



## 9.29 TOWN OF NAPOLI

This section presents the jurisdictional annex for the Town of Napoli. 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 participated in the planning process; an assessment of the Town of Napoli’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.

### 9.29.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of Napoli’s hazard mitigation plan primary and alternate points of contact.

**Table 9.29-1. Hazard Mitigation Planning Team**

Primary Point of Contact	Alternate Point of Contact
Name/Title: Joe Winsor, Town Supervisor Address: 4672 Allegany Rd., Little Valley, NY 14755 Phone Number: (716) 938-6836 x4 Email: NapoliSupervisor@gmail.com	Name/Title: Gary Brecker, Town Code Enforcement Officer Address: PO Box 262, Little Valley, NY 14755 Phone Number: (716) 870-8330
NFIP Floodplain Administrator	
Name/Title: Gary Brecker, Town Code Enforcement Officer Address: PO Box 262, Little Valley, NY 14755 Phone Number: (716) 870-8330	

### 9.29.2 Municipal Profile

The Town of Napoli is in the west of the center of Cattaraugus County and was formed in 1823 from part of the Town of Little Valley. The town is 36 square miles, and is bounded on the north by New Albion, on the east by Little Valley, on the south by Coldspring and the west by Conewango.

Data from the 2018 American Community Survey indicates that the town has a total population of 1,218 at which time 14 percent of the town’s population was 65 or older and 8 percent of the population was under age 5.

### 9.29.3 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 9.29-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. Figure 9.29-1 and Figure 9.29-2 at the end of this annex illustrates the geographically delineated hazard areas and the location of potential new development, where available.



**Table 9.29-2. 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	4	0	6	0	5	0	3	0	6	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	3	0	2	0	3	0	1	0
<b>Total</b>	<b>4</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>7</b>	<b>0</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)

N/A Not applicable

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

### 9.29.4 Capability Assessment

The Town of Napoli 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 9.29.4). The Town of Napoli 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 Napoli and where hazard mitigation has been integrated.



Table 9.29-3. 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	No	-	-	-	Yes	-	-
Comments: None							
Zoning Code	No	-	-	-	No	-	-
Comments: None							
Subdivisions	No	-	-	-	No	-	-
Comments: None							
Stormwater Management	No	-	-	-	Yes	-	-
Comments: None							
Post-Disaster Recovery	No	-	-	-	No	-	-
Comments: 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	-
Comments: None							
Growth Management	No	-	-	-	No	-	-
Comments: None							
Site Plan Review	No	-	-	-	No	-	-
Comments: None							
Environmental Protection	No	-	-	-	Yes	-	-
Comments: None							
Flood Damage Prevention	Yes	Flood Damage Prevention Ordinance dated February 16, 1999.	Local	Town Board	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	No	2020-Napoli-002
Comments: None							
Municipal Separate Storm Sewer System (MS4)	No	-	-	-	Yes	-	-
Comments: None							
Emergency Management	No	-	-	-	Yes	-	-
Comments: None							
Climate Change	No	-	-	-	Yes	-	-
Comments: None							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comments: 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 #.	
Disaster Reconstruction Ordinance	No	-	-	-	No		
Comments: None							
Other	No	-	-	-	-	-	-
Comments: None							
<b>Planning Documents</b>							
Comprehensive Plan	No	-	-	-	No	-	-
Comments: None							
Capital Improvement Plan	No	-	-	-	No	-	-
Comments: None							
Disaster Debris Management Plan	No	-	-	-	No	-	-
Comments: None							
Floodplain or Watershed Plan	No	-	-	-	No	-	-
Comments: None							
Stormwater Plan	No	-	-	-	No	-	-
Comments: None							
Open Space Plan	No	-	-	-	Yes	-	-
Comments: None							
Urban Water Management Plan	No	-	-	-	No	-	-
Comments: None							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comments: None							
Economic Development Plan	No	-	-	-	No	-	-
Comments: None							
Shoreline Management Plan	No	-	-	-	Yes	-	-
Comments: None							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comments: None							
Forest Management Plan	No	-	-	-	No	-	-
Comments: None							
Transportation Plan	No	-	-	-	No	-	-
Comments: None							
Agriculture Plan	No	-	-	-	Yes	-	-
Comments: None							
Other (this could include a climate action plan, tourism)	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 #.	
plan, business development plan, etc.)							
Comments: None							
<b>Response/Recovery Planning</b>							
Comprehensive Emergency Management Plan	No	-	-	-	Yes	-	-
Comments: None							
Strategic Recovery Planning Report	No	-	-	-	No	-	-
Comments: None							
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	Yes	-	-
Comments: None							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comments: None							
Continuity of Operations Plan	No	-	-	-	No	-	-
Comments: None							
Public Health Plan	No	-	-	-	No	-	-
Comments: None							
Other	No	-	-	-	No	-	-
Comments: None							

**Table 9.29-4. 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 Officer
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 Napoli.

**Table 9.29-5. Administrative and Technical Capabilities**

Resources	Available? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	No	-
Mitigation Planning Committee	No	-





Resources	Available? (Yes or No)	Department/ Agency/Position
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	No	-
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)	No	-
Surveyor(s)	No	-
Emergency Manager	Yes	Town Supervisor
Grant writer(s)	No	-
Resilience Officer	No	-
Other	No	-

### Fiscal Capability

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

**Table 9.29-6. Fiscal Capabilities**

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

### Education and Outreach Capability

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



**Table 9.29-7. 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.	Unknown
Other	No

### Community Classifications

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

**Table 9.29-8. 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)	No	-	-
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 9.29-9. Adaptive Capacity**

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low*
Flood	Medium
Landslide	Medium





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

Gary Brecker, Building Inspector/ Code Enforcement Officer.

#### National Flood Insurance Program (NFIP) Summary

The Town of Napoli 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 Napoli do not adequately address the flood risk within the town.

The following table summarizes the NFIP statistics for the Town of Napoli.

Table 9.29-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Town of Napoli	1	2	\$43,720	0

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

### Resources

The Town of Napoli 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 request training to support its floodplain management program. The town does not require NFIP administration services and did not identify any barriers within the community to running an effective NFIP program. The town has not had to propose development on an existing structure as a substantial improvement.

### Compliance History

The Town of Napoli does not have any outstanding NFIP compliance violations that need to be addressed. Town of Napoli has not had a Community Assistance Visit (CAV), but had a Community Assistance Contact (CAC) visit in June 1992.





### Regulatory

The Town of Napoli's Flood Damage Prevention Ordinance is dated February 16, 1999. The town's floodplain management program does not meet the minimum requirements. There are other local ordinances, plans, or programs that support floodplain management and meeting the NFIP requirements.

### Additional Areas of Existing Integration

None identified

### 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 Napoli has identified State Route 242 and County Route 10 as evacuation routes.

#### Sheltering

The Town of Napoli has no officially identified shelters but will do so when necessary. The town will work with the county to identify a shelter at the time of an emergency.

#### Temporary Housing

The Town of Napoli has not identified locations for the placement of temporary housing for residents displaced by disasters. Action 2020-Napoli-008, to identify specific locations for temporary housing, is included in the town's list of proposed mitigation initiatives.

#### Permanent Housing

The Town of Napoli has not identified 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. Cattaraugus County has been and will continue to be involved in identification of permanent housing. Action 2020-Napoli-008, to identify specific locations for new permanent housing, is included in the town's list of proposed mitigation initiatives. Possible locations that have been identified are shown in Section 2 (County Profile) and the maps at the end of this annex.

### 9.29.5 Hazard Event History Specific to the Town of Napoli

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 of Napoli'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 9.29-11 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 9.29-11. 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 Napoli 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	Although the county was impacted, the Town of Napoli did not report any damages.
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 Napoli 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 Napoli 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 Napoli 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 Napoli did not report any damages.

Notes:

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

### 9.29.6 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 of Napoli’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 Napoli. The Town of Napoli 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.

The Town of Napoli indicated agreement with the following hazard rankings.

Table 9.29-12. 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 criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities in the community located in the 1-percent 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 9.29-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure 1% Event	Addressed by Proposed Action
None identified			

Source: Town of Napoli, 2020



## Identified Issues

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The municipality has identified the following vulnerabilities within their community:

- 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.

### 9.29.7 Mitigation Strategy and Prioritization

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

#### Past Mitigation Initiative Status

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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 9.29-14. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if project status is 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	
B3.14	Stream Stabilization in Town of Napoli on Narrows Rd.	Flood	Streambanks unstable	Town	In Progress			1. Include in 2020 HMP 2. 3.
						Damages Avoided; Evidence of Success		



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

The Town of Napoli 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

### Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Napoli 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 9.29-15 summarizes the comprehensive range of specific mitigation initiatives the Town of Napoli 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 9.29-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.29-15. 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-Napoli-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-Napoli-002	Update the Flood Damage Prevention Ordinance	2	Flood	<p><b>Problem:</b> The Flood Damage Prevention Ordinance does not include the 2' freeboard</p>	No	None	Within 6 months	Town Board	<\$100	Construction meets state standards	Town budget	High	LPR	PR



Table 9.29-15. 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 include freeboard			requirement mandated by NYS. <b>Solution:</b> The Flood Damage Prevention Ordinance will be updated to include the 2' freeboard requirement mandated by NYS.										
2020-Napoli-003	Continuous Public Education	3	Wildfire	<b>Problem:</b> Public needs to be educated on what they can do to protect their structures from wildfires. <b>Solution:</b> Provide information to residents, business owners, and organizations about what they can do to protect their structures from wildfires. This will be done via pamphlets and website resources and include such information as: the dissemination	No	None	Within 5 years	County Planning, Town Board	\$2,000	Public educated	County / town budget	High	EAP	PI







Table 9.29-15. 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
				of American Red Cross evacuation centers, supplies to have on hand, listing of emergency telephone numbers.										
2020-Napoli-004	Stream stabilization on Narrows Road	2	Flood	<p><b>Problem:</b> Banks eroding along creek along Narrows Road. Causes hazard to travelers.</p> <p><b>Solution:</b> After completing feasibility study, stabilize banks using appropriate methods.</p>	No	None	Within 1 year	Town	Pending feasibility study	Retain road integrity for public passage	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget	Medium	NSP	NR
2020-Napoli-005	Update municipal Emergency Operation Plan	2	All	<p><b>Problem:</b> The town's Emergency Operations Plan may be out of date</p> <p><b>Solution:</b> Determine relevance of current EOP and update as needed.</p>	No	None	Within 1 year	Town Board, County OES	\$10,000	Improve Town response preparing for and responding to emergencies.	HMGP, town budget, BRIC, County OES	High	LPR	PR
2020-Napoli-006	Update Building Code to	2	All	<p><b>Problem:</b> Building Code may not be up to</p>	No	None	Within 6 months	Town Board	< \$100	Ensure construction meets	Municipal budget	High	LPR	PR



Table 9.29-15. 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
	current standards			<p>date to current standards. Substandard construction could occur.</p> <p><b>Solution:</b> Ensure Building Code is up to date. Ensure standard quality construction will be built.</p>						standards for hazard resistance				
2020-Napoli-007	Install backup generator at Town Highway Department	1	Utility Failure	<p><b>Problem:</b> The Highway Department lacks backup power to keep this critical facility open during an emergency or when power fails.</p> <p><b>Solution:</b> After engineering study, Install backup generator at Waverly Street pumps, minimum 75 kw.</p>	Yes	None	Within 1 year	Engineer, Highway Department	\$20,000	Ensure facility is operational during emergencies	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget	High	SIP	PP
2020-Napoli-008	Identify locations for permanent and	2	All	<p><b>Problem:</b> The town has not identified locations for temporary or</p>	No	None	Within 1 year	Town Board	\$0	Ensure locations are readily available for	Town budget	High	LPR	ES



Table 9.29-15. 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
	temporary housing			<p>permanent housing in the event of a disaster.</p> <p><b>Solution:</b> Town staff will analyze properties and other attributes to identify likely potential sites for temporary and permanent housing. Confer with County Emergency Management.</p>						housing as needed.				
2020-Napoli-009	Work with FEMA to update floodplain maps	2	Flood	<p><b>Problem:</b> Town staff note that FEMA floodplain maps may be out of date.</p> <p><b>Solution:</b> The Town should reach out to FEMA and request an updated set of floodplain maps for the town.</p>	No	None	Within 1 year	Town Code Enforcement and Town Board	\$0	Accurate maps will help with floodplain administration	Town Budget and FEMA staff and funding sources	High	LPR	PR



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 9.29-16. 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	Total	High / Medium / Low
2020-Napoli-001	Implement/ Encourage training for Code Enforcement Officers.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2020-Napoli-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-Napoli-003	Continuous Public Education –	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Napoli-004	Stream stabilization on Narrows Road	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-Napoli-005	Update municipal Emergency Operation Plan	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-Napoli-006	Update Building Code to current standards	1	1	1	1	1	1	0	1	1	1	0	1	1	1	12	High
2020-Napoli-007	Install backup generator at Town Highway Department	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Napoli-008	Identify locations for permanent and temporary housing	1	1	1	1	1	1	0	1	1	1	0	1	1	1	12	High

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



### 9.29.8 Proposed Mitigation Action Types

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

Table 9.29-17. 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		
Landslide	X	X			X	X				
Severe Storm	X	X			X	X				
Severe Winter Storm	X	X			X	X				
Utility Interruption	X	X			X	X				
Wildfire	X	X		X	X	X	X			

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

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

The Town of Napoli 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 Town Supervisor 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).

### 9.29.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Napoli that illustrate 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 is adequate for planning purposes. The maps have been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Napoli has significant exposure. The maps are illustrated below.





Figure 9.29-1. Town of Napoli Hazard Area Extent and Location Map 1

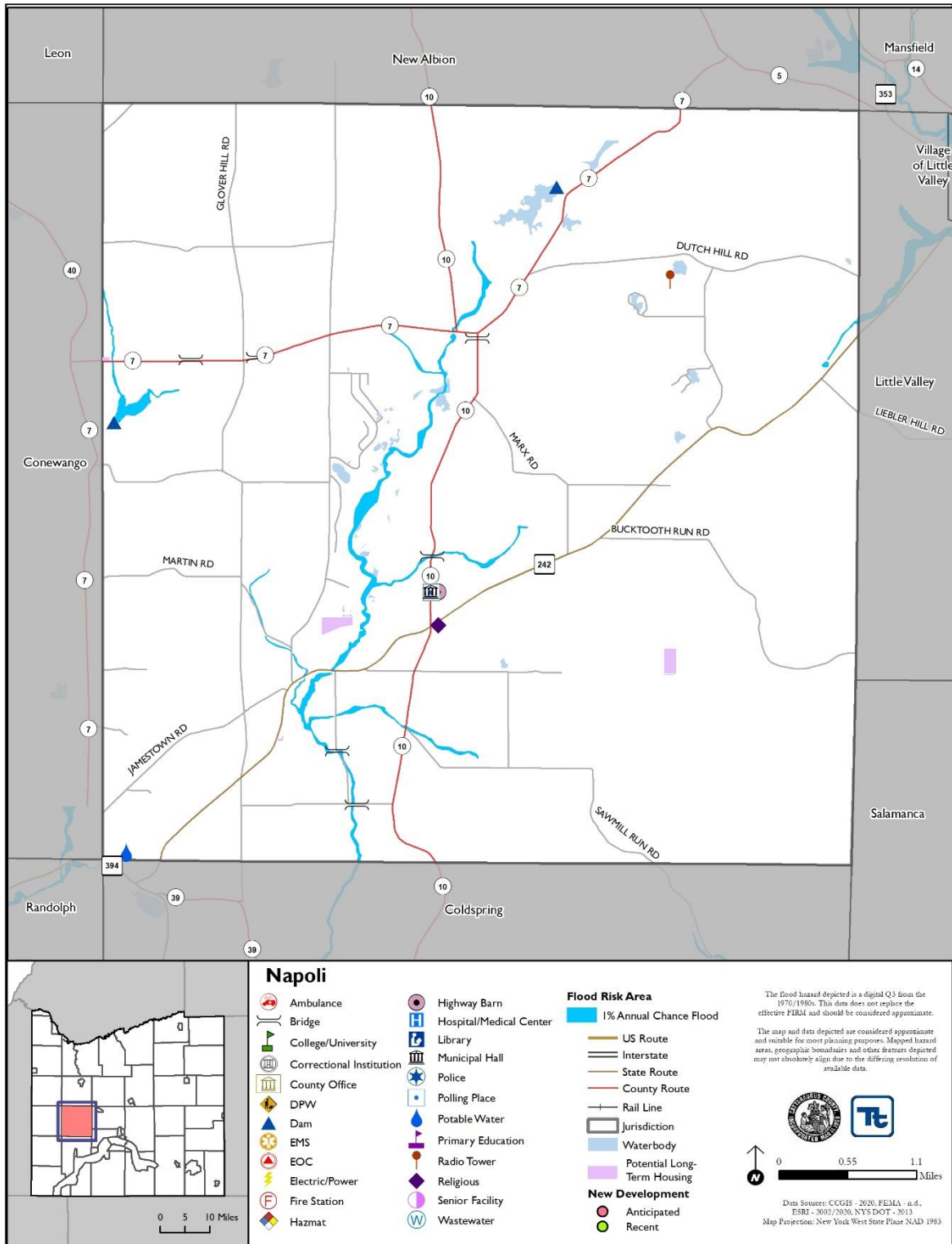
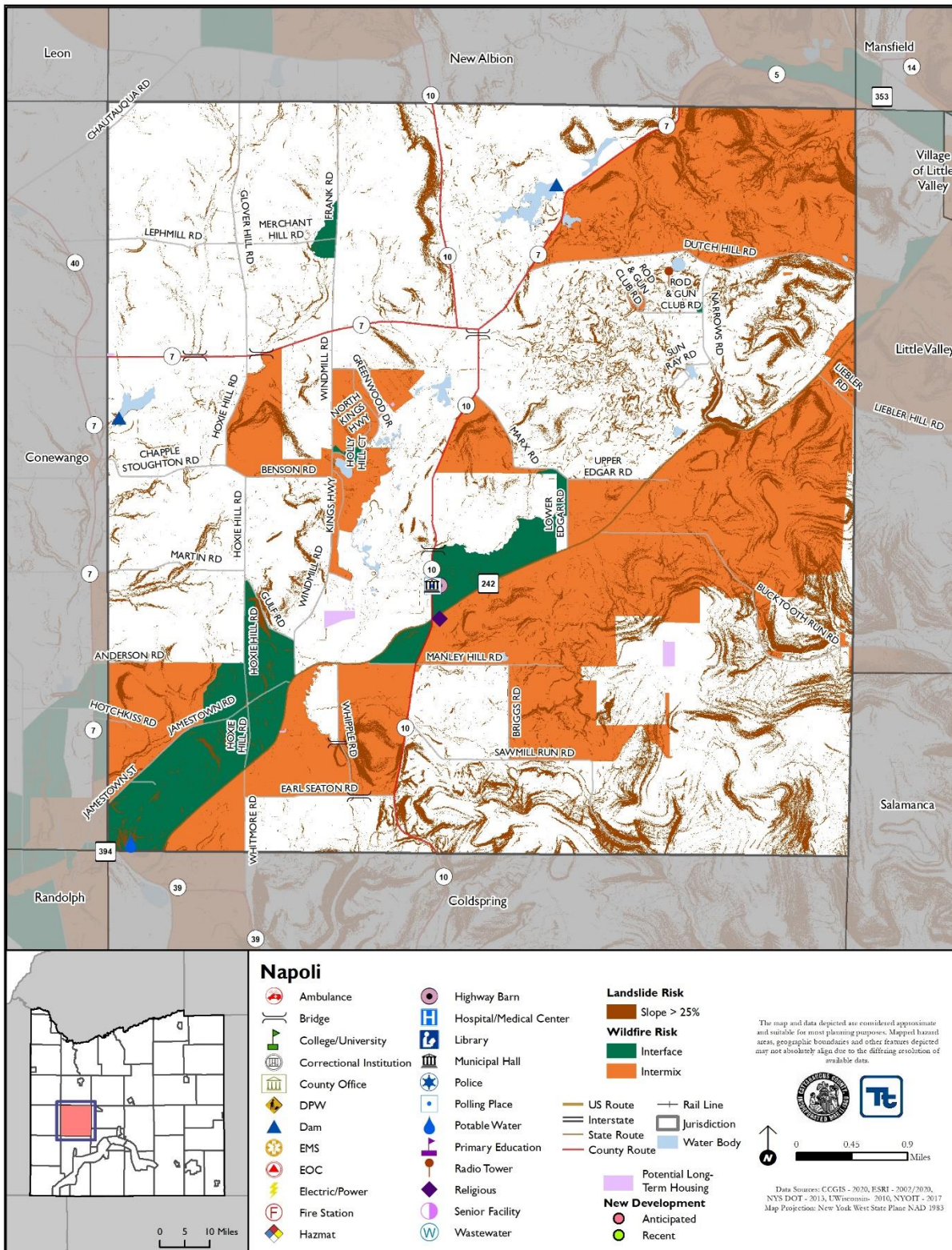






Figure 9.29-2. Town of Napoli Hazard Area Extent and Location Map 2







Action Worksheet			
<b>Project Name:</b>	Stream stabilization on Narrows Road		
<b>Project Number:</b>	2020-Napoli-004		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	Banks are eroding along creek along Narrows Road which caused potential hazard for travelers on the roadway. .		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	After completing feasibility study, the town Highway Department will stabilize banks using appropriate methods.		
<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 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>	N/A	<b>Estimated Benefits (losses avoided):</b>	Ensures continuity of operations of the roadway
<b>Useful Life:</b>	20 years	<b>Goals Met:</b>	1
<b>Estimated Cost:</b>	Pending feasibility study	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects (SIP)
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 1 years
<b>Estimated Time Required for Project Implementation:</b>	1 year	<b>Potential Funding Sources:</b>	FEMA HMGP, BRIC, Municipal Budget
<b>Responsible Organization:</b>	Engineer	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Install solar panels	\$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	\$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
<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>	Stream stabilization on Narrows Road	
<b>Project Number:</b>	2020-Napoli-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
<b>Life Safety</b>	1	Project will protect passage over this road.
<b>Property Protection</b>	1	Project will allow local residents to pass safely over this road.
<b>Cost-Effectiveness</b>	1	
<b>Technical</b>	1	
<b>Political</b>	1	
<b>Legal</b>	1	The town has the legal authority to complete the project.
<b>Fiscal</b>	0	Project requires funding support.
<b>Environmental</b>	1	
<b>Social</b>	1	
<b>Administrative</b>	1	
<b>Multi-Hazard</b>	0	Flood
<b>Timeline</b>	0	Within 5 years
<b>Agency Champion</b>	1	Engineer
<b>Other Community Objectives</b>	1	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Install backup generator at Town Highway Department		
<b>Project Number:</b>	2020-Napoli-007		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Utility Failure		
<b>Description of the Problem:</b>	Backup power sources are necessary to maintain critical services for critical facilities. The Town Highway Department does not have backup power. It is important to have this facility available for service during and after hazard events.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The town will hire an engineer to determine appropriate size, location and type of backup power is appropriate. The town will then install a backup generator and necessary electrical hookups at Town Highway Department.		
<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 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>	N/A	<b>Estimated Benefits (losses avoided):</b>	Ensures continuity of operations of Town Hall
<b>Useful Life:</b>	20 years	<b>Goals Met:</b>	1
<b>Estimated Cost:</b>	\$20,000	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects (SIP)
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 1 year
<b>Estimated Time Required for Project Implementation:</b>	1 year	<b>Potential Funding Sources:</b>	FEMA HMGP, USDA Community Facilities Grant Program, Municipal Budget
<b>Responsible Organization:</b>	Engineer, Highway Department	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Install solar panels	\$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	\$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
<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>	Install backup generator at Town Highway Department	
<b>Project Number:</b>	2020-Napoli-007	
<b>Criteria</b>	<b>Numeric Rank (-1, 0, 1)</b>	<b>Provide brief rationale for numeric rank when appropriate</b>
<b>Life Safety</b>	1	Project will protect critical services at the Town Highway Department
<b>Property Protection</b>	1	Project will protect the Town Highway Department from power loss.
<b>Cost-Effectiveness</b>	1	
<b>Technical</b>	1	
<b>Political</b>	1	
<b>Legal</b>	1	The town has the legal authority to complete the project.
<b>Fiscal</b>	0	Project requires funding support.
<b>Environmental</b>	1	
<b>Social</b>	1	
<b>Administrative</b>	1	
<b>Multi-Hazard</b>	0	Utility failure
<b>Timeline</b>	0	Within 5 years
<b>Agency Champion</b>	1	Engineer, Highway Department
<b>Other Community Objectives</b>	1	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	