



## 9.8 TOWN OF FORT ANN

This section presents the jurisdictional annex for the Town of Fort Ann.

### 9.8.1 Hazard Mitigation Plan Point of Contact

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

Primary Point of Contact	Alternate Point of Contact
Richard Moore - Supervisor 80 George Street, Fort Ann, NY Phone: 518-639-8929 Email: supervisorfortann@gmail.com	Paul Winchell – Highway Superintendent 80 George Street, Fort Ann, NY Phone: 518-639-8950 Email: pwinchell@townoffortann.com

### 9.8.2 Municipal Profile

The Town of Fort Ann is in the Adirondack Mountains in New York State and is located in the northern region of Washington County. The Town is bordered to the north by the Town of Dresden, to the south by the Towns of Granville, Hartford, and Kingsbury, to the east by the Towns of Whitehall and Granville, and to the west by the Towns of Queensbury and Bolton, which are located in Warren County. The following hamlets are found in the Town: Comstock, Fort Ann, Furnace Hollow, Hogtown, Johnnycake Corners, Kattskill Bay, Pilot Knob, Shelving Rock, South Bay, Tripoli, and West Fort Ann. Lake Nebo, Hadlock Pond, South Bay, and Lake George are major bodies of water found throughout the Town.

The Town, the largest in Washington County, has a total area of 110.8 square miles, of which, 109.5 square miles is land and 1.3 square miles is water. According to the 2010 Census, the community's population was 6,417 (inclusive of Fort Ann Village). The Town is governed by the Town Board consisting of the town council and the town supervisor.

### Growth/Development Trends

The following table summarizes recent residential/commercial development since 2010 to present and any known or anticipated major residential/commercial development and major infrastructure development that has been identified in the next five years within the municipality.

**Table 9.8-1. Growth and Development**

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
<b>Recent Development from 2010 to present</b>					
Moose Hillock Campground	Comm.	287 campsites - 6 to 8 structures	Route 149	None	completed
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
None identified by the Town.					

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

### 9.8.3 Natural Hazard Event History Specific to the Municipality





Washington County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 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. For the purpose of this plan update, events that have occurred in the County from 2008 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

**Table 9.8-2. Hazard Event History**

Dates of Event	Event Type (FEMA Disaster Declaration if applicable)	Washington County Designated?	Summary of Damages/Losses
July 2-3, 2005	Flash Flooding	N/A	The Town noted that this event impacted the municipality; however, losses were not significant.
December 11-31, 2008	Severe Winter Storm DR-1827	Yes	The Town noted that this event impacted the municipality; however, losses were not significant.
August 26-September 5, 2011	Hurricane/T.S. Irene DR-4020	Yes	The Town noted that this event impacted the municipality; however, losses were not significant.
July 11, 2013	Beaver Dam Failure – Flooding DR-4129	No	The Town noted that this event impacted the municipality; however, losses were not significant.

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- IA Individual Assistance
- N/A Not applicable
- PA Public Assistance

### 9.8.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Town of Fort Ann. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0. Refer to Figure 9.8-1 later in this annex for hazard vulnerable areas located in the Town of Fort Ann.

#### Natural Hazard Risk/Vulnerability Risk Ranking

As discussed in Section 5.3 (Hazard Ranking), each participating town or village may have differing degrees of risk exposure and vulnerability compared to Washington County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Fort Ann. Table 9.8-12 provides proposed mitigation initiatives for the high ranked hazards.

**Table 9.8-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Earthquake	100-Year GBS: \$0	Occasional	28	Medium





Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
	500-Year GBS: \$3,877,453 2,500-Year GBS: \$44,550,107			
Flood	Damage estimate not available.	Frequent	36	High
Severe Weather	100-Year MRP: \$141,647 500-year MRP: \$1,574,454 Annualized: \$10,233	Frequent	48	High
Severe Winter Weather	1% GBS: \$6,837,322 5% GBS: \$34,186,608	Frequent	51	High
Wildfire	Estimated Value in the WUI Hazard Areas: \$711,968,012	Frequent	48	High

Notes:

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. The valuation of general building stock and loss estimates was based on custom inventory for the municipality.  
High = Total hazard priority risk ranking score of 31 and above  
Medium = Total hazard priority risk ranking of 20-30+  
Low = Total hazard risk ranking below 20
- c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
- d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
- e. The HAZUS-MH earthquake model results are reported by Census Tract.
- f. Damage estimate for flood unavailable due to lack of digital floodplain data for Washington County.

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

The following table summarizes the NFIP statistics for the Town of Fort Ann.

**Table 9.8-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)
Fort Ann (T)	13	3	\$132,754	0	0

Source: FEMA, 2016

Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of April 30, 2016 and are summarized by Community Name. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents claims closed by 4/30/2016.

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

Note (3) The policies inside and outside of the flood zones are unavailable due to lack of digital floodplain for Washington County.

Note (4) FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility.

**Critical Facilities**

At the time of this HMP Update, digitized flood maps for Washington County are unavailable. In order to provide some level of beneficial analysis, a desktop analysis was performed to identify critical facilities located within the floodplain (refer to Section 5.1 [Methodology and Tools] for details). The following table identifies critical facilities located within the municipality and their exposure, if any, to the possible floodplain. This information is a resource for the municipality to determine if flood mitigation actions are appropriate based on historical events and proximity of the facility to a water body. At the time of this 2018 HMP Update, the municipality did not identify any actions associated with these facilities.





The Town of Fort Ann understands the limitation of the map data and once the updated maps are available, the municipality will work with Washington County to determine which critical facilities are located within the 1% and 0.2% annual chance flood zones. Once identified, the municipality will work with the property owners and develop mitigation actions for each of the critical facilities, ensuring they will be protected to the 500-year (or worst-case scenario) level.

**Table 9.8-5. Potential Flood Losses to Critical Facilities**

Name	Type	Potential Flood Exposure
West Fort Ann Fire Department	Fire	X
Golden Goal Sports Complex	Park & Rec	X
Champlain Canal Lock 11	Canal Lock	X
US Postal Service - Comstock	Post Office	X
Pilot Knob Volunteer Fire Association	Fire	X

Source: Washington County; NYS GIS Clearinghouse

**Other Vulnerabilities Identified**

The municipality has identified the following vulnerabilities within their community:

- None identified

**9.8.5 Capability Assessment**

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms

**Planning and Regulatory Capability**

The table below summarizes the regulatory tools that are available to the Town of Fort Ann.

**Table 9.8-6. Planning and Regulatory Tools**

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				
Master Plan	No	-	-	-
Capital Improvements Plan	No	-	-	-
Floodplain Management / Basin Plan	No	-	-	-
Stormwater Management Plan	No	-	-	-
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-





Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Watershed Management or Protection Plan	No	-	-	-
Local Waterfront Revitalization Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	Yes	County	County	Washington County CEMP
Emergency Operation Plan	No	-	-	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:	No	-	-	-
<b>Regulatory Capability</b>				
Building Code	Yes	State and Local	Code Enforcement (County)	Building Code of New York State (NYS), Local Law #1
Zoning Ordinance	No	-	-	-
Subdivision Ordinance	Yes	Local	Code Enforcement (County)	Local Law #5 Of 1990
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local	Town Supervisor	Information not provided at the time of the 2018 HMP Update
NFIP: Freeboard	Yes	State, Local	Code Enforcement (County)	State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
NFIP: Cumulative Substantial Damages	No	-	-	-
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	Yes	Town	Planning Board	Information not provided at the time of the 2018 HMP Update
Stormwater Management Ordinance	No	-	-	-
Municipal Separate Storm Sewer System (MS4)	No	-	-	-
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	NYS Department of State, Real Estate Agent	NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	No	-	-	-

**Administrative and Technical Capability**

The table below summarizes potential staff and personnel resources available to the Town of Fort Ann.





**Table 9.8-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	Yes	County
Maintenance Programs to Reduce Risk	No	-
Mutual Aid Agreements	Yes	Fire & Rescue
<b>Technical/Staffing Capability</b>		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Yes	Engineer for the Town
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Engineer for the Town
Planners or engineers with an understanding of natural hazards	Yes	Engineer for the Town
NFIP Floodplain Administrator	Yes	Town Supervisor
Surveyor(s)	No	-
Personnel skilled or trained in GIS and/or HAZUS-MH applications	Yes	County
Scientist familiar with natural hazards	No	-
Emergency Manager	Yes	Supervisor
Grant Writer(s)	No	-
Staff with expertise or training in benefit/cost analysis	Yes	Engineer
Professionals trained in conducting damage assessments	No	-

**Fiscal Capability**

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

**Table 9.8-8. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Village – Water & Sewer
Impact Fees for homebuyers or developers of new development/homes	Yes
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



Financial Resources	Accessible or Eligible to Use (Yes/No)
Other Federal or State Funding Programs	Yes
Open Space Acquisition Funding Programs	No
Other	No

**Community Classifications**

The table below summarizes classifications for community program available to the Town of Fort Ann.

**Table 9.8-9. Community Classifications**

Program	Do you have this? (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	6/6X	9/17/15
NYSDEC Climate Smart Community	No	-	-
Storm Ready	No	-	-
Firewise	No	-	-
Disaster/Safety Programs in/for Schools	No	-	-
Organizations with Mitigation Focus (advocacy group, non-government)	No	-	-
Public Education Program/Outreach (through website, social media)	No	-	-
Public-Private Partnerships	No	-	-

*N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.*

The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1000 feet of a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule website at: <https://www.isomitigation.com/bcegs/>
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <https://www.weather.gov/stormready/>
- The National Firewise Communities website at <http://firewise.org/>

**Self-Assessment of Capability**





The table below provides an approximate measure of the Town of Fort Ann’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9.8-10. Self-Assessment Capability for the Municipality**

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?) *	Moderate	High
Planning and Regulatory Capability	X – limited staff and funding		
Administrative and Technical Capability	X – limited staff and funding		
Fiscal Capability		X	
Community Political Capability	X – limited staff and funding		
Community Resiliency Capability	X – limited staff and funding		
Capability to Integrate Mitigation into Municipal Processes and Activities.	X – limited staff and funding		

**National Flood Insurance Program**

**NFIP Floodplain Administrator (FPA)**

While the Flood Damage Prevention Ordinance indicates that the town supervisor is the FPA; Mark Miller, Enforcement Officer, provided the following information.

**Flood Vulnerability Summary**

The Town does not currently maintain a list of properties that have been flood damaged or a list of property owners who are interested in some sort of mitigation action. No properties were identified as having been damaged during a storm event, such as Hurricane Floyd or Hurricane Irene. The Town does not make Substantial Damage estimates, and none have been declared as a result of a past storm event.

**Resources**

The FPA is the sole person assuming the responsibilities of floodplain administration for the Town. The NFIP administration services provided by the FPA include permit review, while the County is responsible for inspection. The Town does not provide any education and outreach to the community in regard to flood hazards/risk and flood risk reduction through NFIP insurance and mitigation. The FPA indicated he is currently training to adequately fulfill his responsibility as the municipal floodplain administrator and would attend continuing education and/or certification training on floodplain management if it were offered locally.

**Compliance History**

The community is in good standing with the NFIP. According to the NYS DEC, the Town has not had a compliance visit conducted.

**Regulatory**

The Town’s floodplain management regulations and ordinances meet the FEMA and State minimum requirements. The Town’s site plan review considers efforts to reduce flood risk when reviewing variances. At the time of this plan update, the Town is in the process of joining the CRS program.







## Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

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, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

### Planning

**Land Use Planning:** The Planning Board reviews applications for site development, land subdivisions, and other permits as authorized in the Town code. It also advises the Town Board on zoning change and special use permit applications and develops short- and long-range land use planning policies.

The Town of Fort Ann falls under the jurisdiction of the Adirondack Park Agency (APA), and therefore is subject to the APA Land Area Use Classification. In addition, Lake George Park Commission (LGPC) is a State agency that issues construction permits in and adjacent to Lake George that may apply to projects/properties in the Town of Fort Ann. LGPC permits, SEQRA Review or other approvals may be needed for Stormwater management Docks, wharfs and moorings, projects in a wetland, fish spawning areas or other environmentally sensitive areas, and excavation and fill (cribs and seawalls).

**Lake Champlain Watershed Water Quality Management Planning: Roadside Erosion Assessment and Inventory:** The Lake Champlain Watershed Water Quality Management Planning project was one of 11 projects in New York State that was funded through the Federal Government's American Recovery and Reinvestment Act Initiative. The goal of the project was to identify critically eroding roadside banks that have contributed significant sediment loads to the high-quality streams throughout the Champlain Watershed (Clinton, Essex, Franklin, Warren and Washington Counties). The plan identified 319 roadside erosion sites in need of remediation. In Washington County, 31 sites were identified (12 high priority, 11 moderate priority, and 8 low priority). Seven sites were located in the Town of Fort Ann.

**Public Safety and Emergency Management:** The Town contracts for fire protection services with the West Fort Ann and the Pilot Knob Fire Districts.

### Regulatory and Enforcement

**Code Enforcement:** Washington County provides code enforcement duties and responsibilities to the Town of Fort Ann.

**Construction Codes, Uniform:** The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The Town complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code). Washington County handles all building, septic and chimney permits for the Town of Fort Ann.

**Flood Damage Prevention:** This ordinance promotes the public health, safety, and general welfare of residents and seeks to minimize public and private losses due to flood conditions. It regulates development to promote flood resistant structures and controls the alteration of floodplains to prevent increased vulnerability.

**Sewers:** The Town abides by the County-wide Sanitary Code, which protects and regulates its sewage collection and treatment facilities as a matter of public health and environmental safety. It seeks to prohibit the introduction of stormwater, surface, or sub-surface waters into sanitary sewers and to control the quantity and quality of wastes in the sewage system.



**Subdivision of Land:** The Town’s Planning Board is tasked with site plan/subdivision review. The Planning Board pays special attention to ensure that developments mitigate the issues associated natural hazards.

**Dams:** The Town engineer inspects the dams in the municipality annually and maintenance is performed as needed.

### Fiscal

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**Operating Budget:** The Town’s operating budget contains minimal provisions for expected repairs like snow removal, leaf pickup, and infrastructure repair after a storm or natural disaster. The Town also allots funding for maintaining Town roads and town property grounds, equipment used by the highway department, and contractual expenses as needed to supplement highway department staff capabilities. The tentative 2015 budget allocated \$240,000 under Capital Outlay.

### Education and Outreach

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The Town Supervisor posts safety information, including a list of resources available to Senior Citizens, on the Town bulletin board. The town website provides address and phone numbers for local emergency resources, including the Fort Ann Rescue Squad, Fort Ann Volunteer Fire Department, West Fort Ann Volunteer Fire Department, and Pilot Knob Volunteer Fire Department.

## 9.8.6 Mitigation Strategy and Prioritization

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

### Past Mitigation Initiative Status

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The following table indicates progress on the community’s mitigation strategy identified in the 2010 Plan. It should be noted that during the 2010 planning process, only general, countywide actions were identified for each municipality. The Town of Fort Ann reviewed the previous actions and selected actions they chose to carry forward as part of this plan update. 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 9.8-11. Status of Previous Mitigation Actions**

2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2018 HMP or Discontinue)	Describe Next Step
Improve drainage at sites where roads have washed out due to natural hazards in the past	County and NYS DHSES	In progress	Larger culverts & more ditching	Include in 2018 HMP	Replace undersized culverts and improve drainage at sites where roads have washed out.
Purchase equipment to provide for local personnel to conduct the drainage improvement	County and NYS DHSES	In progress	Larger culverts & more ditching	Include in 2018 HMP	Replace undersized culverts and improve drainage at sites where roads have washed out.
Engineering assessment to determine feasibility of each site improvement	County and NYS DHSES	In progress	Larger culverts & more ditching	Include in 2018 HMP	Replace undersized culverts and improve drainage at sites where roads have washed out.
Improve dams to prevent flooding causing roads to wash out.	County and NYS DHSES	In Progress	100% Hadlock Pond dam repair	Discontinue	Annual inspection by engineer & maintenance – ongoing capability for the Town
Improve identified sites where slope stability is subject to land subsidence and where excavation or planting could mitigate future damage.	County and NYS DHSES	No progress	0% Mattison Rd	Include in 2018 HMP	Possible grant money 2017





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

The Town of Fort Ann has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2010 Plan:

- Culverts on Goodman Rd replaced by a bridge
- Larger culverts installed on Lake Nebo Rd
- Additional culvert added to Mattison Rd
- Larger culvert added to Shelving Rock Rd
- Bridge replaced on Joe Green Rd
- Bridge replaced on County Rt-16
- Larger culverts installed at Shelving Rock Rd & Sly Pond Rd

### Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Fort Ann participated in a mitigation action workshop in September 2016 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 9.8-12 summarizes the comprehensive-range of specific mitigation initiatives the Town of Fort Ann 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 9.8-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.8-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
T. Fort Ann-1 (previous action)	Lake Nebo Road - stabilize with erosion and sediment control blankets and stone and hydroseed with soil amendments	Existing	Flood, Erosion	1	Town with support from Lake Champlain-Lake George Regional Planning Board	Medium	Low	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants	Short Term	High	SIP	PP, NR
T. Fort Ann-2 (previous action)	Hogtown Road – <ul style="list-style-type: none"> <li>install erosion and sediment control blankets and hydroseed with conservation mix and soil amendments</li> <li>re-grade slope, stabilize with erosion and sediment control blankets and hydroseeding with conservation mix and soil amendments</li> </ul>											
	See above	Existing	Flood, Erosion	1	Town with support from Lake Champlain-Lake George Regional Planning Board	Medium	Low	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants	Short Term	Medium to High	SIP	PP, NR
T. Fort Ann-3 (previous action)	Burquist Road – hydroseed with conservation mix, soluble fertilizers and tackifier	Existing	Flood, Erosion	1	Town with support from Lake Champlain-Lake George Regional Planning Board	Medium	Low	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants	Short Term	Medium	SIP	PP, NR
T. Fort Ann-4 (previous action)	Copeland Pond Road - re-grade slope, stabilize with erosion and sediment control blankets and hydroseeding with conservation mix and soil amendments	Existing	Flood, Erosion	1	Town with support from Lake Champlain-Lake George Regional Planning Board	Medium	Low	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants	Short Term	Medium	SIP	PP, NR
T. Fort Ann-5	Kelsey Pond Road - re-grade slope, stabilize with	Existing	Flood, Erosion	1	Town with support from	Medium	Low	County Soil & Water	Short Term	Medium	SIP	PP, NR





**Table 9.8-12. Proposed Hazard Mitigation Initiatives**

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
(previous action)	erosion and sediment control blankets and hydroseeding with conservation mix and soil amendments				Lake Champlain-Lake George Regional Planning Board			Conservation district, municipal budget, Water Quality Improvement Project Grants				
T. Fort Ann-6	Consider becoming a New York State certified Climate Smart Community	N/A	All	1, 5	Town with support from NYSDEC	Medium	Low	Municipal Budget	Short Term	Medium	LPR, EAP	PR, PI
T. Fort Ann-7 (previous action)	Improve stormwater drainage capacity throughout the Town. <ul style="list-style-type: none"> <li>Identify roads that wash out during heavy rain events. Once identified, improve drainage by replacing culverts or install additional culverts.</li> <li>Purchase equipment to assist with increasing the capacity of the culverts throughout the town</li> </ul>											
	See above	Existing	Flood, Severe Storm	1	Town Highway Department	Medium	Medium	Municipal Budget, Bridge NY	Short Term	Medium	SIP	PP

**Notes:**

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

\*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- 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
- PDM Pre-Disaster Mitigation Grant Program
- RFC Repetitive Flood Claims Grant Program (discontinued in 2015)
- SRL Severe Repetitive Loss Grant Program (discontinued in 2015)

Timeline:

- Short 1 to 5 years
- Long Term 5 years or greater
- OG On-going program
- DOF Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

- Low < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

- Low= < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000





Costs:

Where actual project costs cannot reasonably be established at this time:

- Low* Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.
- Medium* Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
- High* Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Benefits:

Where numerical project benefits cannot reasonably be established at this time:

- Low* Long-term benefits of the project are difficult to quantify in the short term.
- Medium* Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
- High* Project will have an immediate impact on the reduction of risk exposure to life and property.

Mitigation Category:

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

CRS Category:

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



**Table 9.8-13. Summary of Prioritization of Actions**

Mitigation Action / Project Number	Mitigation Action / Initiative	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
T. Fort Ann-1	Lake Nebo Road	1	1	1	1	1	0	0	1	0	1	1	1	1	0	10	High
T. Fort Ann-2	Hogtown Road	1	1	1	1	1	0	0	1	0	1	1	1	0	0	9	Medium
T. Fort Ann-3	Burquist Road	1	1	1	1	1	0	0	1	0	1	1	1	0	0	9	Medium
T. Fort Ann-4	Copeland Pond Road	1	1	1	1	1	0	0	1	0	1	1	1	0	0	9	Medium
T. Fort Ann-5	Kelsey Pond Road	1	1	1	1	1	0	0	1	0	1	1	1	0	0	9	Medium
T. Fort Ann-6	Consider becoming a New York State certified Climate Smart Community	1	1	0	1	0	1	0	1	0	1	1	0	0	0	7	Medium
T. Fort Ann-7	Improve stormwater drainage capacity throughout the Town	1	1	1	1	1	0	0	1	0	1	1	1	0	0	9	Medium

Note: Refer to Section 6 which contains the guidance on conducting the prioritization of mitigation actions.





### **9.8.7 Future Needs To Better Understand Risk/Vulnerability**

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None at this time.

### **9.8.8 Hazard Area Extent and Location**

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Hazard area extent and location maps have been generated for the Town of Fort Ann 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 are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Fort Ann has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

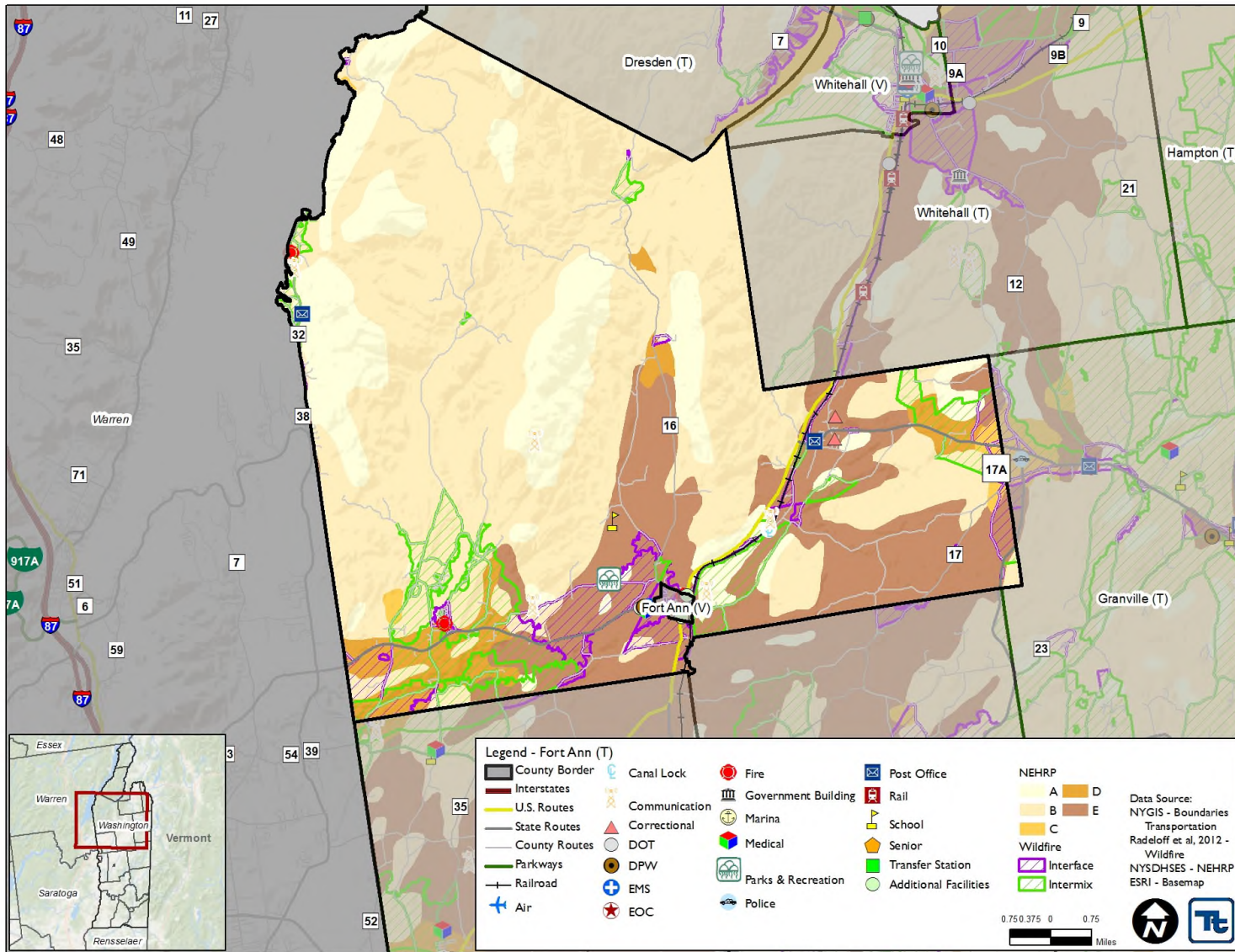
### **9.8.9 Additional Comments**

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None at this time.



Figure 9.8-1. Town of Fort Ann Hazard Area Extent and Location





Action Number:

T. Fort Ann - 1

Mitigation Action Name:

Lake Nebo Road.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Erosion
<b>Specific problem being mitigated:</b>	Steep slopes along the bank adjacent to Lake Nebo Road are subject to erosion as they are not stabilized and exposed to the elements.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action - current problem persists. Hard stabilization of bank – not environmentally friendly, costly
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Stabilize with erosion and sediment control blankets and stone and hydroseed with soil amendments. This will alleviate the erosion along the Lake Nebo Road.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 1: Protect Life and Property
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Low
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Town with support from Lake Champlain-Lake George Regional Planning Board
<b>Local Planning Mechanism</b>	Hazard Mitigation
<b>Potential Funding Sources</b>	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 1  
 Lake Nebo Road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Protect area from erosion and flooding – reduce or prevent damage to properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Need to obtain funding
Environmental	1	Improve stream channel functionality
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	10	
<b>Priority (H/M/L)</b>	High	



Action Number:

T. Fort Ann - 2

Mitigation Action Name:

Hogtown Road.

Assessing the Risk	
Hazard(s) addressed:	Flood, Erosion
Specific problem being mitigated:	Steep slopes along the bank adjacent to Hogtown Road are critically eroding and contribute to significant sediment loads in adjacent streams.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - current problem persists. Build retention wall – costly.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Improvements include installation of erosion and sediment control blankets and hydroseed with conservation mix and soil amendments, including re-grading slope, stabilizing with erosion and sediment control blankets, and hydroseeding with conservation mix and soil amendments. This will provide protection along Hogtown Road from erosion during periods of heavy rain.
Mitigation Action Type	Structure and Infrastructure Project (SIP)
Goals Met	Goal 1: Protect Life and Property
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	Medium
Estimated Cost	Low
Priority*	Medium to High
Plan for Implementation	
Responsible Organization	Town with support from Lake Champlain-Lake George Regional Planning Board
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 2  
 Hogtown Road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Protect area from erosion and flooding – reduce or prevent damage to properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Need to obtain funding
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	



Action Number:

T. Fort Ann - 3

Mitigation Action Name:

Burquist Road.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Erosion
<b>Specific problem being mitigated:</b>	Steep slopes along the bank adjacent to Burquist Road are subject to erosion as they are not stabilized properly and exposed to the elements, such as heavy rain and flooding.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action - current problem persists. Build retention wall - costly
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Soil amendments (hydroseed with conservation mix, soluble fertilizers and tackifier) to Burquist Road to help with flooding and erosion. This will reduce the impacts heavy rain events can have in this section of the town and reduce the impacts of flooding and erosion.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 1: Protect Life and Property
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town with support from Lake Champlain-Lake George Regional Planning Board
<b>Local Planning Mechanism</b>	Hazard Mitigation
<b>Potential Funding Sources</b>	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 3  
 Burquist Road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Protect area from erosion and flooding – reduce or prevent damage to properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Need to obtain funding
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	





Action Number:

T. Fort Ann - 4

Mitigation Action Name:

Copeland Pond Road.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Erosion
<b>Specific problem being mitigated:</b>	Steep slopes along the bank adjacent to Copeland Pond Road are critically eroding and contribute to significant sediment loads in adjacent streams.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action - current problem persists. Build retention wall - costly
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Improvements include installation of erosion and sediment control blankets and hydroseed with conservation mix and soil amendments, including re-grading slope, stabilizing with erosion and sediment control blankets, and hydroseeding with conservation mix and soil amendments, to improve soil conditions and mitigate erosion and flooding. This will reduce the impacts heavy rain events can have in this section of the town and reduce the impacts of flooding and erosion.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 1: Protect Life and Property
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town with support from Lake Champlain-Lake George Regional Planning Board
<b>Local Planning Mechanism</b>	Hazard Mitigation
<b>Potential Funding Sources</b>	Municipal Budget or Grant Funding
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 4  
 Copeland Pond Road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide additional protection to surrounding residential areas in the area of Copeland Pond Road
Property Protection	1	Provide additional protection to surrounding properties and buildings in the area of Copeland Pond Road
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Need to obtain funding – municipal budget or grants
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	



Action Number:

T. Fort Ann - 5

Mitigation Action Name:

Kelsey Pond Road.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Erosion
<b>Specific problem being mitigated:</b>	Steep slopes along the bank adjacent to Kelsey Pond Road are critically eroding and contribute to significant sediment loads in adjacent streams.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action - current problem persists. Build retention wall - costly
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Improvements include installation of erosion and sediment control blankets and hydroseed with conservation mix and soil amendments along Kelsey Pond Road, including re-grading slope, stabilizing with erosion and sediment control blankets, and hydroseeding with conservation mix and soil amendments. This will reduce the impacts heavy rain events can have in this section of the town and reduce the impacts of flooding and erosion.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 1: Protect Life and Property
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town with support from Lake Champlain-Lake George Regional Planning Board
<b>Local Planning Mechanism</b>	Hazard Mitigation
<b>Potential Funding Sources</b>	County Soil & Water Conservation district, municipal budget, Water Quality Improvement Project Grants
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 5  
 Kelsey Pond Road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide additional protection to surrounding residential areas in the area of Kelsey Pond Road
Property Protection	1	Provide additional protection to surrounding properties and buildings in the area of Kelsey Pond Road
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Need to obtain funding – municipal budget or grants
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	



Action Number:

T. Fort Ann - 6

Mitigation Action Name:

Consider becoming a New York State certified Climate Smart Community.

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Currently not a Climate Smart Community.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	No action - current problem persists. Adopt Climate Smart Community Actions but do not apply for certification – missed opportunity for public outreach
Action/Project Intended for Implementation	
Description of Selected Action/Project	Determine the benefits of becoming a New York State-certified Climate Smart Community. By joining, the Town will become engaged in reducing greenhouse gas emissions and improving climate resilience. The Town also will identify policies, measures, planning goals, actions, funding, responsibility, and schedules.
Mitigation Action Type	Local Plans and Regulations (LPR) Education and Awareness Programs (EAP)
Goals Met	Goal 1: Protect Life and Property Goal 5: Encourage the development and implementation of long-term, cost-effective, and resilient mitigation projects to preserve or restore the functions of natural systems.
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	Medium
Estimated Cost	Low
Priority*	Medium
Plan for Implementation	
Responsible Organization	Town with support from NYSDEC
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Municipal Budget
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	



Action Number:

T. Fort Ann - 6

Mitigation Action Name:

Consider becoming a New York State certified Climate Smart Community.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	0	
Technical	1	
Political	0	
Legal	1	
Fiscal	0	Municipal time
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	0	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	6	
<b>Priority (H/M/L)</b>	Medium	



Action Number:

T. Fort Ann - 7

Mitigation Action Name:

Improve stormwater drainage capacity throughout the Town.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Severe Storm
<b>Specific problem being mitigated:</b>	Many areas in the town have inadequate drainage and roadways become inundated during periods of heavy rain. This creates access issues for emergency vehicles and personnel in the event of an emergency.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action - current problem persists. Elevate all roadways - costly
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Improve stormwater drainage capacity throughout the Town by 1) Identifying roads that wash out during heavy rain events. Once identified, improve drainage by replacing culverts or install additional culverts. 2) Purchase equipment to assist with increasing the capacity of the culverts throughout the town.
<b>Mitigation Action Type</b>	Structure and Infrastructure Project (SIP)
<b>Goals Met</b>	Goal 1: Protect Life and Property
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Town Highway Department
<b>Local Planning Mechanism</b>	Hazard Mitigation
<b>Potential Funding Sources</b>	Municipal budget, Bridge NY
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:**  
**Mitigation Action Name:**

T. Fort Ann - 7  
 Improve stormwater drainage capacity throughout the Town.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Reduce the amount of standing water on roadways during periods of heavy rain and allow emergency personnel to access all portions of the town
Property Protection	1	Provide additional protection to surrounding residential areas of inadequate drainage
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	0	Municipal budget
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	