



## 18. VILLAGE OF LEROY

This jurisdictional annex to the Genesee County Hazard Mitigation Plan (HMP) provides information to assist public and private sectors in the Village of LeRoy with reducing losses from future hazard events. This annex is not guidance of what to do when a disaster occurs; its focus is on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. The annex presents a general overview of LeRoy, describes who participated in the planning process, assesses LeRoy’s risk, vulnerability, and capabilities, and outlines a strategy for achieving a more resilient community.

### 18.1 HAZARD MITIGATION PLANNING TEAM

The Village of LeRoy identified primary and alternate HMP points of contact and developed this plan over the course of several months, with input from many Village departments. The Police Chief represented the community on the Genesee County HMP Planning Partnership and supported the local planning process by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

Table 18-1 summarizes Village officials who participated in the development of the annex and in what capacity. Additional documentation of the Village’s planning activities through Planning Partnership meetings is included in Volume I.

Table 18-1. Hazard Mitigation Planning Team

| Primary Point of Contact  | Alternate Point of Contact  |
|---|---|
| Name/Title: Greg Kellogg, Police Chief<br>Address: 3 West Main Street, LeRoy, NY 14482<br>Phone Number: 585-315-2776<br>Email: gkellogg@leroypolice.org                     | Name/Title: Mike Risewick, Code Enforcement Officer<br>Address: 48 Main Street, LeRoy, NY 14482<br>Phone Number: 585-768-6910, ext.223<br>Email: mrisewick.code@leroyny.org |
| <b>National Flood Insurance Program Floodplain Administrator</b>  |   |
| Name/Title: Mike Risewick, Code Enforcement Officer<br>Address: 48 Main Street, LeRoy, NY 14482<br>Phone Number: 585-768-6910, ext.223<br>Email: mrisewick.code@leroyny.org |   |

### 18.2 COMMUNITY PROFILE

The Village of LeRoy is in the center of the Town of LeRoy in the eastern portion of Genesee County in Western New York State. The Village of LeRoy is located at the intersection of Routes 5 and 19 in the Town of LeRoy. Volume II, Chapter 17 (Town of LeRoy) provides the Town’s individual annex. The Town of LeRoy, in which the Village is surrounded, is bordered by Pavilion to the south, Stafford to the west, Byron to the northwest, Bergen to the north, the County of Monroe to the northeast, and the County of Livingston to the southeast. Oatka Creek flows through the Village. The Village has a total area of 2.7 square miles.

Research has shown that some populations are at greater risk from hazard events because of decreased resources or physical abilities. These populations can be more susceptible to hazard events based on a number of factors including their physical and financial ability to react or respond during a hazard, and the location and construction



quality of their housing. Data from the 2022 American Community Survey indicates that 7.7 percent of the population is 5 years of age or younger, 20.5 percent is 65 years of age or older, 1 percent is non-English speaking, 13.4 percent is below the poverty threshold, and 20.3 percent is considered disabled.

### 18.3 JURISDICTIONAL CAPABILITY ASSESSMENT AND INTEGRATION

LeRoy performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume I describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment for this annex includes analyses of the following:

- Planning and regulatory capabilities
- Development and permitting capabilities
- Administrative and technical capabilities
- Fiscal capabilities
- Education and outreach capabilities
- Classification under various community mitigation programs
- Adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into day-to-day local government operations. As part of the hazard mitigation analysis, planning and /policy documents were reviewed and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. Development of an updated mitigation strategy provided an opportunity for LeRoy to identify opportunities for integrating mitigation concepts into ongoing Village procedures.

#### 18.3.1 Planning and Regulatory Capability and Integration

Table 18-2 summarizes the planning and regulatory tools that are available to LeRoy.

Table 18-2. Planning and Regulatory Capability and Integration

|   | Jurisdiction has this? (Yes/No) | Citation and Date (code chapter or name of plan, date of enactment or plan adoption) | Authority (local, county, state, federal) | Responsible Person, Department or Agency |
|---|---------------------------------|--|---|--|
| <b>CODES, ORDINANCES, &amp; REGULATIONS</b>   |                                 |  |   |  |
| <b>Building Code</b>  | Yes                             | NYS Building Code  | State and Local                           | Zoning CEO                               |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Zoning/Land Use Code</b>   | Yes                             | Chapter 215 – Zoning, 1990   | Local                                     | Zoning CEO                               |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| The purposes of this chapter and zoning districts as outlined on the Zoning Map are to provide for orderly growth and development, to lessen congestion in streets, to secure safety from fire, flood and other dangers, to provide adequate light and air, to prevent overcrowding, to avoid undue concentration of population, to conserve, enhance and perpetuate special historic sites, places and buildings, to facilitate the adequate provision of transportation, sewer, sewerage, schools, parks and other public requirements, and to promote the health, safety, morals or general welfare of the public. |                                 |  |   |  |



|                         | Jurisdiction has this? (Yes/No) | Citation and Date (code chapter or name of plan, date of enactment or plan adoption) | Authority (local, county, state, federal) | Responsible Person, Department or Agency |
|-------------------------|---------------------------------|--|---|--|
| <b>Subdivision Code</b> | Yes                             | Chapter 180 – Subdivision of Land, 1993  | Local                                     | Zoning CEO                               |

How has or will this be integrated with the HMP and how does this reduce risk?

These regulations are adopted for the purpose of providing for the future growth and development of the village and affording adequate facilities for the housing, transportation, distribution, comfort, convenience, safety, health and welfare of its population and to establish rules for the processing, design and construction of subdivisions.

|                       |     |   |       |                |
|-----------------------|-----|---|-------|----------------|
| <b>Site Plan Code</b> | Yes | Chapter 215 – Zoning, Article IV – Site Plan Review, 1990 | Local | Planning Board |
|-----------------------|-----|---|-------|----------------|

How has or will this be integrated with the HMP and how does this reduce risk?

Site plan review shall be required of all uses, excluding agricultural uses, single- and two-family dwellings. Accessory buildings for these three uses are also exempt from site plan review; however, home occupations are not. The Planning Board, at a regular meeting, shall review and approve, approve with modification or disapprove a site plan in connection with any matter requiring submission of a site plan.

|                                   |    |   |   |   |
|-----------------------------------|----|---|---|---|
| <b>Stormwater Management Code</b> | No | - | - | - |
|-----------------------------------|----|---|---|---|

How has or will this be integrated with the HMP and how does this reduce risk?

|  |    |   |   |   |
|--|----|---|---|---|
| <b>Post-Disaster Recovery/ Reconstruction Code</b> | No | - | - | - |
|--|----|---|---|---|

How has or will this be integrated with the HMP and how does this reduce risk?

|  |     |  |       |  |
|--|-----|--|-------|--|
| <b>Real Estate Disclosure Requirements</b> | Yes | Property Condition Disclosure Act, NY Code - Article 14 §460-467 | State | NYS Department of State, Real Estate Agent |
|--|-----|--|-------|--|

How has or will this be integrated with the HMP and how does this reduce risk?

In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.

|                          |    |   |   |   |
|--------------------------|----|---|---|---|
| <b>Growth Management</b> | No | - | - | - |
|--------------------------|----|---|---|---|

How has or will this be integrated with the HMP and how does this reduce risk?

|  |    |   |   |   |
|--|----|---|---|---|
| <b>Environmental Protection Ordinance(s)</b> | No | - | - | - |
|--|----|---|---|---|

How has or will this be integrated with the HMP and how does this reduce risk?

|  |     |   |                                  |     |
|--|-----|---|----------------------------------|-----|
| <b>Flood Damage Prevention Ordinance</b> | Yes | Chapter 112 – Flood Damage Prevention, 1993 | Federal, State, County and Local | CEO |
|--|-----|---|----------------------------------|-----|

How has or will this be integrated with the HMP and how does this reduce risk?

Promotes public health, safety, and general welfare, and to minimize public and private losses due to flood conditions in specific areas.

- A. Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities.
- B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.
- C. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters.
- D. Control filling, grading, dredging and other development which may increase erosion or flood damages.



|   | Jurisdiction has this? (Yes/No) | Citation and Date (code chapter or name of plan, date of enactment or plan adoption) | Authority (local, county, state, federal) | Responsible Person, Department or Agency |
|---|---------------------------------|--|---|--|
| <p>E. Regulate the construction of flood barriers which will unnaturally divert floodwaters, or which may increase flood hazards to other lands.</p> <p>F. Qualify for and maintain participation in the National Flood Insurance Program.</p>  |                                 |  |   |  |
| <b>Wellhead Protection</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Emergency Management Ordinance</b>   | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Climate Change Ordinance</b>   | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Other</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>PLANNING DOCUMENTS</b>   |                                 |  |   |  |
| <b>General/Comprehensive Plan</b>   | Yes                             | Comprehensive Plan, 2001   | Local                                     | Planning Board                           |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| The Comprehensive Plan provides an overall framework for future public and private investment in the community. This investment can take many forms, including, but not limited to, a community's financial, civic, and creative resources. In LeRoy, it is this collective investment by our residents, businesses, churches, and our local government that will shape our physical, social, and economic character. This Comprehensive Plan articulates an overall vision for the community and the means to achieve that vision. |                                 |  |   |  |
| <b>Capital Improvement Plan</b>   | Yes                             | Annual Budget  | Local                                     | Village Board                            |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| Various Village departments submit projects to be completed to the Village Board annually for review and potential allocation of funds.   |                                 |  |   |  |
| <b>Disaster Debris Management Plan</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Floodplain Management or Watershed Plan</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Stormwater Management Plan</b>   | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Open Space Plan</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |
| <b>Urban Water Management Plan</b>  | No                              | -  | -   | -  |
| How has or will this be integrated with the HMP and how does this reduce risk?  |                                 |  |   |  |



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

**RESPONSE/RECOVERY PLANNING**

|  |     |   |       |        |
|--|-----|---|-------|--------|
| <b>Comprehensive Emergency Management Plan</b><br>How has or will this be integrated with the HMP and how does this reduce risk?<br>The CEMP defines the scope of preparedness and emergency management activities necessary. This document assigns responsibility to organizations and individuals for carrying out specific actions that exceed routine responsibility at projected times and places during an emergency; sets lines of authority and organizational relationships and shows how all actions will be coordinated; identifies how people and property are protected; and identifies personnel, equipment, facilities, supplies, and other resources available within the jurisdiction or by agreement with other jurisdictions. | Yes | Village of Le Roy Comprehensive Emergency Management Plan | Local | Police |
|--|-----|---|-------|--------|



|   | Jurisdiction has this? (Yes/No) | Citation and Date (code chapter or name of plan, date of enactment or plan adoption) | Authority (local, county, state, federal) | Responsible Person, Department or Agency |
|---|---------------------------------|--|---|--|
| <b>Continuity of Operations Plan</b><br>How has or will this be integrated with the HMP and how does this reduce risk?<br>The purpose of the Continuity of Operations (COOP) plan is to establish policy and guidance to ensure that essential functions for an agency are continued in the event that manmade, natural, or technological emergencies disrupt or threaten to disrupt normal operations. | Yes                             | Village of Le Roy Comprehensive Emergency Management Plan                            | Local                                     | Police                                   |
| <b>Substantial Damage Response Plan</b><br>How has or will this be integrated with the HMP and how does this reduce risk?   | No                              | -  | -   | -  |
| <b>Threat and Hazard Identification and Risk Assessment</b><br>How has or will this be integrated with the HMP and how does this reduce risk?   | No                              | -  | -   | -  |
| <b>Post-Disaster Recovery Plan</b><br>How has or will this be integrated with the HMP and how does this reduce risk?  | No                              | -  | -   | -  |
| <b>Public Health Plan</b><br>How has or will this be integrated with the HMP and how does this reduce risk?   | No                              | -  | -   | -  |
| <b>Other</b><br>How has or will this be integrated with the HMP and how does this reduce risk?  | No                              | -  | -   | -  |

### 18.3.2 Development and Permitting Capability

Table 18-3 summarizes the capabilities of LeRoy to oversee and track development.

Table 18-3. Development and Permitting Capability

|   | Yes/No | Comment                    |
|---|--------|----------------------------|
| Do you issue development permits?<br><ul style="list-style-type: none"> <li>If you issue development permits, what department is responsible?</li> <li>If you do not issue development permits, what is your process for tracking new development?</li> </ul> | No     | Code Enforcement           |
| Are permits tracked by hazard area? (For example, floodplain development permits.)  | Yes    | Floodplain                 |
| Do you have a buildable land inventory?<br><ul style="list-style-type: none"> <li>If you have a buildable land inventory, please describe</li> </ul>  | No     | -                          |
| Describe the level of buildout in your jurisdiction.  | N/A    | Village is well developed. |



### 18.3.3 Administrative and Technical Capability

Table 18-4 summarizes potential staff and personnel resources available to LeRoy and their current responsibilities that contribute to hazard mitigation.

Table 18-4. Administrative and Technical Capabilities

| Resources   | Available?<br>(Yes/No) | Comment<br>(available staff, responsibilities, support of hazard mitigation)  |
|---|------------------------|---|
| <b>ADMINISTRATIVE CAPABILITY</b>  |                        |   |
| Planning Board  | Yes                    | The Planning Board conducts site plan reviews, reviews use variances, and grants permits for temporary uses and structures.   |
| Zoning Board of Adjustment  | Yes                    | The Zoning Board of Appeals shall hear and decide appeals from and review any order, requirement, decision, interpretation or determination made by the Code Enforcement Officer. |
| Planning Department   | No                     | -   |
| Mitigation Planning Committee   | No                     | -   |
| Environmental Board/Commission  | No                     | -   |
| Open Space Board/Committee  | No                     | -   |
| Economic Development Commission/Committee   | No                     | -   |
| Public Works/Highway Department   | No                     | -   |
| Construction/Building/Code Enforcement Department   | Yes                    | Code Enforcement is responsible for the enforcement of the Village local laws and codes, issuing of permits, and conducting inspections.  |
| Emergency Management/Public Safety Department   | No                     | -   |
| Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)   | No                     | -   |
| Mutual aid agreements   | Yes                    | Police and Fire   |
| 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                     | -   |
| <b>TECHNICAL/STAFFING CAPABILITY</b>  |                        |   |
| Planners or engineers with knowledge of land development and land management practices  | Yes                    | Consultant services   |
| Engineers or professionals trained in building or infrastructure construction practices   | Yes                    | Consultant services   |
| Planners or engineers with an understanding of natural hazards  | Yes                    | Consultant services   |



| Resources   | Available? (Yes/No) | Comment (available staff, responsibilities, support of hazard mitigation) |
|---|---------------------|---|
| Staff with expertise or training in benefit/cost analysis                       | No                  | -   |
| Professionals trained in conducting damage assessments                          | Yes                 | Engineering/Code Enforcement  |
| Personnel skilled or trained in GIS and/or Hazus applications                   | No                  | -   |
| Staff that work with socially vulnerable populations or underserved communities | No                  | -   |
| Environmental scientists familiar with natural hazards                          | No                  | -   |
| Surveyors   | No                  | -   |
| Emergency manager   | No                  | -   |
| Grant writers   | Yes                 | Consultant services   |
| Resilience Officer  | No                  | -   |
| Other (this could include stormwater engineer, environmental specialist, etc.)  | No                  | -   |

### 18.3.4 Fiscal Capability

Table 18-5 summarizes financial resources available to LeRoy.

Table 18-5. Fiscal Capabilities

| Financial Resources   | Accessible or Eligible to Use? (Yes/No) |
|---|---|
| Community Development Block Grants (CDBG, CDBG-DR)                          | Yes                                     |
| Capital improvement project funding   | Yes                                     |
| Authority to levy taxes for specific purposes                               | Yes                                     |
| User fees for water, sewer, gas, or electric service                        | Yes                                     |
| Impact fees for homebuyers or developers of new development/homes           | No                                      |
| Stormwater utility fee  | No                                      |
| Incur debt through general obligation bonds                                 | No                                      |
| Incur debt through special tax bonds  | Yes                                     |
| Incur debt through private activity bonds                                   | Yes                                     |
| 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                                      |

### 18.3.5 Education and Outreach Capability

Table 18-6 summarizes the education and outreach resources available to LeRoy.



Table 18-6. Education and Outreach Capabilities

| Outreach Resources   | Available? (Yes/No) | Comment                       |
|--|---------------------|-------------------------------|
| Public information officer or communications office  | No                  | -                             |
| Personnel skilled or trained in website development  | Yes                 | Contracted                    |
| 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  | Yes                 | Performed by school districts |
| Organizations that conduct outreach to socially vulnerable populations and underserved populations                                   | No                  | -                             |
| Public outreach mechanisms / programs to inform citizens on natural hazards, risk, and ways to protect themselves during such events | No                  | -                             |

### 18.3.6 Community Classifications

Table 18-7 summarizes classifications for community programs available to LeRoy.

Table 18-7. Community Classifications

| Program   | Participating? (Yes/No) | Classification | Date Classified |
|---|-------------------------|----------------|-----------------|
| Community Rating System (CRS)   | No                      | -              | -               |
| Building Code Effectiveness Grading Schedule (BCEGS)                        | No                      | -              | -               |
| Public Protection (ISO Fire Protection Classes 1 to 10)                     | Yes                     | 4              | -               |
| National Weather Service StormReady Certification                           | No                      | -              | -               |
| Firewise Communities classification   | No                      | -              | -               |
| New York State Climate Smart Communities                                    | No                      | -              | -               |
| Other: Organizations with mitigation focus (advocacy group, non-government) | No                      | -              | -               |

N/A = Not applicable

— = Unavailable

### 18.3.7 Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2022). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. Table 18-8 summarizes the adaptive capacity for each identified hazard of concern and the Village’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.



- Weak: Capacity does not exist or could use substantial improvement

Table 18-8. Adaptive Capacity

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

## 18.4 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the National Flood Insurance Program (NFIP). The floodplain administrator listed in Table 18-1 is responsible for maintaining this information.

### 18.4.1 NFIP Statistics

Table 18-9 summarizes the NFIP policy and claim statistics for LeRoy.

Table 18-9. LeRoy NFIP Summary of Policy and Claim Statistics

|                                     |     |
|-------------------------------------|-----|
| # of Losses                         | 0   |
| # Claims Paid                       | 0   |
| Total Net Payment                   | \$0 |
| # Repetitive Loss Properties        | 0   |
| # Severe Repetitive Loss Properties | 0   |

*NFIP Definition of Repetitive Loss: The NFIP defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period since 1978.*

*FMA Definition of Repetitive Loss: FEMA’s Flood Mitigation Assistance (FMA) program defines a repetitive loss property as any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.*



*Definition of Severe Repetitive Loss: A residential property covered under an NFIP flood insurance policy and: (a) That has at least four NFIP claim payments over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or (b) For which at least two separate claims payments have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building. At least two of the claims must have occurred within any 10-year period, more than 10 days apart.*

Source: FEMA 2025

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

## 18.4.2 Flood Vulnerability Summary

Table 18-10 provides a summary of the NFIP program in LeRoy.

Table 18-10. NFIP Summary

| NFIP Topic  | Comments   |
|---|--|
| <b>Flood Vulnerability Summary</b>  |  |
| Describe areas prone to flooding in your jurisdiction.  | Areas around Oatka Creek and Mud Creek (Airport Area)  |
| Do you maintain a list of properties that have been damaged by flooding?  | No   |
| Do you maintain a list of property owners interested in flood mitigation?   | No   |
| How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)?   | Unknown  |
| Are any RiskMAP projects currently underway in your jurisdiction?<br>If so, state what projects are underway.   | No   |
| How do you make Substantial Damage determinations?  | In the event that a major flood occurred, the Village would look to conduct substantial damage determinations by requesting assistance from the state's CEDAR program (Code Enforcement Disaster Assistance Response). |
| How many Substantial Damage determinations were declared for recent flood events in your jurisdiction?  | None   |
| How many properties have been mitigated (elevation or acquisition) in your jurisdiction?<br>If there are mitigation properties, how were the projects funded? | None   |
| Do your flood hazard maps adequately address the flood risk within your jurisdiction?<br>If not, state why.   | Yes  |
| <b>NFIP Compliance</b>  |  |
| What local department is responsible for floodplain management?   | Code Enforcement   |
| Are any certified floodplain managers on staff in your jurisdiction?  | No   |
| Do you have access to resources to determine possible future flooding conditions from climate change?   | No   |



| NFIP Topic   | Comments  |
|--|---|
| 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?   | Work with local DEC office for Flood Matters                |
| Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)   | All permits are reviewed by third party for code compliance |
| How do you determine if proposed development on an existing structure would qualify as a substantial improvement?  | Flood Maps  |
| What are the barriers to running an effective NFIP program in the community, if any?   | Experience  |
| Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, state the violations.   | No  |
| When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?   | CAC: March 17, 1993<br>CAV: September 23, 2014              |
| What is the local law number or municipal code of your flood damage prevention ordinance?  | Chapter 112 – Flood Damage Prevention                       |
| What is the date that your flood damage prevention ordinance was last amended?   | January 13, 1998  |
| Does your floodplain management program meet or exceed minimum requirements? If exceeds, in what ways?   | Meets   |
| Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions? | Third Party Review  |
| Does your community plan to join the CRS program or is your community interested in improving your CRS classification?   | No  |

## 18.5 GROWTH/DEVELOPMENT TRENDS

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to appreciating a jurisdiction’s overall risk to its hazards of concern. Recent and expected future development trends, including major residential/commercial development and major infrastructure development, are summarized in Table 18-11 through Table 18-13.

Table 18-11. Number of Building Permits for New Construction Issued Since the Previous HMP

|                     | New Construction Permits Issued |              |                                     |       |
|---------------------|---------------------------------|--------------|-------------------------------------|-------|
|                     | Single Family                   | Multi-Family | Other (commercial, mixed-use, etc.) | Total |
| <b>2016</b>         |                                 |              |                                     |       |
| Total Permits       | -                               | -            | -                                   | -     |
| Permits within SFHA | -                               | -            | -                                   | -     |
| <b>2017</b>         |                                 |              |                                     |       |
| Total Permits       | -                               | -            | -                                   | -     |
| Permits within SFHA | -                               | -            | -                                   | -     |



|                     | New Construction Permits Issued |              |                                     |       |
|---------------------|---------------------------------|--------------|-------------------------------------|-------|
|                     | Single Family                   | Multi-Family | Other (commercial, mixed-use, etc.) | Total |
| <b>2018</b>         |                                 |              |                                     |       |
| Total Permits       | -                               | -            | -                                   | -     |
| Permits within SFHA | -                               | -            | -                                   | -     |
| <b>2019</b>         |                                 |              |                                     |       |
| Total Permits       | 5                               | 0            | 1                                   | 6     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |
| <b>2020</b>         |                                 |              |                                     |       |
| Total Permits       | 5                               | 0            | 0                                   | 5     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |
| <b>2021</b>         |                                 |              |                                     |       |
| Total Permits       | 4                               | 0            | 0                                   | 4     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |
| <b>2022</b>         |                                 |              |                                     |       |
| Total Permits       | 1                               | 0            | 1                                   | 2     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |
| <b>2023</b>         |                                 |              |                                     |       |
| Total Permits       | 1                               | 0            | 0                                   | 1     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |
| <b>2024</b>         |                                 |              |                                     |       |
| Total Permits       | 1                               | 0            | 0                                   | 1     |
| Permits within SFHA | 0                               | 0            | 0                                   | 0     |

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

Table 18-12. Recent Major Development and Infrastructure from 2016 to Present

| Property or Development Name | Type of Development | # of Units / Structures | Location (address and/or block and lot) | Known Hazard Zones* | Description / Status of Development |
|------------------------------|---------------------|-------------------------|---|---------------------|-------------------------------------|
| 143 Lake Street              | Residential         | 20                      | 143 Lake Street                         | None                | Patio Homes 75 percent Complete     |

\* Only location-specific hazard zones or vulnerabilities identified.

Table 18-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years

| Property or Development Name   | Type of Development | # of Units / Structures | Location (address and/or block and lot) | Known Hazard Zones* | Description / Status of Development |
|--|---------------------|-------------------------|---|---------------------|-------------------------------------|
| The Village did not identify any known or anticipated major development and infrastructure in the next five years. |                     |                         |   |                     |                                     |



## 18.6 JURISDICTIONAL RISK ASSESSMENT

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

### 18.6.1 Hazard Area

Hazard area maps provided below illustrate the probable hazard areas impacted within the Village are shown in Figure 18-1 through Figure 18-2. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps are provided only for hazards that can be identified clearly using mapping techniques and technologies and for which LeRoy has significant exposure. The maps show the location of potential new development, where available.



Figure 18-1. LeRoy Hazard Area Extent and Location Map 1

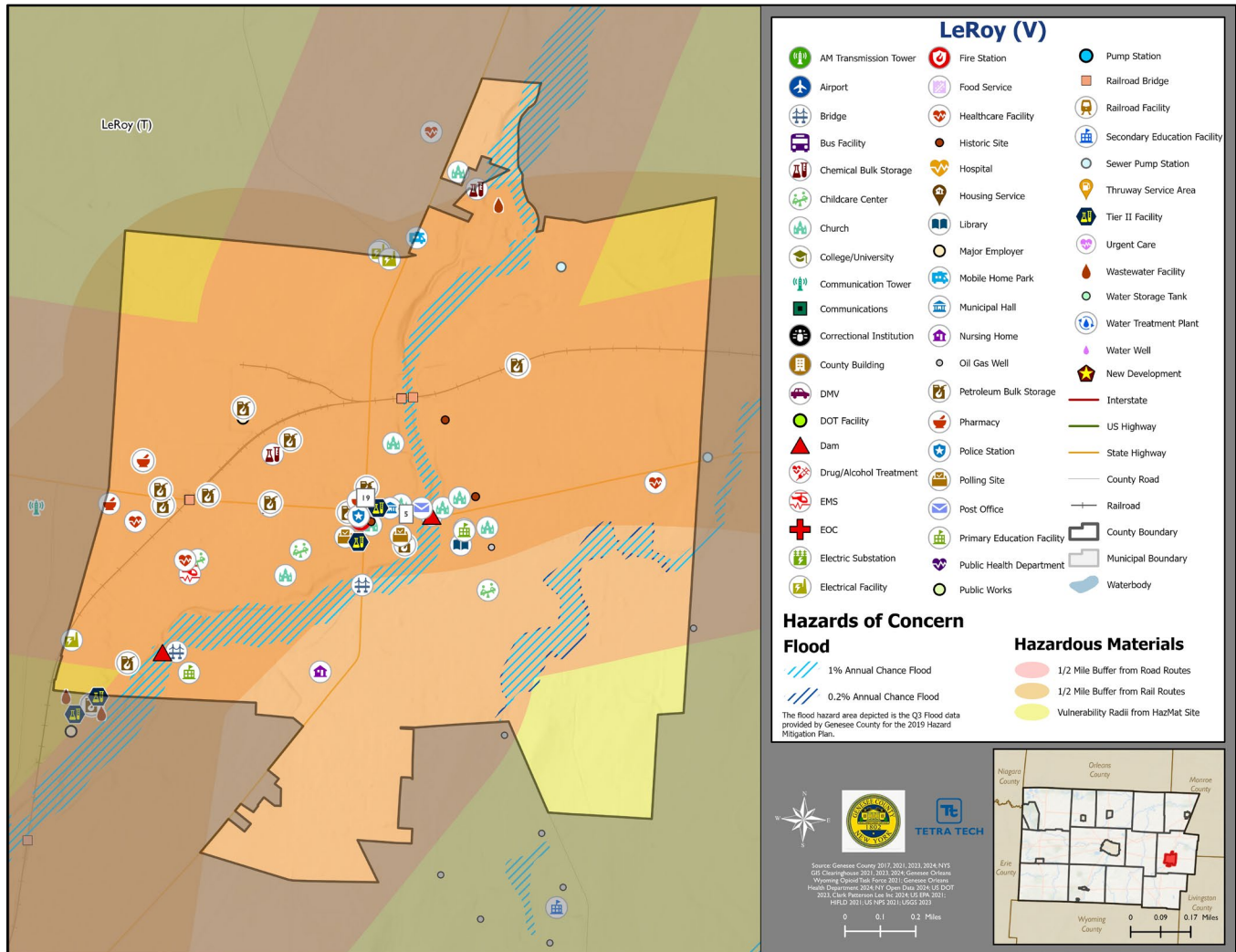
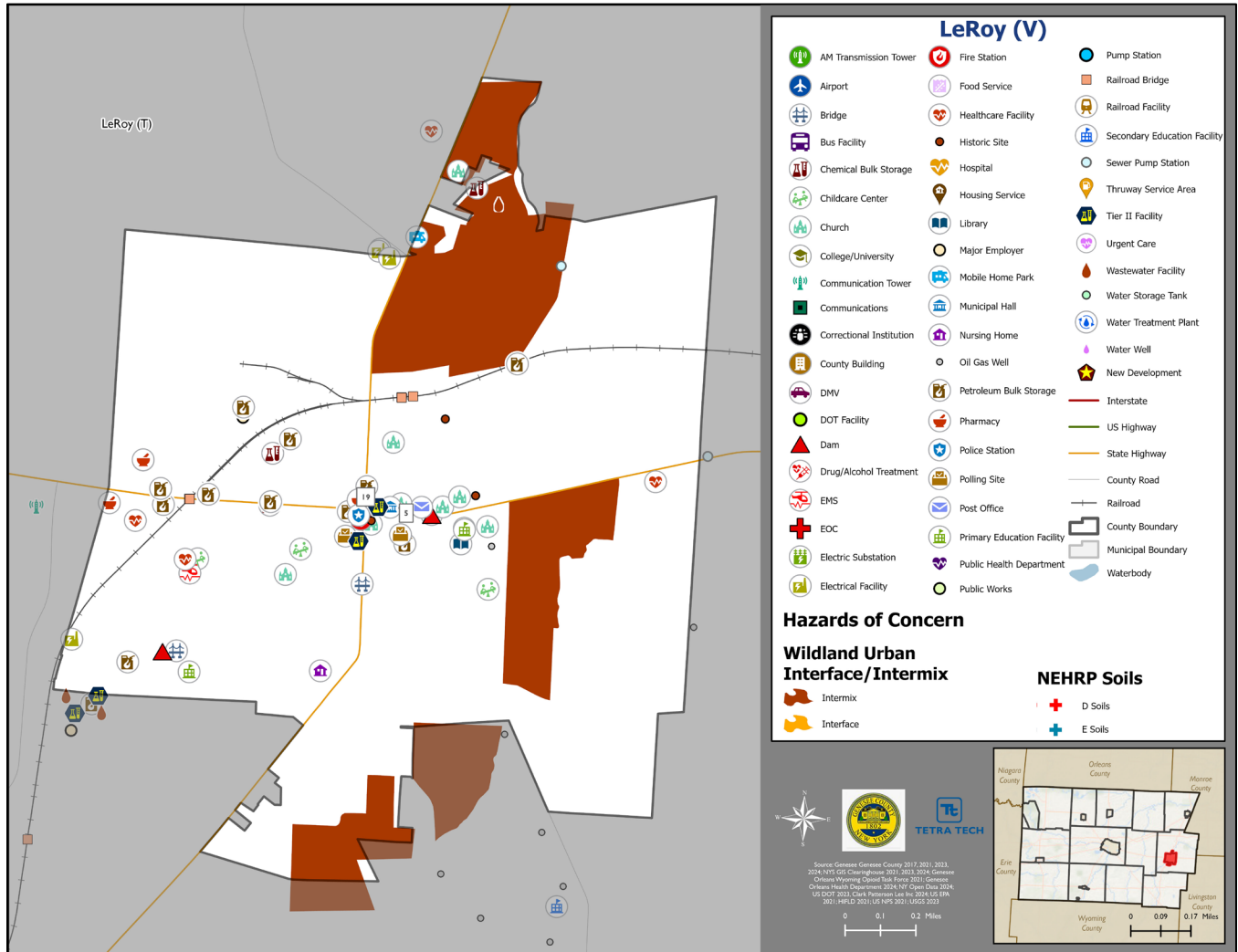




Figure 18-2. LeRoy Hazard Area Extent and Location Map 2





### 18.6.2 Hazard Event History

The history of natural and non-natural hazard events in LeRoy is detailed in Volume I, where each hazard profile includes a chronology of historical events that have affected the County and its municipalities. Table 18-14 provides details on loss and damage in LeRoy during hazard events since the last hazard mitigation plan update.

Table 18-14. Hazard Event History in LeRoy

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



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

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

### 18.6.3 Hazard Ranking and Vulnerabilities

The hazard profiles in Volume I have detailed information regarding each planning partner’s vulnerability to the identified hazards. The following presents key risk assessment results for LeRoy.

#### Hazard Ranking

The participating jurisdictions have differing degrees of vulnerability to the hazards of concern, so each jurisdiction ranked its own degree of risk to each hazard. The community-specific hazard ranking is based on problems and impacts identified by the risk assessment presented in Volume I. The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; community capabilities to address the hazard; and changing future climate conditions. LeRoy reviewed the County hazard ranking and individual results to assess the relative risk of the hazards of concern to the community. During the review of the hazard ranking, the Village indicated the following:

- The Village decreased its Civil Unrest hazard ranking from ‘Low’ to ‘No Risk’ as it does not have a large population or sites which an event would be likely to occur.
- The Village decreased its Drought hazard ranking from ‘Medium’ to ‘Low’ as there is minimal agricultural lands and a small population which would have the potential to be impacted from an event.
- The Village has decreased its Earthquake hazard ranking from ‘Low’ to ‘No Risk’ as there are minimal NEHRP soils in the jurisdiction and based on the lack of historical events.
- The Village decreased its Terrorism hazard ranking from ‘Low’ to ‘No Risk’ as it does not have locations likely to be targeted for such an event to occur.
- The Village decreased its Transportation Accidents hazard ranking from ‘High’ to ‘Medium’ as there are two major roads and one railway which traverse through the jurisdiction.



Table 18-15 shows LeRoy’s final hazard rankings for identified hazards of concern. Mitigation action development uses the ranking to target hazards with the highest risk.

Table 18-15. Hazard Ranking

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

Note: The scale is based on the hazard rankings established in Volume I, modified as appropriate based on review by the jurisdiction

### Critical Facilities

Table 18-16 identifies critical facilities in the community located in the 1 percent and 0.2 percent annual chance floodplains.

Table 18-16. Critical Facilities Flood Vulnerability

| Name              | Type        | Vulnerability |            | Addressed by Proposed Action | Already Protected to 0.2% Flood Level (describe protections) |
|-------------------|-------------|---------------|------------|------------------------------|--|
|                   |             | 1% Event      | 0.2% Event |                              |  |
| LeRoy Post Office | Post Office | X             | X          | 2025-LeRoyV-01               | -  |
| Oatka Creek       | Bridge      | X             | X          | 2025-LeRoyV-02               | -  |
| Oatka Creek       | Bridge      | X             | X          | 2025-LeRoyV-02               | -  |
| Oatka Creek       | Bridge      | X             | X          | 2025-LeRoyV-02               | -  |
| Oatka Creek Dam   | Dam         | X             | X          | 2025-LeRoyV-03               | -  |

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



## 18.6.4 Identified Issues

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

- Critical facilities need to be protected to the 500-year flood level. The LeRoy Post Office is located in the Village and identified to be in the flood hazard area.
- Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The Oatka Creek Bridges in the jurisdiction should be evaluated to determine useability and to identify potential solutions, as necessary.
- The Village has one low-hazard dam and one intermediate-hazard dam within its jurisdiction. Despite not being high-hazard potential dams, these structures have the potential to impact the people, property, infrastructure, and environment nearby.
- The area surrounding Oatka Creek and Mud Creek are prone to flooding, impacting nearby roads and properties. Oatka Creek and Mud Creek may have bank erosion issues, threatening encroachment onto nearby roads. Creek banks become eroded due to heavy rains from severe storms, degradation from flood waters and compacted snow and ice from severe winter storms. Stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements, should be considered to prevent flooding. Additional flood mitigation measures may also be considered.
- Critical facilities require backup power to ensure continuity of operations. Wolcott Street School, (located at 2-6 Trigon Park, Leroy, NY 14482), currently has a generator that is insufficient to utilize the facility as a designated shelter, only powering the emergency hallway lighting and some of the cafeteria. In order to utilize the facility to its full capacity, a larger capacity generator must be installed to ensure continuity of operations at the facility in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations.
- Flood prone roads not only interrupt the movement of persons and goods but can lead to isolation issues where first responders are unable to reach their destination and cause evacuation routes to be inaccessible. Flooded roadways may be caused by debris in culverts from severe storms and severe winter storms. Wolcott Street may benefit from flood mitigation strategies, such as the elevation of the roadways or the hardening of the infrastructure surrounding them to reduce the likelihood of flooding.
- The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.
- Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.
- The Village faces risk from epidemic but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.
- The Village may be impacted by drought, as potable water wells could become depleted by unnecessary use. Drought puts a strain on agriculture, recreational use, and daily use of water. The Village does not



have a water conservation ordinance to encourage and support water conservation efforts. Extreme temperatures may enhance the impacts of drought by causing the rapid evaporation of moisture from potable wells and floral and fauna.

- The Village faces risk from wildfires but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.
- The Village has two major roads which traverse through the jurisdiction, NYS Routes 5 and 19. Transportation accidents are apt to occur on this roadway more than local roads. Further, hazardous materials may be transported on the major roadway.
- Utility interruptions and power outages are frequently caused by the high winds, heavy rains, and snow and ice accumulations associated with severe storms and severe winter storms. Utility interruptions occur frequently within the Village, impacting the livelihoods of many residents from the lack of electrical power, limiting the ability to have a climate-controlled environment, access to telephones or internet, and potentially causing life-threatening conditions to those who rely on electrical-power life support equipment.

## 18.7 MITIGATION STRATEGY AND PRIORITIZATION

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This section discusses the status of mitigation actions from the previous HMP, describes proposed hazard mitigation actions, and prioritizes actions to address over the next five years.

### 18.7.1 Past Mitigation Action Status

Table 18-17 indicates progress on the Village's mitigation strategy identified in the 2019 HMP. Actions that are still recommended but not completed or that are in progress are carried forward and combined with new actions as part of the mitigation strategy for this plan update. Previous actions that are now ongoing programs and capabilities are indicated as such and are presented in the capability assessment earlier in this annex.

### 18.7.2 Additional Mitigation Efforts

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



Table 18-17. Status of Previous Mitigation Actions

| Project Number | Project Name  | Responsible Party               | Brief Summary of the Original Problem and the Solution (Project)   | Action Review<br>1. Status (In Progress, Ongoing Capability, No Progress, Complete)<br>2. Provide a narrative to describe progress or obstacles that have prevented implementation | Next Steps<br>1. Project to be included in the 2025 HMP or Discontinue<br>2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate).<br>3. If discontinue, explain why. |
|----------------|---|---------------------------------|--|--|--|
| V. Le Roy-1    | Generator for Wolcott Street School.  | LeRoy CSD Facilities Department | 2-6 Trigon Park Leroy NY 14482 Wolcott St. school (elementary school) in the village of Leroy generator is insufficient to handle a power outage during an incident. It presently only handles the emergency hallway lighting and some of the cafeteria. The school is designated as shelter and has insufficient backup generator during past power outages. The generator does not power the whole facility this was even more apparent during the last power outage at the end of June in 2018. | 1. No Progress<br>2. Financial constraints   | 1. Include<br>2. Not applicable<br>3. Not applicable   |
| V. Le Roy-2    | Wolcott Street Stormwater upgrades  | Highway Department              | The roadway is impacted by stormwater flooding during heavy rain events. Flooding on the road has led to flooding concerns for several houses as flooding has spilled onto properties and flooded basements.   | 1. No Progress<br>2. Financial constraints   | 1. Include<br>2. Not applicable<br>3. Not applicable   |
| V. Le Roy-3    | Develop and distribute brochures, fact sheets and web-based information related to hazard events. | Police Chief                    | Public needs to be better educated about hazards.  | 1. No Progress<br>2. Village prioritized other projects  | 1. Include<br>2. Select specific hazards which the public should be educated on<br>3. Not applicable   |



| Project Number          | Project Name   | Responsible Party        | Brief Summary of the Original Problem and the Solution (Project)  | Action Review<br>1. Status (In Progress, Ongoing Capability, No Progress, Complete)<br>2. Provide a narrative to describe progress or obstacles that have prevented implementation | Next Steps<br>1. Project to be included in the 2025 HMP or Discontinue<br>2. If including action in the 2025 HMP, revise/reword to be more specific (as appropriate).<br>3. If discontinue, explain why. |
|-------------------------|--|--------------------------|---|--|--|
| V. Le Roy-4 (former 37) | Encourage the construction of underground utilities and the retrofitting of above ground utilities to underground. Develop a strategy to incrementally bury utilities in existing development on a schedule. | Codes Department         | Utility lines are prone to interruption due to being exposed to wind and ice  | 1. No Progress<br>2. No jurisdiction over national grid requiring line placement. Village recommends that the line be buried where feasible.                                       | 1. Include<br>2. Not applicable<br>3. Not applicable   |
| V. Le Roy-5             | Encourage the Le Roy Post Office to protect to the 500-year flood level  | Floodplain administrator | The facility is in the 100-year floodplain. The village does not have jurisdiction over the facility and cannot mitigate themselves | 1. No Progress<br>2. Village prioritized other projects  | 1. Include<br>2. Not applicable<br>3. Not applicable   |
| V. Le Roy-6             | Update flood damage prevention ordinance to include freeboard  | Floodplain administrator | The village's flood damage prevention ordinance needs to be updated to include the 2' freeboard requirement                         | 1. No Progress<br>2. Village prioritized other projects  | 1. Include<br>2. Not applicable<br>3. Not applicable   |
| V. Le Roy-7             | Training for Floodplain Administrator  | Floodplain administrator | The Village's Floodplain Administrator requires training.   | 1. No Progress<br>2. Village prioritized other projects  | 1. Include<br>2. Not applicable<br>3. Not applicable   |



### 18.7.3 Proposed Hazard Mitigation Actions for the HMP Update

LeRoy participated in the mitigation strategy workshop for this HMP to identify appropriate actions to include in a local hazard mitigation strategy. Its comprehensive consideration of all possible activities to address hazards of concern included review of the following FEMA documents:

- FEMA 551 “Selecting Appropriate Mitigation Measures for Floodprone Structures” (March 2007)
- FEMA “Mitigation Ideas—A Resource for Reducing Risk to Natural Hazards” (January 2013).

The action worksheets included at the end of this annex list the mitigation actions that LeRoy would like to pursue in the future to reduce the effects of hazards. The actions are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in Village priorities.

Table 18-18 indicates the range of proposed mitigation action categories. The four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide range of activities and mitigation measures selected.

Volume I identifies 14 evaluation criteria for prioritizing the mitigation actions. To assist with rating each mitigation action as high, medium, or low priority, a numeric rank is assigned (-1, 0, or 1) for each of the evaluation criteria. Table 18-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.



Table 18-18. Analysis of Mitigation Actions by Hazard and Category

| Hazard                   | Actions That Address the Hazard, by Action Category |     |     |     |     |    |    |    |    |    |
|--------------------------|---|-----|-----|-----|-----|----|----|----|----|----|
|                          | FEMA  |     |     |     | CRS |    |    |    |    |    |
|                          | LPR   | SIP | NSP | EAP | PR  | PP | PI | NR | SP | ES |
| Civil Unrest             |   |     |     |     |     |    |    |    |    |    |
| Dam Failure              | X   |     |     |     | X   |    |    |    |    | X  |
| Drought                  | X   |     |     |     | X   |    |    |    |    | X  |
| Earthquake               |   |     |     |     |     |    |    |    |    |    |
| Epidemic                 | X   |     |     | X   | X   |    | X  |    |    | X  |
| Extreme Temperature      | X   |     |     |     | X   |    |    |    |    | X  |
| Flood                    | X   | X   | X   | X   | X   |    | X  | X  | X  | X  |
| Hazardous Materials      | X   |     |     |     | X   |    |    |    |    | X  |
| Severe Storm             | X   | X   | X   |     | X   |    |    | X  | X  | X  |
| Severe Winter Storm      | X   | X   | X   |     | X   |    |    | X  | X  | X  |
| Terrorism                |   |     |     |     |     |    |    |    |    |    |
| Transportation Accidents | X   |     |     |     | X   |    |    |    |    | X  |
| Utility Interruption     | X   | X   |     |     | X   |    |    |    |    | X  |
| Wildfire                 | X   |     |     | X   | X   |    | X  |    |    | X  |

*Local Plans and Regulations (LPR)*—These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.

*Structure and Infrastructure Project (SIP)*—These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct structures to reduce the impact of hazards.

*Natural Systems Protection (NSP)*—These are actions that minimize damage and losses and preserve or restore the functions of natural systems.

*Education and Awareness Programs (EAP)*—These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

*Preventative Measures (PR)*—Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.

*Property Protection (PP)*—These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.

*Public Information (PI)*—Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.

*Natural Resource Protection (NR)*—Actions that minimize hazard loss and preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.

*Structural Flood Control Projects (SP)*—Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.

*Emergency Services (ES)*—Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities



Table 18-19. Summary of Prioritization of Actions

| Project Number | Project Name                             | Scores for Evaluation Criteria |                     |                    |           |       |        |               |                      |                |                    |                |          |                     |                        | High / Medium / Low |       |
|----------------|--|--------------------------------|---------------------|--------------------|-----------|-------|--------|---------------|----------------------|----------------|--------------------|----------------|----------|---------------------|------------------------|---------------------|-------|
|                |  | Life Safety                    | Property Protection | Cost-Effectiveness | Political | Legal | Fiscal | Environmental | Social Vulnerability | Administrative | Hazards of Concern | Climate Change | Timeline | Community Lifelines | Other Local Objectives |                     | Total |
| 2025-LeRoyV-01 | Critical Facility Protection             | 1                              | 1                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 1                  | 0              | 1        | 1                   | 0                      | 11                  | High  |
| 2025-LeRoyV-02 | Bridge Evaluations                       | 1                              | 1                   | 1                  | 1         | 0     | 0      | 1             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 0                      | 11                  | High  |
| 2025-LeRoyV-03 | Dam Owner Partnership                    | 1                              | 1                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 0                  | 1              | 1        | 1                   | 0                      | 11                  | High  |
| 2025-LeRoyV-04 | Oatka Creek and Mud Creek Stabilization  | 1                              | 1                   | 1                  | 1         | 0     | 0      | 1             | 1                    | 1              | 1                  | 1              | 1        | 0                   | 1                      | 11                  | High  |
| 2025-LeRoyV-05 | Backup Power at Critical Facilities      | 1                              | 1                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 0                      | 12                  | High  |
| 2025-LeRoyV-06 | Floodprone Roads                         | 1                              | 1                   | 1                  | 1         | 1     | 0      | 1             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 0                      | 12                  | High  |
| 2025-LeRoyV-07 | Flood Damage Prevention Ordinance Update | 1                              | 1                   | 1                  | 1         | 1     | 1      | 1             | 1                    | 1              | 1                  | 1              | 1        | 0                   | 0                      | 12                  | High  |
| 2025-LeRoyV-08 | Floodplain Management Training           | 1                              | 1                   | 1                  | 1         | 1     | 0      | 1             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 1                      | 13                  | High  |
| 2025-LeRoyV-09 | Epidemic Education and Outreach          | 1                              | 1                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 0                  | 1              | 1        | 0                   | 1                      | 11                  | High  |
| 2025-LeRoyV-10 | Water Conservation Ordinance             | 1                              | 1                   | 1                  | 1         | 1     | 1      | 1             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 0                      | 13                  | High  |
| 2025-LeRoyV-11 | Wildfire Education and Outreach          | 1                              | 1                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 0                  | 1              | 1        | 0                   | 1                      | 11                  | High  |
| 2025-LeRoyV-12 | Transportation Plan                      | 1                              | 1                   | 1                  | 1         | 1     | 0      | 1             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 1                      | 13                  | High  |
| 2025-LeRoyV-13 | Access and Functional Needs Registry     | 1                              | 0                   | 1                  | 1         | 1     | 1      | 0             | 1                    | 1              | 1                  | 1              | 1        | 1                   | 1                      | 12                  | High  |

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



Action 2025-LeRoyV-01. Critical Facility Protection

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



Action 2025-LeRoyV-02. Bridge Evaluations

|  |  |  |
|--|--|--|
| Lead Agency:                               | Planning Board, Code Enforcement   |  |
| Supporting Agencies:                       | Genesee County Engineering, Genesee County Public Works, NYS DOT   |  |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood   | <input type="checkbox"/> Hazardous Materials<br><input checked="" type="checkbox"/> Severe Storm<br><input checked="" type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |
| Description of the Problem:                | Scour on bridges can develop due to erosion. Erosion may occur due to waters impacting the bridge's structure during severe winter storms and severe storms when the precipitation causes the water movements to be more erratic. Rising waters may cause flooding conditions to further erode the structure of the bridge. The Oatka Creek Bridges in the jurisdiction should be evaluated to determine useability and to identify potential solutions, as necessary. |  |
| Description of the Solution:               | The Village will work with Genesee County Engineering and Public Works to evaluate each bridge to determine its current usability. The evaluation will indicate whether the County will need to replace or retrofit the identified bridges and causeways. This evaluation should be performed in partnership and/or with feedback from NYS DOT as necessary.   |  |
| Estimated Cost:                            | Medium   |  |
| Potential Funding Sources:                 | FEMA HMA, County Budget, BRIDGENY  |  |
| Implementation Timeline:                   | Within 5 years   |  |
| Goals Met:                                 | 2  |  |
| Benefits:                                  | This action will ensure the bridges in the jurisdiction are structurally sound to continue in operation.   |  |
| Impact on Socially Vulnerable Populations: | Not applicable   |  |
| Impact on Future Development:              | Not applicable   |  |
| Impact on Critical Facilities/Lifelines:   | This action will ensure transportation routes remain open and accessible to the public for daily use and evacuation needs; the bridges provide a point of access for first responders into communities that may have faced damage from a hazard event on either side of the bridges.   |  |
| Impact on Capabilities:                    | Not applicable   |  |
| Climate Change Considerations:             | Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will work to ensure the structure of the bridges are impervious to erosion at their base due to rising water levels.   |  |
| Mitigation Category                        | <input checked="" type="checkbox"/> Local Plans and Regulations (LPR)<br><input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)  | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |
| CRS Category                               | <input checked="" type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input checked="" type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)  |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium  |
| Alternatives:                              | <input type="checkbox"/> Low   |  |
|  | Action   | Evaluation   |
|  | No Action  | Current problem exists   |
|  | Remove bridges   | May cause significant traffic problems   |
| Replace bridges                            | Cost prohibitive   |  |



Action 2025-LeRoyV-03. Dam Ownership

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



Action 2025-LeRoyV-04. Oatka Creek and Mud Creek Stabilization

|  |  |  |                        |
|--|--|--|------------------------|
| Lead Agency:                               | Planning and Zoning Board, Engineer  |  |                        |
| Supporting Agencies:                       | DEC, Genesee County Engineering, Genesee County Public Works   |  |                        |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood<br><input type="checkbox"/> Hazardous Materials<br><input checked="" type="checkbox"/> Severe Storm<br><input checked="" type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |  |                        |
| Description of the Problem:                | The area surrounding Oatka Creek and Mud Creek are prone to flooding, impacting nearby roads and properties. Oatka Creek and Mud Creek may have bank erosion issues, threatening encroachment onto nearby roads. Creek banks become eroded due to heavy rains from severe storms, degradation from flood waters and compacted snow and ice from severe winter storms. Stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements, should be considered to prevent flooding. Additional flood mitigation measures may also be considered.  |  |                        |
| Description of the Solution:               | The Village will assess the feasibility and cost-effectiveness of various stabilization measures, such as including gabions, riprap, drainpipes and/or related improvements to prevent future flooding surrounding Oatka Creek and Mud Creek and to protect nearby roadways and properties.  |  |                        |
| Estimated Cost:                            | High   |  |                        |
| Potential Funding Sources:                 | FEMA HMA, Village Budget, NYS DEC  |  |                        |
| Implementation Timeline:                   | Within 5 years   |  |                        |
| Goals Met:                                 | 2  |  |                        |
| Benefits:                                  | Overall flooding will be reduced, which will result in less frequency of road closures and reduced damage to properties.   |  |                        |
| Impact on Socially Vulnerable Populations: | Areas that were previously vulnerable to frequency or severe flooding events will be less likely to be impacted by flooding events.  |  |                        |
| Impact on Future Development:              | Future development surrounding Oatka Creek and Mud Creek will have its risk of flood impacts reduced.  |  |                        |
| Impact on Critical Facilities/Lifelines:   | Critical facilities and community lifelines near Oatka Creek and Mud Creek would have a reduced risk to the flood hazard.  |  |                        |
| Impact on Capabilities:                    | Not applicable   |  |                        |
| Climate Change Considerations:             | Climate change is likely to result in more frequent and severe rainfall events. These events can lead to an influx of water, resulting in flooding conditions.   |  |                        |
| Mitigation Category                        | <input type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)<br><input checked="" type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |  |                        |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)<br><input checked="" type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)  |  |                        |
| Priority                                   | <input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low  |  |                        |
| Alternatives:                              | Action   |  | Evaluation             |
|  | No Action  |  | Current problem exists |
|  | Elevate nearby roads   |  | Cost prohibitive       |
|  | Acquire all properties which flood   |  | Cost prohibitive       |



Action 2025-LeRoyV-05. Backup Power at Critical Facilities

|  |   |   |  |
|--|---|---|--|
| Lead Agency:                               | Critical Facility Managers, Engineer  |   |  |
| Supporting Agencies:                       | Village Administration  |   |  |
| Hazards of Concern:                        | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input type="checkbox"/> Flood   | <input type="checkbox"/> Hazardous Materials<br><input checked="" type="checkbox"/> Severe Storm<br><input checked="" type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input checked="" type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |  |
| Description of the Problem:                | Critical facilities require backup power to ensure continuity of operations. Wolcott Street School, (located at 2-6 Trigon Park, Leroy, NY 14482), currently has a generator that is insufficient to utilize the facility as a designated shelter, only powering the emergency hallway lighting and some of the cafeteria. In order to utilize the facility to its full capacity, a larger capacity generator must be installed to ensure continuity of operations at the facility in the event of a utility or power failure. High winds associated with severe storms and severe winter storms are known to cause utility interruptions, which would impact the continuity of operations.                     |   |  |
| Description of the Solution:               | The Village will conduct studies to determine the required generator capacity to support the critical facilities. The Village will then purchase and install the generator and all necessary electrical hookup components. The installation of the back-up emergency generator will ensure continuity of operations for the critical facility and their operations during each identified hazard of concern. With expectations to provide essential services during times of emergency and otherwise, having a back-up power source is crucial. Long-term risks are mitigated through an emergency generator by reducing the likelihood of impacts from power outages, allowing essential services to continue. |   |  |
| Estimated Cost:                            | High  |   |  |
| Potential Funding Sources:                 | FEMA HMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Village Budget   |   |  |
| Implementation Timeline:                   | Within 5 years  |   |  |
| Goals Met:                                 | 2   |   |  |
| Benefits:                                  | This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.   |   |  |
| Impact on Socially Vulnerable Populations: | Protection of critical facilities provides an opportunity for first responders, utility workers, and emergency managers to stage and deploy resources to vulnerable and hazard prone areas.   |   |  |
| Impact on Future Development:              | This action results in protection of critical facilities that could support future development.   |   |  |
| Impact on Critical Facilities/Lifelines:   | This action protects public health and safety and ensures continued operation of critical facilities and their essential functions during a power outage.   |   |  |
| Impact on Capabilities:                    | This action ensures continuity of operations to maintain capabilities.  |   |  |
| Climate Change Considerations:             | Climate change is likely to increase severe weather events such as flooding, wind, and extreme temperatures that result in power failures. This action accounts for a likely increase in power failure events.  |   |  |
| Mitigation Category                        | <input type="checkbox"/> Local Plans and Regulations (LPR)<br><input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)  | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)  |  |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input checked="" type="checkbox"/> Emergency Services (ES)   |  |
| Priority                                   | <input checked="" type="checkbox"/> High  | <input type="checkbox"/> Medium   | <input type="checkbox"/> Low   |
| Alternatives                               | Action  |   | Evaluation   |
|  | No Action   |   | -  |
|  | Microgrid   |   | Costly and difficult to implement.   |
|  | Solar panels and battery backup   |   | Solar power is unlikely to be able to provide battery power for extended power failure events. |



Action 2025-LeRoyV-06. Floodprone Roadways

|  |   |  |                              |
|--|---|--|------------------------------|
| Lead Agency:                               | Public Works  |  |                              |
| Supporting Agencies:                       | Code/Zoning Department  |  |                              |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood  | <input type="checkbox"/> Hazardous Materials<br><input checked="" type="checkbox"/> Severe Storm<br><input checked="" type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |                              |
| Description of the Problem:                | Flood prone roads not only interrupt the movement of persons and goods but can lead to isolation issues where first responders are unable to reach their destination and cause evacuation routes to be inaccessible. Flooded roadways may be caused by debris in culverts from severe storms and severe winter storms. Wolcott Street may benefit from flood mitigation strategies, such as the elevation of the roadways or the hardening of the infrastructure surrounding them to reduce the likelihood of flooding. |  |                              |
| Description of the Solution:               | The Village will develop specific mitigation solutions for flood-prone road systems after conducting a flood study. Possible solutions may include: <ul style="list-style-type: none"> <li>• Elevation of roadways</li> <li>• Installation or improvement of drainage systems</li> <li>• Regrading of roadway and soils</li> <li>• Resurfacing or reshaping roadways</li> </ul>   |  |                              |
| Estimated Cost:                            | TBD after mitigation technique is chosen  |  |                              |
| Potential Funding Sources:                 | FEMA HMA, Village Budget, CHIPS   |  |                              |
| Implementation Timeline:                   | Within 5 years  |  |                              |
| Goals Met:                                 | 1, 2  |  |                              |
| Benefits:                                  | This action will identify measures to protect infrastructure in the transportation lifeline, which will lead to the assurance of clear roadways for evacuations, regular travel, and emergency responses.   |  |                              |
| Impact on Socially Vulnerable Populations: | This action will assist socially vulnerable populations whose properties are impacted by flooding along flood-prone roads.  |  |                              |
| Impact on Future Development:              | Future development in the impacted area will be less likely to be flooded.  |  |                              |
| Impact on Critical Facilities/Lifelines:   | This action will identify measures to protect infrastructure in the transportation lifeline, which will lead to the assurance of clear roadways for evacuations, regular travel, and emergency responses.   |  |                              |
| Impact on Capabilities:                    | This action improves the Village's reliability in terms of transportation.  |  |                              |
| Climate Change Considerations:             | A warmer atmosphere means storms have the potential to be more intense and occur more often, including increased periods of intense rain events.  |  |                              |
| Mitigation Category                        | <input type="checkbox"/> Local Plans and Regulations (LPR)<br><input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)  | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |                              |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input checked="" type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)  |                              |
| Priority                                   | <input checked="" type="checkbox"/> High  | <input type="checkbox"/> Medium  | <input type="checkbox"/> Low |
| Alternatives:                              | Action  |  | Evaluation                   |
|  | No Action   |  | Current problem exists       |
|  | Relocate all flood-prone road system  |  | Not feasible                 |
|  | Raise all flood prone roads   |  | Cost prohibitive             |



Action 2025-LeRoyV-07. Flood Damage Prevention Ordinance Update

|  |  |  |  |
|--|--|--|--|
| Lead Agency:                               | Zoning, Village Administration   |  |  |
| Supporting Agencies:                       | Planning Board   |  |  |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood   | <input type="checkbox"/> Hazardous Materials<br><input type="checkbox"/> Severe Storm<br><input type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |  |
| Description of the Problem:                | The current flood damage prevention ordinance does not include the 2-foot mandated NYS freeboard requirements. While the existing ordinance may be compliant with NFIP requirements, State requirements which exceed NFIP requirements must be adhered to.   |  |  |
| Description of the Solution:               | The Village will work with Genesee County and NYSDEC to ensure its Flood Damage Prevention Ordinance is updated to adhere to NYS requirements. After obtaining the appropriate review and concurrence by the NFIP State Coordinator and the FEMA Regional Office, the Village will update and adopt the Flood Damage Prevention Ordinance. |  |  |
| Estimated Cost:                            | Low  |  |  |
| Potential Funding Sources:                 | Village Budget   |  |  |
| Implementation Timeline:                   | Within 3 years   |  |  |
| Goals Met:                                 | 1, 2   |  |  |
| Benefits:                                  | The updated ordinance will improve floodplain management, meet NFIP and State requirements, and increase resilience of new and substantially improved structures in the floodplain.  |  |  |
| Impact on Socially Vulnerable Populations: | The action will result in better regulation of construction standards within the Special Flood Hazard Area where significant risk to socially vulnerable populations exists.   |  |  |
| Impact on Future Development:              | The action will result in stronger regulation of construction standards for future development in the Special Flood Hazard Area.   |  |  |
| Impact on Critical Facilities/Lifelines:   | Critical facilities and lifelines located in the Special Flood Hazard Area will be required to meet the requirements set forth in the ordinance.   |  |  |
| Impact on Capabilities:                    | This action will improve floodplain management capabilities through better outlining of responsibilities and administrative procedures.  |  |  |
| Climate Change Considerations:             | The updated ordinance includes the State's higher standards that are in place to address heightened flood risk due to climate change such as those for floodway rise and mandatory freeboard.  |  |  |
| Mitigation Category                        | <input checked="" type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)   | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |  |
| CRS Category                               | <input checked="" type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)   |  |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium  | <input type="checkbox"/> Low                                       |
| Alternatives:                              | Action   |  | Evaluation   |
|  | No Action  |  | Current problem exists   |
|  | Update only freeboard requirements   |  | Other areas of the ordinance which need to be updated would not be |
|  | Leave NFIP   |  | Residents lose flood insurance coverage                            |



Action 2025-LeRoyV-08. Floodplain Management Training

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



Action 2025-LeRoyV-09. Epidemic Education and Outreach

|  |  |  |   |
|--|--|--|---|
| Lead Agency:                               | Village Administration   |  |   |
| Supporting Agencies:                       | Village Board, Genesee County  |  |   |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input checked="" type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input type="checkbox"/> Flood   | <input type="checkbox"/> Hazardous Materials<br><input type="checkbox"/> Severe Storm<br><input type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |   |
| Description of the Problem:                | The Village faces risk from epidemic but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.   |  |   |
| Description of the Solution:               | Create outreach materials, or utilize those from Genesee County, on epidemic risks and methods of mitigation measures. Methods of distribution may include Village events, the newsletters, social media, the Village website, and having the materials on display for the public at Village libraries and offices. Outreach materials will be specified with education and information for the epidemic hazard. |  |   |
| Estimated Cost:                            | Low  |  |   |
| Potential Funding Sources:                 | Village Budget   |  |   |
| Implementation Timeline:                   | 1 year   |  |   |
| Goals Met:                                 | 3  |  |   |
| Benefits:                                  | This action will improve the public education and outreach capabilities in the Village by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the Village.   |  |   |
| Impact on Socially Vulnerable Populations: | Socially vulnerable populations will learn how to prepare for and mitigate the epidemic hazard which may impact them in the Village.   |  |   |
| Impact on Future Development:              | Not applicable   |  |   |
| Impact on Critical Facilities/Lifelines:   | Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of the epidemic hazard. With these businesses becoming more resilient, this action would contribute to their continuity of operations.  |  |   |
| Impact on Capabilities:                    | This action would build upon the County's public education and outreach capabilities and adapt it to the Village's needs.  |  |   |
| Climate Change Considerations:             | Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from the epidemic hazard and how climate change may exacerbate those risks.  |  |   |
| Mitigation Category                        | <input type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)  | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input checked="" type="checkbox"/> Education and Awareness Programs (EAP)  |   |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input checked="" type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)   |   |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium  | <input type="checkbox"/> Low  |
| Alternatives:                              | Action   |  | Evaluation  |
|  | No Action  |  | Current problem exists  |
|  | Rely on state or federal resources   |  | Resources may be generalized and not specific to the risks in the Village                                       |
|  | Use only a few methods for distribution  |  | Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance |



Action 2025-LeRoyV-10. Water Conservation Ordinance

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



Action 2025-LeRoyV-11. Wildfire Education and Outreach

|  |  |   |   |
|--|--|---|---|
| Lead Agency:                               | Village Administration   |   |   |
| Supporting Agencies:                       | Zoning and Planning  |   |   |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input type="checkbox"/> Flood  | <input type="checkbox"/> Hazardous Materials<br><input type="checkbox"/> Severe Storm<br><input type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input checked="" type="checkbox"/> Wildfire |   |
| Description of the Problem:                | The Village faces risk from wildfires but does not have a comprehensive education and outreach program to educate residents and businesses about hazard mitigation, preparation, response, and recovery utilizing a variety of outreach methods. The Village does not currently have hazard mitigation information and outreach on the Village website.  |   |   |
| Description of the Solution:               | Create outreach materials, or utilize those from the County, on wildfire risks and methods of mitigation measures. Methods of distribution may include Village events, the Village newsletters, social media, the Village website, and having the materials on display for the public at Village libraries and offices. Outreach materials will be specified with education and information for the wildfire hazard. |   |   |
| Estimated Cost:                            | Low  |   |   |
| Potential Funding Sources:                 | Village Budget   |   |   |
| Implementation Timeline:                   | 1 year   |   |   |
| Goals Met:                                 | 3  |   |   |
| Benefits:                                  | This action will improve the public education and outreach capabilities in the Village by including discussions on disaster preparedness and hazard mitigation to residents and business owners, which will contribute to the resiliency of the Village.   |   |   |
| Impact on Socially Vulnerable Populations: | Socially vulnerable populations will learn how to prepare for and mitigate the wildfire hazard which may impact them in the Village.   |   |   |
| Impact on Future Development:              | Not applicable   |   |   |
| Impact on Critical Facilities/Lifelines:   | Businesses, which may be considered critical facilities or lifelines, would be more informed on how to prepare for emergency events and mitigate the risks of the wildfire hazard. With these businesses becoming more resilient, this action would contribute to their continuity of operations.  |   |   |
| Impact on Capabilities:                    | This action would build upon the County's public education and outreach capabilities and adapt it to the Village's needs.  |   |   |
| Climate Change Considerations:             | Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action will inform residents and business owners of how to reduce risk from the wildfire hazard and how climate change may exacerbate those risks.  |   |   |
| Mitigation Category                        | <input type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)  | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input checked="" type="checkbox"/> Education and Awareness Programs (EAP)   |   |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input checked="" type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input type="checkbox"/> Emergency Services (ES)  |   |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium   | <input type="checkbox"/> Low  |
| Alternatives:                              | Action   |   | Evaluation  |
|  | No Action  |   | Current problem exists  |
|  | Rely on state or federal resources   |   | Resources may be generalized and not specific to the risks in the Village                                       |
|  | Use only a few methods for distribution  |   | Using only a few methods of distribution may hinder socially vulnerable populations from receiving the guidance |



Action 2025-LeRoyV-12. Transportation Plan

|  |  |  |  |
|--|--|--|--|
| Lead Agency:                               | Village Administration, Genesee County Highway, NYSDOT   |  |  |
| Supporting Agencies:                       | Planning Board, Zoning Board   |  |  |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input type="checkbox"/> Dam Failure<br><input type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input type="checkbox"/> Epidemic<br><input type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood   | <input checked="" type="checkbox"/> Hazardous Materials<br><input type="checkbox"/> Severe Storm<br><input type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input checked="" type="checkbox"/> Transportation Accidents<br><input type="checkbox"/> Utility Interruption<br><input type="checkbox"/> Wildfire |  |
| Description of the Problem:                | The Village has two major roads which traverse through the jurisdiction, NYS Routes 5 and 19. Transportation accidents are apt to occur on this roadway more than local roads. Further, hazardous materials may be transported on the major roadway.   |  |  |
| Description of the Solution:               | The Village will develop a Transportation Plan, with support from the Genesee County Office of Emergency Management. The Transportation Plan will integrate hazard mitigation and transportation accident principles into its contents, including addressing capabilities related to reduce the risk to the identified hazards of concern identified with this Hazard Mitigation Plan. |  |  |
| Estimated Cost:                            | Low  |  |  |
| Potential Funding Sources:                 | Village Budget   |  |  |
| Implementation Timeline:                   | Within 3 years   |  |  |
| Goals Met:                                 | 1, 3, 4  |  |  |
| Benefits:                                  | The Transportation Plan will detail what the Village will do during a disaster (incident command implementation, command center location and activities, specific plans by department, etc.). The creation of the Transportation Plan will permit the Village to integrate new plans, policies, capabilities, and hazard assessments.  |  |  |
| Impact on Socially Vulnerable Populations: | The Transportation Plan will highlight evacuation routes and how to best protect the transportation system in the Village.   |  |  |
| Impact on Future Development:              | Future development will be better protected by having a reliable transportation system.  |  |  |
| Impact on Critical Facilities/Lifelines:   | The section overview portion of the Transportation Plan covers a discussion of a variety of topics, including vulnerable transportation lifelines (e.g. flood prone roads).  |  |  |
| Impact on Capabilities:                    | This action will create a planning and response capability for the Village.  |  |  |
| Climate Change Considerations:             | Climate change may result in an increase in the frequency and severity of weather-related disaster events which may impact transportation lifelines.   |  |  |
| Mitigation Category                        | <input checked="" type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)   | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |  |
| CRS Category                               | <input type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)   | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input checked="" type="checkbox"/> Emergency Services (ES)  |  |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium  | <input type="checkbox"/> Low   |
| Alternatives:                              | Action   |  | Evaluation   |
|  | No Action  |  | Current problem exists   |
|  | Integrate hazard mitigation principles in only hazard appendices   |  | The plan will miss integration opportunities in the basic plan and annexes |
|  | Ask County to integrate hazard mitigation into a County Transportation Plan  |  | Village Transportation Plan will remain undeveloped                        |



Action 2025-LeRoyV-13. Access and Functional Needs Registry

|  |  |  |   |
|--|--|--|---|
| Lead Agency:                               | Village Administration   |  |   |
| Supporting Agencies:                       | Planning Board   |  |   |
| Hazard(s) of Concern:                      | <input type="checkbox"/> Civil Unrest<br><input checked="" type="checkbox"/> Dam Failure<br><input checked="" type="checkbox"/> Drought<br><input type="checkbox"/> Earthquake<br><input checked="" type="checkbox"/> Epidemic<br><input checked="" type="checkbox"/> Extreme Temperature<br><input checked="" type="checkbox"/> Flood   | <input checked="" type="checkbox"/> Hazardous Materials<br><input checked="" type="checkbox"/> Severe Storm<br><input checked="" type="checkbox"/> Severe Winter Storm<br><input type="checkbox"/> Terrorism<br><input checked="" type="checkbox"/> Transportation Accidents<br><input checked="" type="checkbox"/> Utility Interruption<br><input checked="" type="checkbox"/> Wildfire |   |
| Description of the Problem:                | Utility interruptions and power outages are frequently caused by the high winds, heavy rains, and snow and ice accumulations associated with severe storms and severe winter storms. Utility interruptions occur frequently within the Village, impacting the livelihoods of many residents from the lack of electrical power, limiting the ability to have a climate-controlled environment, access to telephones or internet, and potentially causing life-threatening conditions to those who rely on electrical-power life support equipment.  |  |   |
| Description of the Solution:               | In partnership with the County and surrounding jurisdictions, create an access and functional needs registry. The registry will allow residents who are at risk due to a disability, health issue, or anyone who may need additional assistance during a disaster or emergency enter information which could assist first responders in response, if needed. The Village will conduct public outreach and education to encourage residents to register. This system will identify where the vulnerable populations are located and how the Village will need to assist them in an emergency. |  |   |
| Estimated Cost:                            | Low  |  |   |
| Potential Funding Sources:                 | Village Budget   |  |   |
| Implementation Timeline:                   | Within 3 years   |  |   |
| Goals Met:                                 | 1, 3   |  |   |
| Benefits:                                  | The Village will have the location of registered members of the socially vulnerable population as well as any emergency or medical information the registrant was willing to share.  |  |   |
| Impact on Socially Vulnerable Populations: | Socially vulnerable populations are able to register to the functional-needs registry to have important emergency and medical information stored in a secure system for first responders.  |  |   |
| Impact on Future Development:              | Future development, in particular residential, may house socially vulnerable populations.  |  |   |
| Impact on Critical Facilities/Lifelines:   | This action allows first responders to understand the emergency and medical needs of registered individuals should assistance be needed.   |  |   |
| Impact on Capabilities:                    | This action will create a new capability for the Village, expanding its capabilities in the safety and security lifeline.  |  |   |
| Climate Change Considerations:             | Climate change is likely to increase the intensity and frequency of many climate related disaster events. Socially vulnerable populations are often the most vulnerable to impacts from disasters.   |  |   |
| Mitigation Category                        | <input checked="" type="checkbox"/> Local Plans and Regulations (LPR)<br><input type="checkbox"/> Structure and Infrastructure Project (SIP)   | <input type="checkbox"/> Natural Systems Protection (NSP)<br><input type="checkbox"/> Education and Awareness Programs (EAP)   |   |
| CRS Category                               | <input checked="" type="checkbox"/> Preventative Measures (PR)<br><input type="checkbox"/> Property Protection (PP)<br><input type="checkbox"/> Public Information (PI)  | <input type="checkbox"/> Natural Resource Protection (NR)<br><input type="checkbox"/> Structural Flood Control Projects (SP)<br><input checked="" type="checkbox"/> Emergency Services (ES)  |   |
| Priority                                   | <input checked="" type="checkbox"/> High   | <input type="checkbox"/> Medium  | <input type="checkbox"/> Low  |
| Alternatives:                              | <b>Action</b>  |  | <b>Evaluation</b>   |
|  | No Action  |  | Current problem exists  |
|  | Utilize public, non-encrypted system   |  | Secure information may become at risk                                 |
|  | Use only social media to inform residents of new system  |  | May hinder socially vulnerable populations from receiving information |