



## 9.30 TOWN OF NEW ALBION

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

### 9.30.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of New Albion hazard mitigation plan primary and alternate points of contact.

**Table 9.30-1. Hazard Mitigation Planning Team**

Primary Point of Contact	Alternate Point of Contact
Name/Title: Patrick Murphy, Town Supervisor Address:14 Main Street, Cattaraugus, NY 14719 Phone Number: (716) 257-3661	Name/Title: David Rupp, Highway Superintendent Address:14 Main Street, Cattaraugus, NY 14719 Phone Number: (716) 257-3531 Email: <a href="mailto:NewAlbionHighway@gmail.com">NewAlbionHighway@gmail.com</a>
NFIP Floodplain Administrator	
Name/Title: Frank Watson, Code Enforcement Officer Address:14 Main Street, Cattaraugus, NY 14719 Phone Number: (716) 410-0349	

### 9.30.2 Municipal Profile

The Town of New Albion was formed from the Town of Little Valley on February 23, 1830. The railroad was the primary industry in the town and following its formation, lead to the creation of other industries such as a butter tub factory, carpet weaving factory, cheese factory, cider mill and grist mills.

The Town of New Albion has a total land area of 36.32 square miles and is located just northwest of the center of Cattaraugus County and is surrounded by (clockwise): the Town of Persia, Town of Otto, Town of Mansfield, Town of Little Valley, Town of Napoli, Town of Conewango, Town of Leon and Town of Dayton. Conewango Creek, a tributary of the Allegheny River, and the south branch of the Cattaraugus Creek, part of the St. Lawrence River watershed flow through the town.

Data from the 2018 U.S. Census American Community Survey indicate that town has a total population of 1,009. 24 percent of the population is over age 65 and 3 percent is under the age of 5.

### 9.30.3 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.30-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. Figure 9.30-1 and Figure 9.30-2 at the end of this annex illustrates the geographically delineated hazard areas and the location of potential new development, where available.



**Table 9.30-2. Recent and Expected Future Development**

Type of Development	2014		2015		2016		2017		2018	
<b>Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)</b>										
	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>
Single Family	22	1	23	0	22	1	19	0	29	1
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22</b>	<b>1</b>	<b>23</b>	<b>0</b>	<b>22</b>	<b>1</b>	<b>19</b>	<b>0</b>	<b>29</b>	<b>1</b>
Property or Development Name	Type of Development	# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development		
<b>Recent Major Development and Infrastructure from 2014 to Present</b>										
None identified										
<b>Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years</b>										
None anticipated										

SFHA Special Flood Hazard Area (1% flood event)

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

### 9.30.4 Capability Assessment

The Town of New Albion performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 6.4 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Information on National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.
- The community’s adaptive capacity for the impacts of climate change.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized in Capability Assessment (Section 9.30.4). The Town of New Albion identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Appendix H provides the results of the planning/policy document review.

#### Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of New Albion and where hazard mitigation has been integrated.



Table 9.30-3. Planning, Legal, and Regulatory Capability

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action? If yes, add Mitigation Action #.	
<b>Codes, Ordinances, &amp; Requirements</b>							
Building Code	Yes	Zoning Law 2002	Local / State	CEO	Yes	Yes	-
Comment: None							
Zoning Code	Yes	Zoning Law 2002	Local / State	CEO	No	Yes	-
Comment: None							
Subdivisions	No	-	-	-	No	-	-
Comment: None							
Stormwater Management	Yes	Zoning Law 2002	Local	CEO	Yes	Yes	-
Comment: None							
Post-Disaster Recovery	No	-	-	-	No	-	-
Comment: None							
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent	Yes	Yes	-
Comment: None							
Growth Management	No	-	-	-	No	-	-
Comment: None							
Site Plan Review	Yes	Zoning Law 2002	Local	Planning Board	No	Yes	-
Comment: None							
Environmental Protection	Yes	Zoning Law 2002	Local / State	CEO, Planning Board	Yes	Yes	-
Comment: None							
Flood Damage Prevention	Yes	Zoning Law 2002	Local / State	CEO	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	Yes	2020-New Albion-002
Comment: None							
Municipal Separate Storm Sewer System (MS4)	No	-	-	-	Yes	-	-
Comment: None							
Emergency Management	No	-	-	-	Yes	-	-
Comment: None							
Climate Change	No	-	-	-	Yes	-	-
Comment: None							
Disaster Recovery Ordinance	No	-	-	-	No	-	-



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action? If yes, add Mitigation Action #.	
Comment: None							
Disaster Reconstruction Ordinance	Yes	Zoning Law 2002	Local	CEO	No	Yes	-
Comment: None							
Other	No	-	-	-	-	-	-
Comment: None							
<b>Planning Documents</b>							
Comprehensive Plan	Yes	2007	Local	Town Board	No	Yes	-
Comment: None							
Capital Improvement Plan	No	-	-	-	No	-	-
Comment: None							
Disaster Debris Management Plan	No	-	-	-	No	-	-
Comment: None							
Floodplain or Watershed Plan	Yes	Zoning Law 2002	Local / State	CEO, State	No	Yes	-
Comment: None							
Stormwater Plan	Yes	Zoning Law 2002	Local	CEO	No	Yes	-
Comment: None							
Open Space Plan	No	-	-	-	Yes	-	-
Comment: None							
Urban Water Management Plan	No	-	-	-	No	-	-
Comment: None							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comment: None							
Economic Development Plan	No	-	-	-	No	-	-
Comment: None							
Shoreline Management Plan	No	-	-	-	Yes	-	-
Comment: None							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comment: None							
Forest Management Plan	No	-	-	-	No	-	-
Comment: None							
Transportation Plan	No	-	-	-	No	-	-
Comment: None							
Agriculture Plan	No	-	-	-	Yes	-	-
Comment: None							



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action? If yes, add Mitigation Action #.	
Other (this could include a climate action plan, tourism plan, business development plan, etc.)	No	-	-	-	-	-	-
Comment:							
<b>Response/Recovery Planning</b>							
Comprehensive Emergency Management Plan	No	-	-	-	Yes	-	-
Comment: None							
Strategic Recovery Planning Report	No	-	-	-	No	-	-
Comment: None							
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	Yes	-	-
Comment: None							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comment: None							
Continuity of Operations Plan	No	-	-	-	No	-	-
Comment: None							
Public Health Plan	No	-	-	-	No	-	-
Comment: None							
Other	No	-	-	-	No	-	-
Comment: None							

**Table 9.30-4. Development and Permitting Capability**

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Development Permits. If yes, what department?	Yes, Code Enforcement
Permits are tracked by hazard area. For example, floodplain development permits.	No
Buildable land inventory If yes, please describe If no, please quantitatively describe the level of buildout in the jurisdiction.	No, a buildable land analysis is noted in Section 4 (County Profile)

**Administrative and Technical Capability**

The table below summarizes potential staff and personnel resources available to the Town of New Albion.



**Table 9.30-5. Administrative and Technical Capabilities**

Resources	Available? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Non-Regulatory
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	No	-
Maintenance programs to reduce risk	No	-
Mutual aid agreements	No	-
<b>Technical/Staffing Capability</b>		
Planners or engineers with knowledge of land development and land management practices	No	-
Engineers or professionals trained in building or infrastructure construction practices	Yes	Code Enforcement Officer
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Code Enforcement Officer
Surveyor(s)	No	Code Enforcement Officer
Emergency Manager	No	-
Grant writer(s)	No	-
Resilience Officer	No	-
Other	No	-

**Fiscal Capability**

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

**Table 9.30-6. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	No
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Town has authority but does not tax this way
User fees for water, sewer, gas or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activity bonds	n/a
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	No
Other	No



### Education and Outreach Capability

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

Table 9.30-7. Education and Outreach Capabilities

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications office?	No
Personnel skilled or trained in website development?	No
Hazard mitigation information available on your website; if yes, describe	No
Social media for hazard mitigation education and outreach; if yes, briefly describe.	No
Citizen boards or commissions that address issues related to hazard mitigation; if yes, briefly describe.	No
Other programs already in place that could be used to communicate hazard-related information; if yes, briefly describe.	No
Warning systems for hazard events; if yes, briefly describe.	No
Natural disaster/safety programs in place for schools; if yes, briefly describe.	No
Other	No

### Community Classifications

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

Table 9.30-8. Community Classifications

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

Note:

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

### Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction’s rating.



Table 9.30-9. Adaptive Capacity of Climate Change

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low*
Flood	Medium
Landslide	Medium
Severe Storm	High
Severe Winter Storm	High
Utility Interruption	Medium
Wildfire	Medium
Flood	Medium

\*High Capacity exists and is in use  
 Medium Capacity may exist; but is not used or could use some improvement  
 Low Capacity does not exist or could use substantial improvement  
 Unsure Not enough information is known to assign a rating

### National Flood Insurance Program

This section provides specific information on the management and regulation of the regulatory floodplain.

### NFIP Floodplain Administrator (FPA)

Frank Watson, Code Enforcement Officer.

### National Flood Insurance Program (NFIP) Summary

The Town of New Albion does not maintain a list of property owners interested in flood mitigation and has no homeowners or businesses that are interested in mitigation. There are no current RiskMAP projects currently underway within the town. The town has made no Substantial Damage Determinations for recent flood events. No properties have been mitigated within the town. Flood hazard maps for the Town of New Albion adequately address the flood risk within the town.

The following table summarizes the NFIP statistics for the Town of New Albion.

Table 9.30-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Town of New Albion	2	4	\$13,989	2

Source: NYS DHSES 2020  
 RL Repetitive Loss; SRL Severe Repetitive Loss

### Resources

The Town of New Albion Code Enforcement Officer is responsible for floodplain management but is not a Certified Floodplain Manager (CFM). The town does not have access to resources to determine possible future flooding conditions from climate change. Floodplain management staff within the town do not need assistance or training to support its floodplain management program. The town does not offer NFIP administration services and did not identify any barriers within the community to running an effective NFIP program. The town qualifies proposed development on an existing structure as a substantial improvement if there is more than 50 percent damage to the structure.

### Compliance History

The Town of New Albion does have outstanding NFIP compliance violations that need to be addressed. The Town last had a Community Assistance Contact (CAC) visit in March 2013.







## Regulatory

The municipal code of the Town of New Albion flood damage prevention ordinance is the Zoning Law of 2002, Section 9.7. The ordinance was last updated in 2002. The town's floodplain management program does not meet minimum requirements because the above ordinance does not include the state-mandated freeboard. There are other local ordinances, plans, or programs that support floodplain management and meeting the NFIP requirements.

## Additional Areas of Existing Integration

**Town Website:** The town website (<http://www.cattaraugusny.org/html/tgov.html>) hosts community information, local laws, and announcements.

## Evacuation, Sheltering, Temporary Housing, and Permanent Housing

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

### Evacuation Routes

The Town of New Albion has identified Route 353, County Road 5 and County Road 6 as evacuation routes.

### Sheltering

The Town of New Albion did not identify any designated emergency shelters. At the time of a hazard event, the town will work with the county to open and utilize emergency shelters.

### Temporary Housing

The Town of New Albion has identified the following locations for the placement of temporary housing for residents displaced by disasters:

- Christian Family Camp, 9714 Leon Road, Cattaraugus, NY 14719

### Permanent Housing

Municipalities need to appropriate locations for the placement of permanent housing for residents who need to relocate if their homes in the SFHA are severely damaged and need to be rebuilt in a safer location. Nearly 80% of the Town of New Albion can be used for relocation as much of the town's land use is agricultural and could be used for permanent housing.

## 9.30.5 Hazard Event History Specific to the Town of New Albion

Cattaraugus County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities. The town's history of federally declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Cattaraugus County. Table 9.30-11 provides details regarding municipal-specific loss and damages the town experienced during hazard events. Information provided in the table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.



Table 9.30-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
October 27- November 8, 2012	Hurricane Sandy (FEMA-EM-3351)	Yes	Remnants of Hurricane Sandy brought strong winds and heavy rains downing trees and powerlines.	Although the county was impacted, the Town of New Albion did not report any damages.
May 13-22, 2014	Severe Storms and Flooding (FEMA-DR-4180)	Yes	The torrential rains produced flash flooding and washed out roads inundated with flowing water	Bridge and road flooding.
July 1, 2014	Thunderstorm Wind	No	Thunderstorms brought damaging winds to the county.	Law Enforcement in New Albion reported trees down with \$15K in property damages reported.
November 17-26, 2014	Severe Winter Storm, Snowstorm, and Flooding (FEMA-DR-4204)	Yes	Winter storm brought record rainfall heavy snow resulting in travel and school disruptions.	Although the county was impacted, the Town of New Albion did not report any damages.
July 14, 2015	Flash Flood	No	Showers and thunderstorms brought heavy rainfall resulting in flash flooding and washed out roads.	Although the county was impacted, the Town of New Albion did not report any damages.
March 8, 2017	High Wind	No	High winds brought down powerlines and trees and damaged several buildings.	Although the county was impacted, the Town of New Albion did not report any damages.
March 8, 2018	Winter Storm	No	A Nor'easter brought moderate snow across the county.	Although the county was impacted, the Town of New Albion did not report any damages.

Notes:

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

9.30.6 Hazard Ranking and Jurisdiction-Specific Vulnerabilities

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

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.





- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.

### Hazard Ranking

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

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

During the review of the hazard/vulnerability risk ranking, the Town of New Albion indicated agreement with the ranking.

Table 9.30-12. Hazard Ranking Input

Flood	Landslide	Severe Storm	Severe Winter Storm	Utility Failure	Wildfire
Medium	Medium	High	High	Medium	Medium

Note: The scale is based on the following hazard rankings as established in Section 5.3.

### Critical Facilities

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

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

Table 9.30-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure 1% Event	Addressed by Proposed Action
Conewango Creek Site 13 Dam	Dam	X	2020-New Albion-004





Name	Type	Exposure 1% Event	Addressed by Proposed Action
Niagara Mohawk Power Corp	Electric/ Power	X	2020-New Albion-005
Village of Cattaraugus	Potable Water	X	2020-New Albion-006

Source: Cattaraugus County 2020

### Identified Issues

The municipality has identified the following vulnerabilities within their community:

- May 2014 flood damage to culvert and stream placement of rip rap to stabilize road shoulder
- Ongoing stream and roadway erosion
- Extreme erosion and landslide effects from high water.
- Flood damage and road scour on roadway and shoulder replacement of culverts.
- There is debris from the waterways on Maple Hill Road.
- The Town needs to determine local vulnerabilities to landslides threatening property and roads.
- 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 Flood Damage Prevention Ordinance does not include the 2’ freeboard requirement mandated by NYS.
- The public needs to be educated on what they can do to protect their structures from wildfires.
- Conewango Creek Site 13 Dam is in the special flood hazard area and vulnerable to flooding.
- Niagara Mohawk Power Corp is in the special flood hazard area and vulnerable to flooding.
- Village of Cattaraugus Potable Water is in the special flood hazard area and vulnerable to flooding.

### 9.30.7 Mitigation Strategy and Prioritization

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

#### Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2014 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.



Table 9.30-14. Status of Previous Mitigation Actions

Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Cost	Level of Protection	
B2.4	Replace repetitively damaged / undersized culvert in Town of New Albion on Waverly Street	Flood	Town	May 2018 flood damaged. Culvert closed bridge due to seawall structure damage	Complete	Cost	\$803,000	1. Discontinue 2. 3. Project Completed 10/2019
						Level of Protection	100%	
						Damages Avoided; Evidence of Success		
B3.6	Stream Stabilization in Town of New Albion on Gowin Gulf Rd.	Flood	Town	May 2014 flood damage to culvert and stream placement of rip rap to stabilize road shoulder.	In Progress	Cost	\$35,000	1. Include in 2020 HMP 2. Stream Bank stabilization still needed. Culvert replacement needed at intersection of Gulf and Stateland Rd. 3.
						Level of Protection	100%	
						Damages Avoided; Evidence of Success	Roadway and Stream bank	
B3.7	Stream Stabilization in Town of New Albion on Maple Hill Rd.	Flood	Town	Ongoing stream and roadway erosion	In Progress	Cost		1. Include in 2020 HMP 2. Stream and roadway stabilization as needed to prevent loss of road and shoulders. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success	Roadway and Stream bank	
B3.8	Stream Stabilization in Town of New Albion on Ingersoll Rd.	Flood	Town	Flooding in 2014. Washout of culvert.	Complete	Cost	\$80,000	1. Discontinue. 2. 3. Culvert replaced.
						Level of Protection	100%	
						Damages Avoided; Evidence of Success	Loss of roadway	
B3.9	Stream Stabilization in Town of New Albion on Skinner Hollow Rd.	Flood	Town	Extreme erosion and landslide effects from high water.	In Progress	Cost		1. Include in 2020 HMP 2. Stream and bank stabilization as an ongoing project to mitigate damage to waterway. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
B3.10	Stream Stabilization in Town of New	Flood	Town	Flood damage and road scour on roadway and	In Progress	Cost		1. Include in 2020 HMP 2. Stream stabilization as needed to reinforce and avoid loss of shoulders and bank.
						Level of Protection	50%	



Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Damages Avoided; Evidence of Success	Loss of roadway	
	Albion on White Hollow Rd.			shoulder replacement of culverts.		Damages Avoided; Evidence of Success	Loss of roadway	3.
B4.1	Project committee will investigate a plan for county, town employees to perform routine inspections and maintenance – including removal of debris – from road ditches, culverts, streams and other drainage features.	Flood	Town	Debris in ditches	Complete	Cost		1. Discontinue 2. 3. Complete
						Level of Protection		
						Damages Avoided; Evidence of Success		
B4.2	Clean debris from waterways in Town of New Albion on Maple Hill Rd.	Flood	Town	Ongoing problem.	In Progress	Cost		1. Include in 2020 HMP. 2. Continue to monitor debris in stream as needed. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
G1.6	Do a study on the slide at Skinner Hollow in the towns of New Albion, Otto and Mansfield	Landslide	Town	Landslide issues	In Progress	Cost		1. Included 2020 HMP. 2. Study landslide conditions for possible mitigation of reroute of roadway. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
						Level of Protection		
						Damages Avoided; Evidence of Success		



### Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of New Albion has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2014 Plan:

- None identified

### Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of New Albion participated in a mitigation action workshop in September 2020 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.30-15 summarizes the comprehensive range of specific mitigation initiatives the Town of New Albion would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

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

Table 9.30-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.30-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2020-New Albion-001	Implement/Encourage training for Code Enforcement Officers.	3	Flood	<p><b>Problem:</b> 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.</p> <p><b>Solution:</b> Obtain/host specialist training and certification for floodplain managers.</p>	No	None	Within 5 years	County DPW	\$3,000	Certified floodplain managers trained. Floodplain management improved.	County/town budget	High	LPR	PR
2020-New Albion-002	Update the Flood Damage Prevention Ordinance to include freeboard	2	Flood	<p><b>Problem:</b> The Flood Damage Prevention Ordinance does not include the 2' freeboard requirement mandated by NYS.</p> <p><b>Solution:</b> The Flood Damage Prevention Ordinance will be updated to include the 2' freeboard requirement mandated by NYS.</p>	No	None	Within 6 months	Town Board	<\$100	Construction meets state standards	Town budget	High	LPR	PR
2020-New	Continuous Public Education	3	Wildfire	<p><b>Problem:</b> Public needs to be educated</p>	No	None	Within 5 years	County Planning	\$2,000	Public educated	County / town budget	High	EAP	PI







Table 9.30-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
Albion-003				<p>on what they can do to protect their structures from wildfires.</p> <p><b>Solution:</b> Provide information to residents, business owners, and organizations about what they can do to protect their structures from wildfires.</p>										
2020-New Albion-004	Protect Conewango Creek Site 13 Dam to the 500-year flood level	1	Dam Failure, Flood	<p><b>Problem:</b> This important facility is located within the SFHA. If the dam broke could cause flooding and casualties.</p> <p><b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 500-year flood level.</p>	Yes	None	Within 6 months	Floodplain Administrator, Town Highway Department, County OES	Per engineer study	Facility manager aware of options to protect facility to 500-year flood level	Operating budget, HMGP, BRIC	High	SIP	SP
2020-New Albion-005	Protect Niagara Mohawk Power Corp to the 500-year flood level	1	Flood	<p><b>Problem:</b> Niagara Mohawk Power Corp is in the Special Flood Hazard Area.</p> <p><b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility</p>	Yes	None	Within 6 months	Floodplain Administrator	Per engineer study	Facility manager aware of options to protect facility to 500-year flood level	Operating budget, HMGP, BRIC	High	SIP	SP



Table 9.30-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				to the 500-year flood level.										
2020-New Albion-006	Protect Village of Cattaraugus Potable Water to the 500-year flood level	1	Flood	<b>Problem:</b> Village of Cattaraugus Potable Water is in the Special Flood Hazard Area. <b>Solution:</b> The FPA will contact the facility manager and discuss options for protecting the facility to the 500-year flood level.	Yes	None	Within 1 year	Floodplain Administrator	<\$100	Facility manager aware of options to protect facility to 500-year flood level	Operating budget	High	SIP	PP
2020-New Albion-007	Update municipal Emergency Operation Plan	2	All	<b>Problem:</b> EOP may not be responsive to current hazard needs. <b>Solution:</b> Ensure EOP is relevant to hazard needs by updating.	No	None	Within 2 years	Town Board, County OES	\$0	Prepare to respond to hazard events and emergencies	HMGP, BRIC, County EMO, town budget	High	LPR	PR
2020-New Albion-008	Update Building Code to current standards	2	All	<b>Problem:</b> Building Code may not include all current standards. <b>Solution:</b> Ensure Building Code is up to date	No	None	Within 6 months	Town Board	\$0	Ensure construction meets NYS standards	Town budget	Medium	LPR	PR
2020-New Albion-009	Stream Stabilization and clean debris from waterways N Gowin Gulf Rd., Maple Hill Road, White Hollow	2	Flood	<b>Problem:</b> May 2014 flood damage to culvert and stream placement of rip rap to stabilize road shoulder.	No	None	Within 5 years	Town Board	\$35,000	Prevention of compromised roadway integrity.	FEMA HMGP, USDA Community Facilities Grant	High	NSP	NR





Table 9.30-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
	Road, Skinner Hollow Road			<b>Solution:</b> Stabilize these streams via preferred method to ensure safe travel over these important roads.							Program, Municipal Budget			
2020-New Albion-010	Residential Acquisitions (3)	2	Landslide	The Town of New Albion is known for its unstable soil conditions that contribute to slow-moving landslides. The location of the project area is just north of the intersection of Tannery Street, Pepperdine Road with County Road 76 – Lovers Lane. A significant slide has developed, putting at least three (3) residences at risk (Tax map nos. 35.004-3-12, 35.004-3-14, and 35.004-3-10). All three (3) of these homes have been damaged by the landslide to various degrees.	No	No	Within 1 year	Town Board	\$401,500	Eliminated risk to life and property from landslides. Additional open space.	HMGP, BRIC	High	SIP	PP





Table 9.30-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				Acquire the three (3) residences, demolish the existing structures and turn into green space.										
2020-New Albion-011	Residential Acquisition (1)	2	Landslide	<p>The Town of New Albion is known for its unstable soil conditions that contribute to slow-moving landslides. The location of the project area is just north of the intersection of Tannery Street, Pepperdine Road with County Road 76 – Lovers Lane. A significant slide has developed, putting a residence at risk (Tax map no.44.002-3-20.5). This home and surrounding outbuildings have been damaged by the landslide to various degrees.</p> <p>Acquire the parcel, demolish the existing structures and turn into green space.</p>	No	No	Within 1 year	Town Board	\$198,500	Eliminated risk to life and property from landslides. Additional open space.	HMGP, BRIC	High	SIP	PP



Notes:

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

Acronyms and Abbreviations:

CAV	Community Assistance Visit
CRS	Community Rating System
DPW	Department of Public Works
EHP	Environmental Planning and Historic Preservation
FEMA	Federal Emergency Management Agency
FPA	Floodplain Administrator
HMA	Hazard Mitigation Assistance
N/A	Not applicable
NFIP	National Flood Insurance Program
OEM	Office of Emergency Management

Potential FEMA HMA Funding Sources:

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

Timeline:

The time required for completion of the project upon implementation


Cost:

The estimated cost for implementation.

Benefits:

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

Critical Facility:

Yes  Critical Facility located in 1% floodplain

Mitigation Category:

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

CRS Category:

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





Table 9.30-16. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2020-NewAlbion-001	Implement/Encourage training for Code Enforcement Officers.	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-NewAlbion-002	Update the Flood Damage Prevention Ordinance to include freeboard	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-NewAlbion-003	Continuous Public Education	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-NewAlbion-004	Protect Conewango Creek Site 13 Dam to the 500-year flood level	1	1	1	1	1	1	0	1	1	1	0	0	1	0	10	High
2020-NewAlbion-005	Protect Niagara Mohawk Power Corp to the 500-year flood level	1	1	1	1	1	1	0	1	1	1	0	0	1	0	10	High
2020-NewAlbion-006	Protect Village of Cattaraugus Potable Water to the 500-year flood level	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-NewAlbion-007	Update municipal Emergency Operation Plan	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-NewAlbion-008	Update Building Code to current standards	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-NewAlbion-009	Stream Stabilization and clean debris from waterways n Gowin Gulf Rd., Maple Hill Road, White Hollow Road, Skinner Hollow Road	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-New Albion-010	Residential Acquisitions (3)	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High
2020-New Albion-011	Residential Acquisition (1)	1	1	1	1	1	1	0	1	1	1	0	1	1	0	11	High

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





### 9.30.8 Proposed Mitigation Action Types

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

Table 9.30-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Flood	X	X	X		X	X		X	X	
Landslide	X	X			X	X				
Severe Storm	X				X					
Severe Winter Storm	X				X					
Utility Failure	X				X					
Wildfire	X			X	X		X			

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

### 9.30.9 Staff and Local Stakeholder Involvement in Annex Development

The Town of New Albion followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many town departments, including: The Highway Department. The Highway Superintendent represented the community on the Cattaraugus County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

### 9.30.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of New Albion that illustrates the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. The maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of New Albion has significant exposure. The maps are illustrated below.





Figure 9.30-1. Town of New Albion Hazard Area Extent and Location Map 1

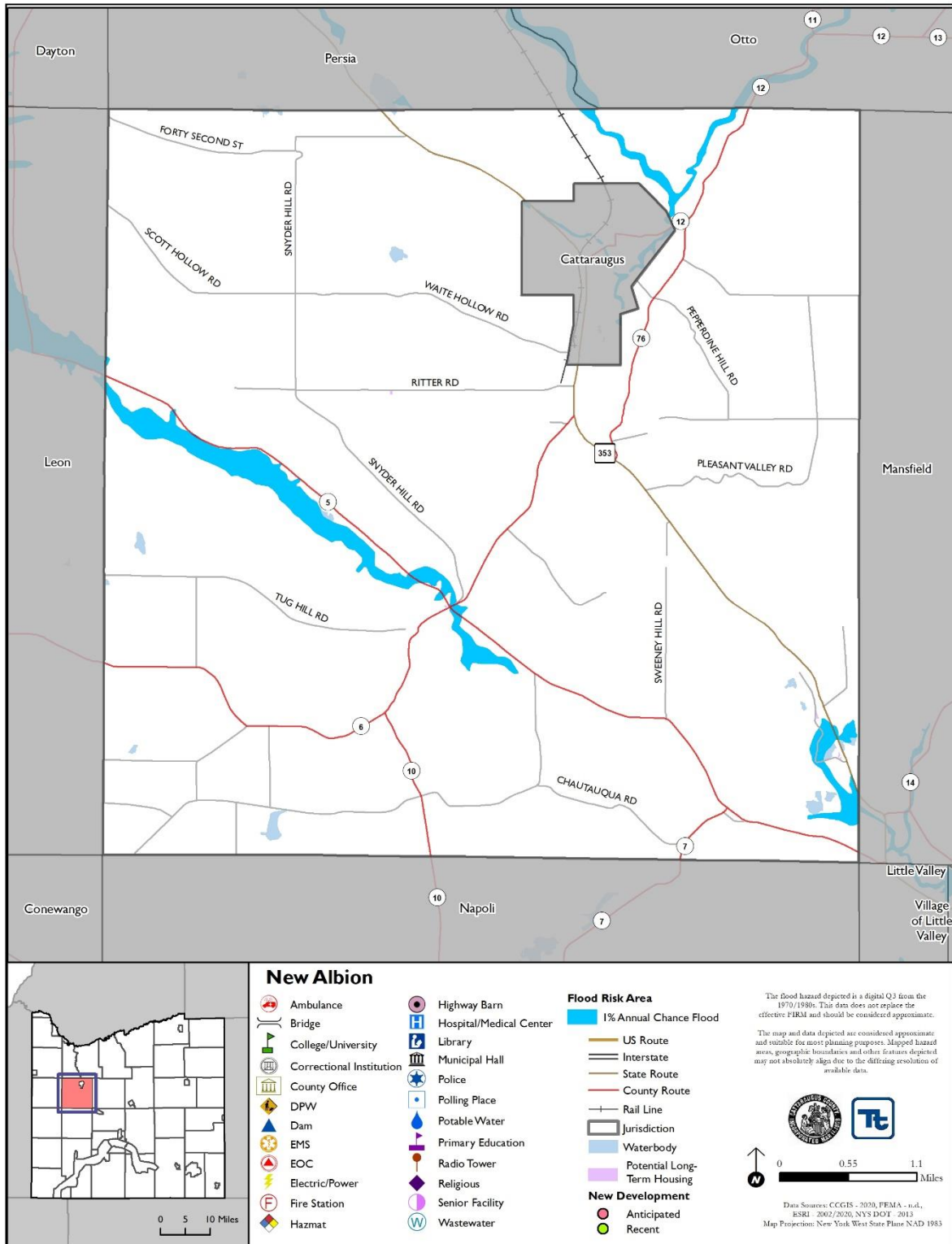
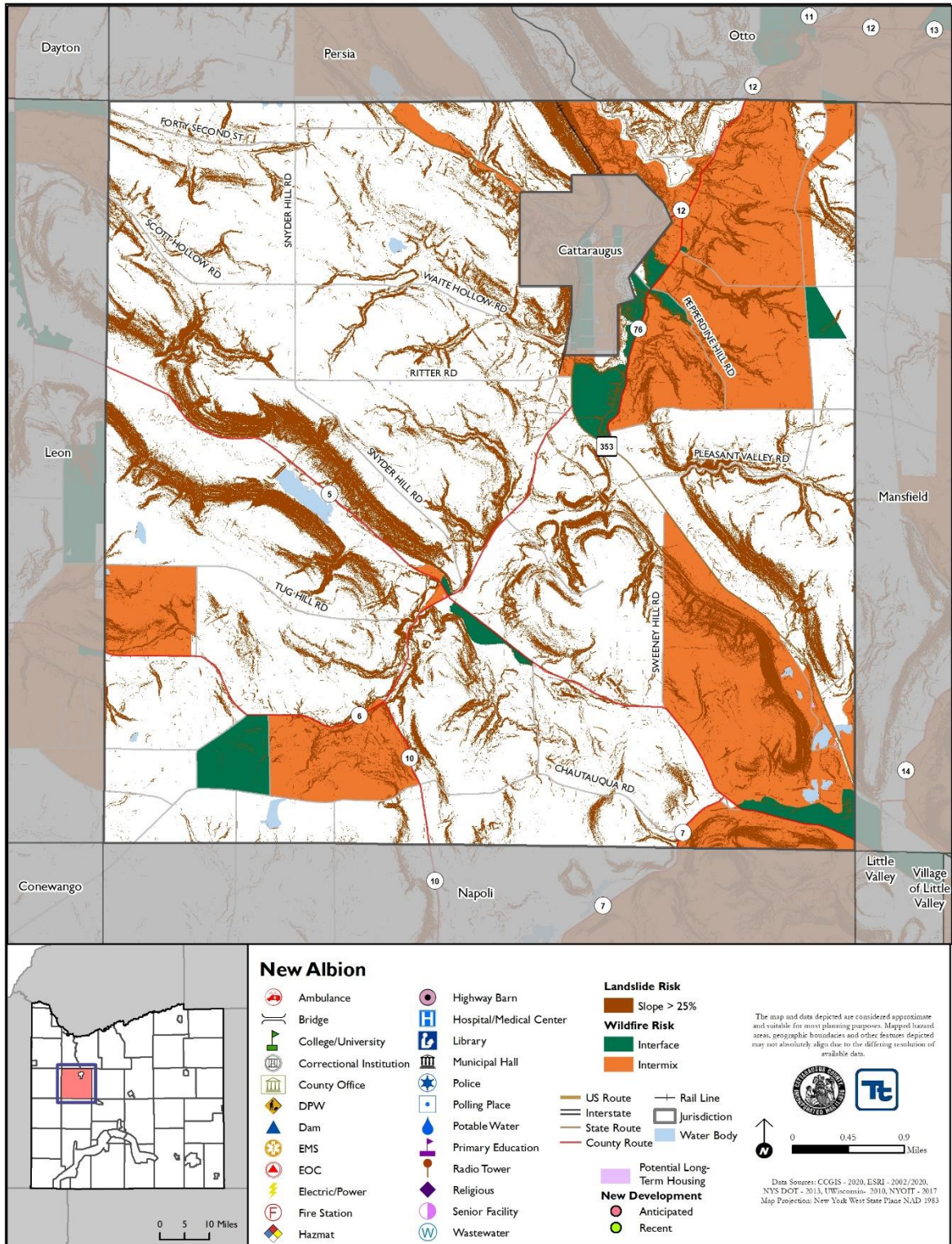






Figure 9.30-2. Town of New Albion Hazard Area Extent and Location Map 2





Cattaraugus County Action Worksheet			
<b>Project Name:</b>	Protect Conewango Creek Site 13 Dam to the 500-year flood level		
<b>Project Number:</b>	2020-New Albion-004		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	Conewango Creek Site 13 Dam is in the Special Flood Hazard Area, subject to damage from flooding. Rupture of the dam would entail a serious safety risk to residents.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual change flood level. The FPA will track conditions of the dam and will try to forward the dam protection project.		
<b>Is this project related to a Critical Facility?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the Special Flood Hazard Area?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	Protect to the 500-year flood level	<b>Estimated Benefits (losses avoided):</b>	Facility manager aware of options to protect facility to 500-year flood level
<b>Useful Life:</b>	25 years	<b>Goals Met:</b>	1
<b>Estimated Cost:</b>	Per Engineering Study	<b>Mitigation Action Type:</b>	Structural Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 6 months
<b>Estimated Time Required for Project Implementation:</b>	5 years	<b>Potential Funding Sources:</b>	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget
<b>Responsible Organization:</b>	Floodplain Administrator	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Shut down dam	High	Lose dam services
	Remove dam	High	Lose dam services
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Protect Conewango Creek Site 13 Dam to the 500-year flood level	
<b>Project Number:</b>	2020-New Albion-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Protect people from dangers of flooding.
Property Protection	1	Project will protect from damages during floods.
Cost-Effectiveness	1	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The town has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Dam Failure, Flood
Timeline	0	
Agency Champion	1	Floodplain Administrator
Other Community Objectives	0	
<b>Total</b>	10	
<b>Priority (High/Med/Low)</b>	High	



Cattaraugus County Action Worksheet			
<b>Project Name:</b>	Protect Niagara Mohawk Power Corp to the 500-year flood level		
<b>Project Number:</b>	2020-New Albion-005		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	Niagara Mohawk Power Corp is in the Special Flood Hazard Area. This is a critically important energy generation facility. It is important to keep it operating and safe from rupture.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The FPA will contact the facility manager and discuss options for protecting the facility to the 500-year flood level. The FPA will continue to collaborate with dam owner to ensure conditions do not deteriorate and that the protection project progresses.		
<b>Is this project related to a Critical Facility?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the Special Flood Hazard Area.?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	Protect to the 500-year flood level	<b>Estimated Benefits (losses avoided):</b>	Facility manager aware of options to protect facility to 500-year flood level
<b>Useful Life:</b>	TBD	<b>Goals Met:</b>	1
<b>Estimated Cost:</b>	TBD	<b>Mitigation Action Type:</b>	Structural Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 2 years
<b>Estimated Time Required for Project Implementation:</b>	Within 6 months	<b>Potential Funding Sources:</b>	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget
<b>Responsible Organization:</b>	Floodplain Administrator	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Request non-profit groups to conduct outreach	\$0	Non-profits could be unable or unwilling to assist.
	Assume property owner will protect facility without assistance	\$0	Property owner might not be aware of flood exposure and possible mitigation actions.
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Protect Niagara Mohawk Power Corp to the 500-year flood level	
<b>Project Number:</b>	2020-New Albion-005	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Protect people from dangers of flooding.
Property Protection	1	Project will protect from damages during floods.
Cost-Effectiveness	1	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The County has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Dam Failure, Flood
Timeline	0	
Agency Champion	1	Floodplain Administrator
Other Community Objectives	0	
<b>Total</b>	10	
<b>Priority (High/Med/Low)</b>	High	



Cattaraugus County Action Worksheet			
<b>Project Name:</b>	Stream Stabilization and clean debris from waterways on Gowin Gulf Rd., Maple Hill Road, White Hollow Road, Skinner Hollow Road		
<b>Project Number:</b>	2020-New Albion-009		
<b>Risk / Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	May 2014 flood damage to culvert and stream placement of rip rap to stabilize road shoulder.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Conduct engineering analysis. Then stabilize these streams via preferred method to ensure safe travel over these important roads.		
<b>Is this project related to a Critical Facility?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the Special Flood Hazard Area.?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	Protect to the 500-year flood level	<b>Estimated Benefits (losses avoided):</b>	Facility manager aware of options to protect facility to 500-year flood level
<b>Useful Life:</b>	10 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	\$35,000	<b>Mitigation Action Type:</b>	Structural Infrastructure Project
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 2 years
<b>Estimated Time Required for Project Implementation:</b>	Within 6 months	<b>Potential Funding Sources:</b>	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget
<b>Responsible Organization:</b>	Floodplain Administrator	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Remove roads	\$20,000 per road	Roadway cannot be removed
	Install culverts	\$20,000-50,000 or more per culvert	Costly
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



ction Worksheet		
<b>Project Name:</b>	Stream Stabilization and clean debris from waterways in Gowin Gulf Rd., Maple Hill Road, White Hollow Road, Skinner Hollow Road	
<b>Project Number:</b>	2020-New Albion-009	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	Protect people from dangers of flooding.
Property Protection	1	Project will protect from damages during floods.
Cost-Effectiveness	1	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The County has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Dam Failure, Flood
Timeline	0	
Agency Champion	1	Floodplain Administrator
Other Community Objectives	0	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Residential Acquisitions (3)		
<b>Project Number:</b>	2020-New Albion-010		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Landslide		
<b>Description of the Problem:</b>	The Town of New Albion is known for its unstable soil conditions that contribute to slow-moving landslides. The location of the project area is just north of the intersection of Tannery Street, Pepperdine Road with County Road 76 – Lovers Lane. A significant slide has developed, putting at least three (3) residences at risk (Tax map nos. 35.004-3-12, 35.004-3-14, and 35.004-3-10). All three (3) of these homes have been damaged by the landslide to various degrees.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	Acquire the three (3) residences, demolish the existing structures and turn into green space.		
<b>Is this project related to a Critical Facility?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the Special Flood Hazard Area?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Eliminated risk to life and property from landslides. Additional open space.
<b>Useful Life:</b>	100 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	\$401,500	<b>Mitigation Action Type:</b>	Structural Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 206 days
<b>Estimated Time Required for Project Implementation:</b>	Within 1 year	<b>Potential Funding Sources:</b>	HMGP, BRIC
<b>Responsible Organization:</b>	Town Board	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Relocation	\$500,000	Residents are removed from danger.
	Acquisition	\$401,500	Selected action
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			





Evaluation and Prioritization		
<b>Project Name:</b>	Residential Acquisitions (3)	
<b>Project Number:</b>	2020-New Albion-010	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Residential Acquisition (1)		
<b>Project Number:</b>	2020-New Albion-011		
<b>Risk / Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	Landslide		
<b>Description of the Problem:</b>	The Town of New Albion is known for its unstable soil conditions that contribute to slow-moving landslides. The location of the project area is just north of the intersection of Tannery Street, Pepperdine Road with County Road 76 – Lovers Lane. A significant slide has developed, putting a residence at risk (Tax map no.44.002-3-20.5). This home and surrounding outbuildings have been damaged by the landslide to various degrees.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Acquire the parcel, demolish the existing structures and turn into green space.		
<b>Is this project related to a Critical Facility?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the Special Flood Hazard Area?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Eliminated risk to life and property from landslides. Additional open space.
<b>Useful Life:</b>	100 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	\$198,500	<b>Mitigation Action Type:</b>	Structural Infrastructure Project
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	45 weeks
<b>Estimated Time Required for Project Implementation:</b>	Within 1 year	<b>Potential Funding Sources:</b>	HMGP, BRIC
<b>Responsible Organization:</b>	Town Board	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Relocation	\$250,000	Residents are removed from danger; additional costs for relocation of outbuildings and barn.
	Acquisition and demolition	\$198,500	Selected action
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Evaluation and Prioritization		
<b>Project Name:</b>	Residential Acquisition (1)	
<b>Project Number:</b>	2020-New Albion-011	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	