approval process complete. Construction beginning in Spring 2023			

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.22.7 Jurisdictional Risk Assessment

The hazard profiles in Volume 1, Section 5 (Risk Assessment) provide detailed information regarding each plan participant’s vulnerability to the identified hazards. Section 5.2 (Methodology and Tools) and Section 5.4 (Hazard Ranking) provide detailed summaries for the Village of Pittsford’s risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps provided below illustrate the probable areas impacted within the jurisdiction based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps were generated only for those hazards that can be identified clearly using mapping techniques and technologies and for which the Village of Pittsford has significant exposure. The maps also show the location of potential new development, where available.



Figure 9.22-1. Village of Pittsford Hazard Area Extent and Location Map 1

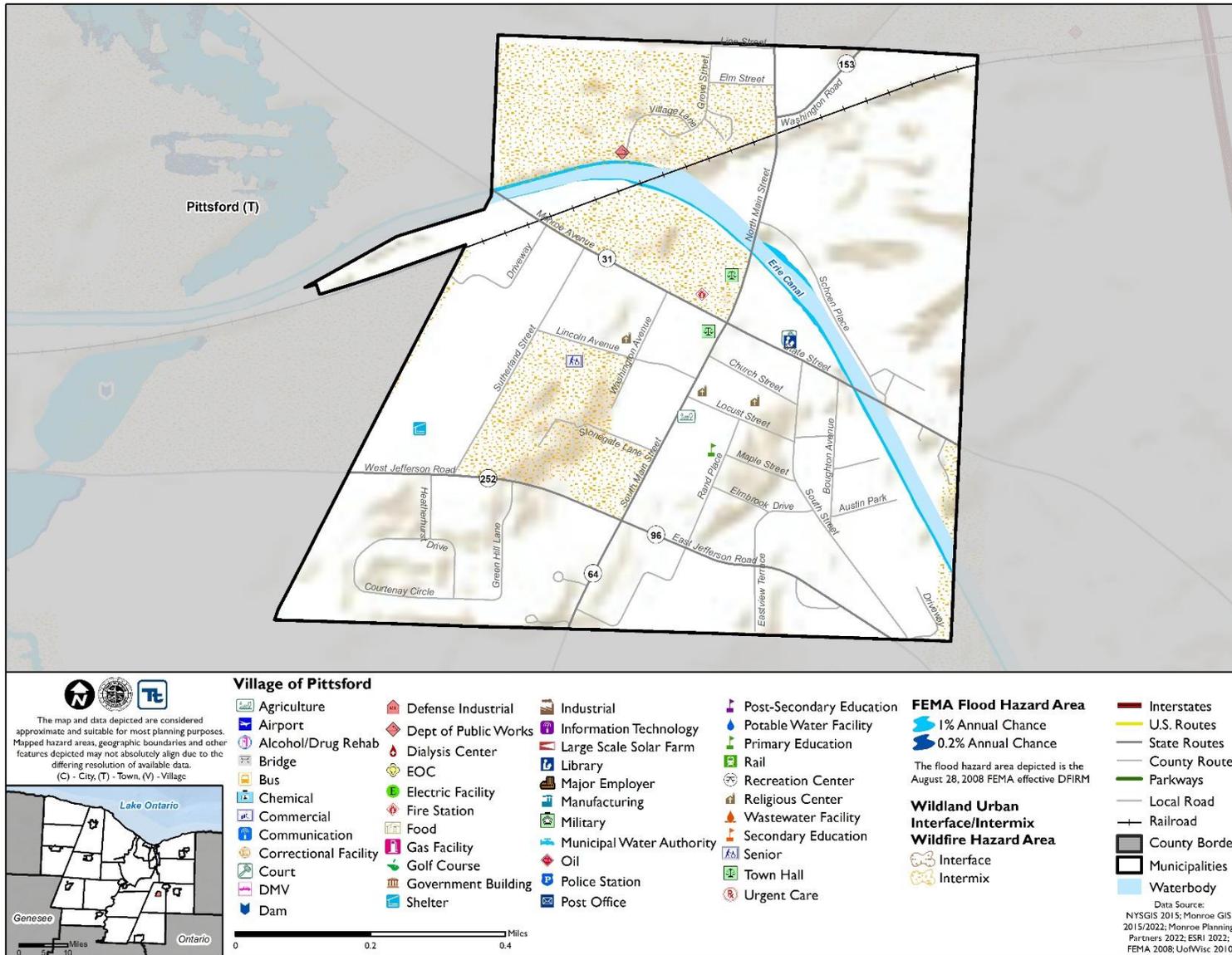
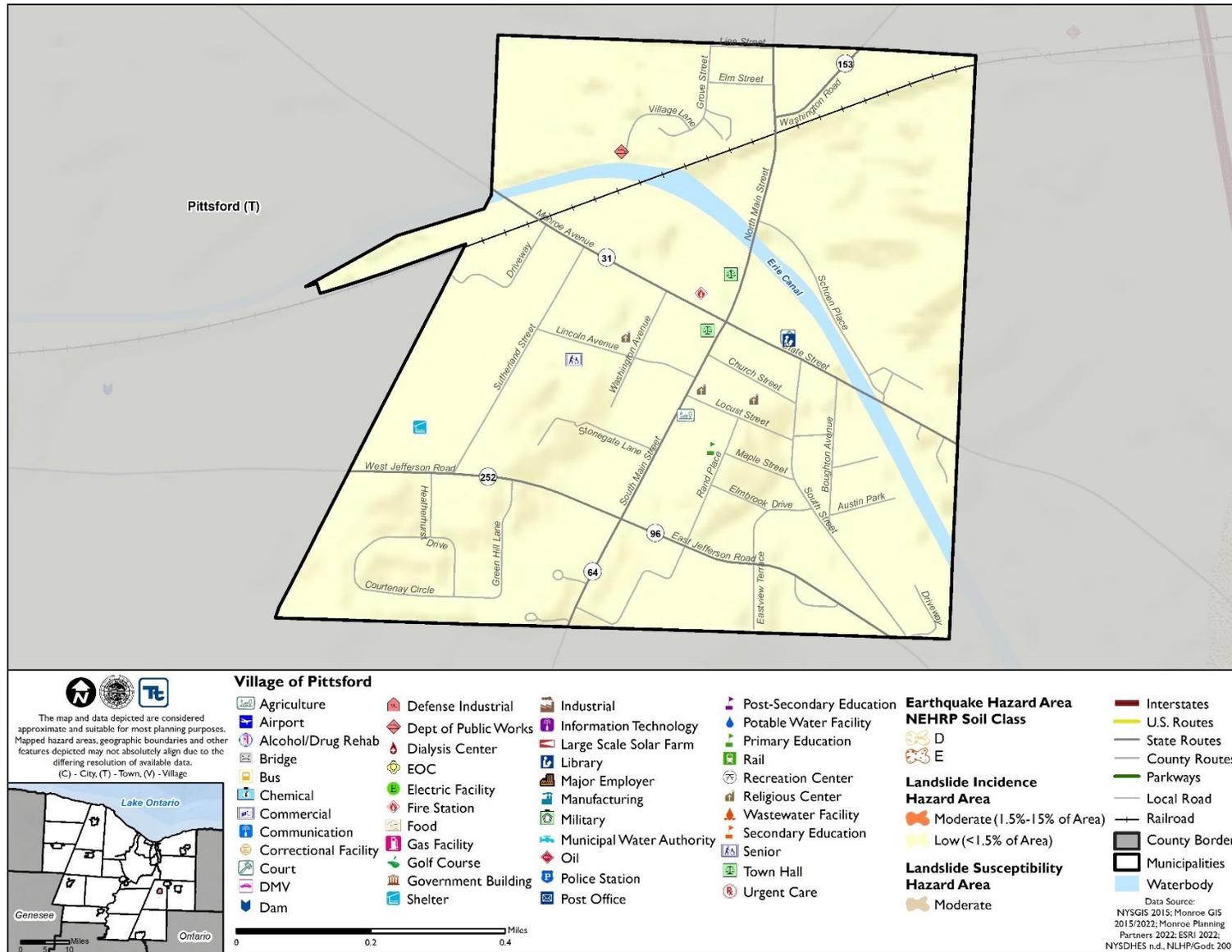




Figure 9.22-2. Village of Pittsford Hazard Area Extent and Location Map 2





Hazard Event History

Monroe County has a history of natural and non-natural hazard events, as detailed in Volume I, Section 5 (Risk Assessment). 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 Village of Pittsford’s history of federally-declared (as presented by FEMA) and significant hazard events [as presented in NOAA-National Centers for Environmental Information (NCEI)] is consistent with that of the County. Table 9.22-15 provides details regarding municipal-specific loss and damages the Village 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.

Table 9.22-15. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
March 8, 2017	High Wind	Yes	Unusually deep low pressure moved from northwest Ontario across Hudson Bay. The low brought strong winds to the entire region with sustained winds up to 49 mph and wind gusts as high as 81 mph. A significant amount of damage resulted with 100,000 without power in Monroe County alone.	Although the County was impacted, the Village did not report damages.
May 2- August 6, 2017	Flooding (DR-4348)	Yes	During the first six months of 2017, more than twice the normal amount of water accumulated on Lake Ontario. The lake reached a record level of 248.95 feet. Flooding began in early May and continued into early fall.	Although the County was impacted, the Village did not report damages.
May-June 2019	Lakeshore Flood	No	Excessive runoff into the Ottawa River Basin in Canada restricted the outlet of Lake Ontario. This combined with above normal precipitation into the Lake Ontario Basin, record levels on the Great Lakes above Lake Ontario, and higher than normal flows into the lake from the Niagara River pushed the lake to well above normal levels.	Although the County was impacted, the Village did not report damages.
October 31, 2019	High Wind and Flooding	No	A deepening area of consolidated low pressure tracked across the region. This system brought record breaking Halloween rains, damaging wind gusts, and a small Lake Ontario seiche	Although the County was impacted, the Village did not report damages.
January 20, 2020 – Present	Covid-19 Pandemic (EM-3434) (DR-4480)	Yes	Between March 1, 2020 and July 20, 2022, Monroe County reported 171,851 confirmed cases of COVID-19, and 1,660 total fatalities.	The Village was subject to closures and masking/social distancing requirements.

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 Volume 1, Section 5 (Risk Assessment) have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Village of Pittsford’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 Volume 1, Section 5 (Risk Assessment). 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; and community capabilities to address the hazard and changing future climate conditions. Mitigation action development uses the inputs from the evaluation to target those hazards with highest level of concern.

As discussed in Volume 1, Section 5.3 (Hazard Ranking), each participating jurisdiction has differing degrees of risk exposure and vulnerability compared with the County as a whole. Therefore, each municipality 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 Village of Pittsford. The Village of Pittsford reviewed the County hazard risk/vulnerability risk ranking table and 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 indicated the following:

- The Village agreed with the calculated hazard rankings.

Table 9.22-16. Hazard Ranking Input

Disease Outbreak	Drought	Earthquake	Extreme Temperature	Flood	Hazardous Materials
Low	Medium	Low	Medium	Low	Low
Infestation and Invasive Species	Landslide	Severe Storm	Severe Winter Storm	Wildfire	
Low	Low	High	High	Low	

Note: The scale is based on the hazard rankings established in Volume 1, Section 5.3 (Hazard Ranking) and modified as appropriate during review by the jurisdiction

Critical Facilities

NYSDEC Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a SFHA unless constructed according to specific mitigation specifications, including being raised 2’ above the Base Flood Elevation (BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, New York State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 0.2-percent annual chance flood event or worst damage scenario. For those that do not meet these criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain and presents Hazus-MH estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.





Table 9.22-17. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
None identified					

Source: FEMA 2008; Monroe County GIS 2022

Identified Issues

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

- The Village Hall does not have back-up power. Severe weather events prevent continuity of operations at the Village Hall.
- Rand Creek has areas that are eroding due to soil and high-water conditions.
- The Village can be impacted by hazards that are not as frequent or do not have the same severity of impact.
- The Village has no locations identified for temporary and permanent housing for displaced residents in the event of a severe hazard.
- The Village has no evacuation or sheltering procedures identified.

9.22.8 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritizes actions to address over the next five years.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2017 HMP. Actions that are in progress are carried forward and combined with new actions as part of this plan update and are included in the tables with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such and previously presented in the ‘Capability Assessment’ earlier in this annex.



Table 9.22-18. 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 (if project status is complete)		<ol style="list-style-type: none"> Next Steps Project to be included in 2023 HMP or Discontinue If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). If discontinue, explain why.
						Cost	Level of Protection	
VPT-1	Install back-up power for the Village Hall. Study feasibility of using permanent generators versus transfer switches.	All Hazards		DPW	No Progress			<ol style="list-style-type: none"> Include in 2023 HMP
VPT-2	Implement an assessment program to monitor and maintain the siphons under the canal.	Utility Failure		Village Board	Ongoing Capability			<ol style="list-style-type: none"> Discontinue Ongoing capability. Monitoring and replacement or relining is completed as needed.
VPT-3	Study feasibility of upgrading the stormwater infrastructure to reduce short-term flooding during routine rains. Conduct a Village-wide drainage analysis.	Flood, Severe Storms	Aging infrastructure	DPW	Ongoing Capability		Several areas have been upgraded/sewer lines relined to avoid future issues	<ol style="list-style-type: none"> Discontinue Ongoing capability. Monitoring and replacement or relining is completed as needed.
VPT-4	Study Rand Creek to determine if erosion control is necessary.	Flood, Severe Storms, Landslide		DPW, Village Board	In Progress			<ol style="list-style-type: none"> Include in 2023 HMP Some areas have been addressed and actions have been taken to prevent further erosion
VPT-5	Conduct public outreach/education to educate the community on stormwater runoff in regards to clean water and stormwater management	Severe Storms, Flood		DPW	Ongoing Capability			<ol style="list-style-type: none"> Discontinue Ongoing capability



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if project status is complete)		<ol style="list-style-type: none"> Next Steps Project to be included in 2023 HMP or Discontinue If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). If discontinue, explain why.
						Cost	Level of Protection	
VPT-6	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect those properties.	Earthquake, Flood, Infestation, Landslide, Wildfire, HazMat		Town Clerk	In Progress			<ol style="list-style-type: none"> Include in 2023 HMP



Additional Mitigation Efforts

In addition to the mitigation initiatives completed in Table 9.22-18, the Village of Pittsford identified the following mitigation efforts completed since the last HMP:

- There was extensive erosion along the canal bank at Schoen place and the canal authority has come in and shored up the area utilizing riprap.

Proposed Hazard Mitigation Initiatives for the HMP Update

The Village of Pittsford participated in a mitigation action workshop in November 2023 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. Both 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.

Table 9.22-19. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Disease Outbreak	X	X	-	-	X	X	-	-	-	X
Drought	X	X	-	-	X	X	-	-	-	X
Earthquake	X	X	-	X	X	X	X	-	-	X
Extreme Temperature	X	X	-	-	X	X	-	-	-	X
Flood	X	X	X	-	X	X	-	X	-	X
Hazardous Materials	X	X	-	X	X	X	X	-	-	X
Infestation and Invasive Species	X	X	-	X	X	X	X	-	-	X
Landslide	X	X	-	X	X	X	X	-	-	X
Severe Storm	X	X	-	-	X	X	-	-	-	X
Severe Winter Storm	X	X	-	-	X	X	-	-	-	X
Wildfire	X	X	-	-	X	X	-	-	-	X

Note: Mitigation categories are described below the Mitigation Initiatives Table (Table 9.22-20).

The table below summarizes the specific mitigation initiatives the Village of Pittsford would like to pursue in the future to reduce the effects of hazards. The 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.



Table 9.22-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2023-Village of Pittsford-001	Village Hall Backup Power	3	Severe Storm, Severe Winter Storm, Extreme Temperature	<p>Problem: The Village Hall does not have back-up power. Severe weather events prevent continuity of operations at the Village Hall.</p> <p>Solution: The Village needs to provide redundant power to critical facilities. Specifically, install back-up power at the Village Hall. The Village will work with the Village Engineer in order to determine measurements and Village DPW will install and maintain the generator.</p>	Yes	None	Within 5 years	Village Engineer, DPW	High	Ensure continuity of operations of critical facility and essential functions during power outages	FMA, CDBG, PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget	High	SIP	ES
2023-Village of Pittsford-002	Erosion Study	3,5	Flood	<p>Problem: Rand Creek has areas that are eroding due to soil and</p>	No	None	Within 1 year	Village DPW, Engineer, Village Board	Staff Time	Erosion control will prevent further	BRIC, PDM, HMGP, Municipal Budget	Medium	NSP	NR





Table 9.22-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				high-water conditions. Solution: The Village will conduct a study to determine if additional erosion control measures are necessary for Rand Creek. The Village will implement cost effective measures.						erosion of the creek				
2023-Village of Pittsford-003	Hazard Outreach	1,4	Earthquake, Landslide, Invasive Species, Hazardous Materials	Problem: The Village can be impacted by hazards that are not as frequent or do not have the same severity of impact. Solution: The Village will expand outreach to include information on lesser known/less frequent hazards of concern.	No	None	1 year	Village Board	Staff time	Increased public awareness of hazards	Municipal budget	High	EAP	PI
2023-Village of	Temporary and	1,3	All Hazards	Problem: The Village has no locations	No	None	5 years	Village Board, County	Low	Residents that require temporary or	HMGP, BRIC, PDM,	High	LPR, SIP	ES, PR





Table 9.22-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
Pittsford-004	Permanent Housing			<p>identified for temporary and permanent housing for displaced residents in the event of a severe hazard</p> <p>Solution: The Village will work with the County to identify or create locations that can be used for temporary and permanent housing.</p>				Emergency Services		permanent housing after a hazard event will have a designated, safe space to relocate to.	FEMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget			
2023-Village of Pittsford-005	Evacuation and Sheltering Plans	1,3	All Hazards	<p>Problem: The Village has no evacuation or sheltering procedures identified.</p> <p>Solution: The Village will work with neighboring municipalities to identify evacuation routes and possible shelters.</p>	Yes	None	Less than 2 years	Village Board, County OEM, Village DPW	Low	Village residents will have safe evacuation route prior to hazard events	HMGP, BRIC, PDM, FEMA, USDA Community Facilities Grant Program, Emergency Management	High	LPR, SIP	ES
2023-Village of Pittsford-006	Substantial Damage Procedures	1, 2, 3	All Hazards	<p>Problem: While major events that result in</p>	No	None	Within 5 years	FPA	Staff time	Meet NFIP requirements, improved	Municipal budget	High	LPR	PP, PR





Table 9.22-20. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				substantial damage of structures are rare, municipalities need to have official procedures in place to inspect structures, make determinations, and provide for appeals. Solution: The municipality will develop official procedures for Substantial Damage and Substantial Improvement determinations.						floodplain administration				

Notes:

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

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- EHP Environmental Planning and Historic Preservation
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- BRIC Building Resilient Infrastructure and Communities Program

Timeline:

The time required for completion of the project upon implementation.

Cost:

The estimated cost for implementation.

Benefits:

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





N/A Not applicable
NFIP National Flood Insurance Program
OEM Office of Emergency Management

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.



The prioritization criteria provided in Volume 1, Section 6 (Mitigation Strategy) identify 14 evaluation/prioritization criteria 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 actions as ‘High’, ‘Medium’, or ‘Low.’ The table below provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.

Table 9.22-21. 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
2023-Village of Pittsford-001	Village Hall Backup Power	1	1	1	1	1	1	0	1	1	1	1	0	0	0	10	High
2023-Village of Pittsford-002	Erosion Study	0	1	1	1	0	0	1	1	0	0	0	1	1	1	8	Medium
2023-Village of Pittsford-003	Hazard Outreach	1	1	1	0	1	1	1	1	1	1	1	1	1	1	13	High
2023-Village of Pittsford-004	Temporary and Permanent Housing	1	0	1	1	1	1	0	0	1	1	1	1	1	1	11	High
2023-Village of Pittsford-005	Evacuation and Sheltering Plans	1	0	1	1	1	1	0	0	1	1	1	1	1	1	11	High
2023-Village of Pittsford-006	Substantial Damage Procedures	0	1	1	1	1	1	1	1	1	1	1	0	1	1	12	High

Note: Volume 1, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).



9.22.9 Action Worksheets

The following action worksheets were developed by the Village of Pittsford to aid in the submittal of grant applications to support the funding of high priority proposed actions.



Action Worksheet			
Project Name:	Village Hall Backup Power		
Project Number:	2023-Village of Pittsford-001		
Risk / Vulnerability			
Hazard(s) of Concern:	Extreme Temperature, Severe Storm, Severe Winter Storm		
Description of the Problem:	The Village Hall does not have back-up power. Severe weather events prevent continuity of operations at the Village Hall.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village needs to provide redundant power to critical facilities. Specifically, install back-up power at the Village Hall. The Village will work with the Village Engineer to determine measurements and Village DPW will install and maintain the generator.		
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 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Ensure continuity of operations of critical facility and essential functions during power outages.
Useful Life:	20 years	Goals Met:	3
Estimated Cost:	High	Mitigation Action Type:	Structure and Infrastructure Projects (SIP)
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	FMA, CDBG, PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Village Engineer, DPW	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Install solar panels	\$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	\$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Village Hall Backup Power	
Project Number:	2023-Village of Pittsford-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of critical facilities
Property Protection	1	Project will protect buildings from power loss.
Cost-Effectiveness	1	
Technical	1	The project is technically feasible
Political	1	
Legal	1	The Village has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Extreme Temperature, Severe Storm, Severe Winter Storm
Timeline	0	Within 5 years
Agency Champion	0	Village Engineer, DPW
Other Community Objectives	0	
Total	10	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Erosion Study		
Project Number:	2023-Village of Pittsford-002		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Rand Creek has areas that are eroding due to soil and high-water conditions.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village will conduct a study to determine if additional erosion control measures are necessary for Red Creek. The Village will implement cost effective measures.		
Is this project related to a Critical Facility?	No	No	
Is this project related to a Critical Facility located within the 100-year floodplain?	No	No	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD by erosion study	Estimated Benefits (losses avoided):	Erosion control will prevent further erosion of the creek
Useful Life:	7-10 years	Goals Met:	3,5
Estimated Cost:	Staff time	Mitigation Action Type:	Natural Systems Protection
Plan for Implementation			
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 1 year
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	BRIC, HMGP, PDM, Municipal budget
Responsible Organization:	Village DPW, Engineer, Village Board	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Remove creek	\$200,000	Creek cannot be removed or filled
	Redirect creek	\$200,000	Costly, may not solve problems
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Erosion Study	
Project Number:	2023-Village of Pittsford-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Study will determine areas of the creek that need control measures
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	1	
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	0	Flood only
Timeline	1	Study will be complete in 1 year
Agency Champion	1	Village DPW, Engineer, Village Board
Other Community Objectives	1	
Total	8	
Priority (High/Med/Low)	Medium	