



## 9.26 VILLAGE OF MILLERTON

This section presents the jurisdictional annex for the Village of Millerton.

### 9.26.1 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
David Sherman, Trustee Village of Millerton (518) 789-6310 D.Sherman@villageofmillerton.net	

### 9.26.2 Municipal Profile

The Village of Millerton is located in the northeastern corner of Dutchess County within the Town of North East. The Village is only 0.6 square miles in area and is located adjacent to the Connecticut state line. It was settled as an agricultural crossroads and the location of several rail lines in the region. The Village was incorporated in 1875. State Routes 44 and 22 intersect in Millerton, contributing to the formal downtown which makes up the Village. The Village is fairly densely developed and consists primarily of single family homes and small commercial businesses along the two major routes through the community.

The Village maintains a very active, suburban community and has been featured in several publications as a very desirable place to live. It is part of both the Poughkeepsie-Newburgh-Middletown Metropolitan Statistical Area of New York as well as the larger New York-Newark-Bridgeport NY-NJ-CT-PA Combined Statistical Area. The Village has transformed from an agricultural center to a more artistic community with theaters, cafes, and fine art shops. The Village contains a population of 958 people and 461 housing units according to the 2010 Census. The Village maintains several community assets including the North East Community Center, the Village Municipal Building and public works facility, the police department, a fire company, and the Metro North Train Station.

### Growth/Development Trends

As shown in the following table, there was no recent residential/commercial development since 2010, but there is some known or anticipated major residential/commercial development that has been identified in the next five years within the Village. Refer to the map in Section 9.26.8 of this annex which illustrates the hazard areas along with the location of potential new development.

**Table 9.26-1. 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>					
None					
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
Mavis Tire	Commercial	1	133801-7271-15-518268	None	Application Submitted -Pending Review



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
Dunkin Donuts	Commercial	1	133801-7271-15-518268	None	Application Submitted – Pending Review

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

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

Dutchess 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, 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 9.26-2. Hazard Event History**

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
December 26-27, 2010	Severe Winter Storm and Snowstorm / Nor'Easter	DR-1957	Yes	All Village roads were limited traffic only for 3 days, 78 hours snow removal, trees cleared off roads, and debris removed.
August 26 – September 5, 2011	Hurricane Irene	DR-4020	Yes	All Village roads were limited traffic for 3 days, up to 5 days some roads were closed. Highway crew cleared debris & trees down.
October 29-30, 2011	Nor'Easter, Heavy Snow	N/A	N/A	Side streets and part of Main Street was closed due to down trees, from 1-5 days
September 8, 2012	Thunderstorm and Lightning	N/A	N/A	Village Water Works was hit by lightning burning water pump motor and electrical controls. Ran on auxiliary power for 1 month. Water Operators worked around-the-clock to maintain water level in storage facility and ensure that system pressure would be adequate to supply water to the community.



### 9.26.4 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 Village of Millerton. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Village of Millerton.

**Table 9.26-3. 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>
Coastal Storm	100-year MRP: \$184,774.00 500-year MRP: 1280923 Annualized: \$15,903.00	Frequent	48	High
Drought	Damage estimate not available	Frequent	42	High
Earthquake	100-Year GBS: \$0 500-Year GBS: \$204,887 2,500-Year GBS: \$2,362,784	Occasional	24	Medium
Extreme Temperature	Damage estimate not available	Frequent	30	Medium
Flood	1% Annual Chance: \$11,437,918	Frequent	36	High
Severe Storm	100-Year MRP: \$184,774 500-year MRP: \$1,280,923 Annualized: \$15,903	Frequent	48	High
Winter Storm	1% GBS: \$2,007,408 5% GBS: \$10,037,038	Frequent	51	High
Wildfire	Estimated Value in the WUI: \$327,359,173	Frequent	42	High

Notes:

GBS = General building stock; MRP = Mean return period.

- a. The general building stock valuation is based on the custom inventory generated for the municipality and based on improved value.
- b. 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 estimated value of contents. The earthquake and hurricane wind hazards were evaluated by Census tract. The Census tracts do not exactly align with municipal boundaries; therefore, a total is reported for each Town inclusive of the Villages. Loss estimates for the flood and earthquake hazards represent both structure and contents. Potential flood loss estimates were generated using Hazus-MH 2.2 and the 2011 FEMA DFIRM for the 1-percent annual chance event. For the wildfire hazard, the improved value and estimated contents of buildings located within the identified hazard zones is provided.



### National Flood Insurance Program (NFIP) Summary

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

**Table 9.26-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
Village of Millerton	7	2	\$6,939.07	0	0	4

Source: FEMA Region 2, 2014

- (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, and are current as of 12/31/2014. Please note the total number of repetitive loss properties does not include the severe repetitive loss properties. The number of claims represents claims closed by 12/31/14.
- (2) Total building and content losses from the claims file provided by FEMA Region 2.
- (3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file.

Notes: 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. A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case. Number of policies and claims and claims total exclude properties located outside County boundary, based on provided latitude and longitude

### Critical Facilities

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

**Table 9.26-5. Potential Flood Losses to Critical Facilities**

Name	Type	Exposure		Potential Loss from 1% Flood Event		
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage	Days to 100-Percent <sup>(1)</sup>
No critical facilities are located in the FEMA 1% or 0.2% Flood Hazard Area.						

Source: Dutchess County, NYGIS

- Note (1): HAZUS-MH 2.2 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore this will be an indication of the maximum downtime (HAZUS-MH 2.1 User Manual).
- Note (2): In some cases, a facility may be located in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type. Further, HAZUS-MH may estimate potential damage to a facility that is outside the DFIRM because the model generated a depth grid beyond the DFIRM boundaries.

X Facility located within the DFIRM boundary  
 - Not calculated by HAZUS-MH 2.2

### Other Vulnerabilities Identified

The Village has identified the following vulnerabilities within the community:

- Areas along the entire length of the Weatuck Creek are prone to flooding. Stormwater runoff flows down the steep banks of the creek very rapidly.



### 9.26.5 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 Village of Millerton.

**Table 9.26-6. 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	Yes - 1994	Local	Planning Bd.	
Capital Improvements Plan	No			
Floodplain Management / Basin Plan	No			
Stormwater Management Plan	No			
Open Space Plan	No			
Stream Corridor Management Plan	No			
Watershed Management or Protection Plan	No			
Economic Development Plan	No			
Comprehensive Emergency Management Plan	No			
Emergency Response Plan	Yes - 1991	Local		
Post-Disaster Recovery Plan	No			
Transportation Plan	No			
Strategic Recovery Planning Report	No			
Other Plans:				
<b>Regulatory Capability</b>				
Building Code	Yes	State & Local	Village Bd.	Village Code, Chapter 91
Zoning Ordinance	Yes - 1998	Local	Village Bd.	Village Code, Chapter 170
Subdivision Ordinance	Yes	Local	Village Bd.	Village Code, Chapter 140
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local		Village Code, Chapter 96
NFIP: Cumulative Substantial Damages	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.)
NFIP: Freeboard	Yes	State, Local		State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	No			
Site Plan Review Requirements	Yes - 2009			
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 mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]				

### Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Village of Millerton.

**Table 9.26-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Maintenance Programs to Reduce Risk	Yes	PESH
Mutual Aid Agreements	Yes	North East Fire District
<b>Technical/Staffing Capability</b>		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Yes	Consultant – Morris Associates
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Building Inspector
Planners or engineers with an understanding of natural hazards	Yes	Consultant – Morris Associates



Resources	Is this in place? (Yes or No)	Department/ Agency/Position
NFIP Floodplain Administrator	Yes	Building Inspector
Surveyor(s)	No	
Personnel skilled or trained in GIS and/or HAZUS-MH applications	Yes	Building Inspector
Scientist familiar with natural hazards	No	
Emergency Manager	No	
Grant Writer(s)	Yes	Village Clerk
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	No	

### Fiscal Capability

The table below summarizes financial resources available to the Village of Millerton.

**Table 9.26-8. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes – Village Board
Capital Improvements Project Funding	No
Authority to Levy Taxes for specific purposes	Yes – Village Board
User fees for water, sewer, gas or electric service	Yes – Village Board
Impact Fees for homebuyers or developers of new development/homes	No
Stormwater Utility Fee	No
Incur debt through general obligation bonds	Yes – Village Board
Incur debt through special tax bonds	Don't Know
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal or State Funding Programs	Don't Know
Open Space Acquisition Funding Programs	No
Other	

### Community Classifications

The table below summarizes classifications for community program available to the Village of Millerton.

**Table 9.26-9. Community Classifications**

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	10	
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	-	2010
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	5	2005



Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
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
- The ISO Mitigation online ISO’s Public Protection website at <http://www.isomitigation.com/ppc/0000/ppc0001.html>
- The National Weather Service Storm Ready website at <http://www.weather.gov/stormready/howto.htm>
- The National Firewise Communities website at <http://firewise.org/>

### Self-Assessment of Capability

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

**Table 9.26-10. 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 & Funding		
Administrative and Technical Capability	X - Limited Staff & Funding		
Fiscal Capability	X - Limited Staff & Funding		
Community Political Capability	X - Limited Staff & Funding		



Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)*	Moderate	High
Community Resiliency Capability	X - Limited Staff & Funding		
Capability to Integrate Mitigation into Municipal Processes and Activities.	X - Limited Staff & Funding		

### National Flood Insurance Program

#### NFIP Floodplain Administrator (FPA)

The Village of Millerton’s FPA is Kenneth McLaughlin, Building Inspector.

#### Flood Vulnerability Summary

The Village does not maintain any records related to properties that have been damaged by flooding, or which would be interested in mitigation. There are only 7 NFIP policies in effect in the Village; 4 are in the SFHA.

#### Resources

The FPA is also the Village Building Inspector. He has not had training on floodplain administration, but would welcome it. The FPA reviews building permits and assists property owners with letters of map review.

#### Compliance History

The Village is in good standing with the NFIP. There have been no compliance issues. The FPA did not know when the last Community Assistance Visit (CAV) was conducted.

#### Regulatory

The Village’s Flood Damage Prevention Ordinance complies with the New York State mandate of 2’ of freeboard, which exceeds the NFIP’s minimum requirements.

#### Community Rating System

The Village of Millerton does not participate in the Community Rating System (CRS) program.

#### Other Capabilities Identified

Previous actions that are now on-going programs and capabilities are described below. Refer to Table 9.26-11 presented later in this annex.

- Village codes and ordinances are continually enforced and updated as necessary.
- Tree limbs are pruned on a regular basis to prevent causing travel hazards.
- Information is provided to residents through the Village website and a monthly newsletter.

#### 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

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**Land Use Planning:** The Village has a comprehensive plan in place which considers ecologically sensitive regulatory areas in planning the Village's development.

**Development Plan Review:** Millerton reviews plans for any new development within the Village. Plan reviews examine whether development will affect freshwater wetlands and floodplains.

## Regulatory and Enforcement

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### **Flood Damage Prevention Chapter 96:**

It is the purpose of this chapter to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

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

### **Zoning Code Chapter 170:**

The Village's zoning code includes districts and standards pertaining to the mitigation of hazards.

### **Site Plan/Subdivision Review Chapter 140:**

The Village's Planning Board is tasked with site plan/subdivision review. The Planning board pays special attention to ensure that developments mitigate the issues associated with flooding.

### **Fire Prevention and Building Code Administration and Enforcement Chapter 91:**

The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The chapter includes a provision to allow the building inspector to make emergency repairs to protect the health safety and welfare of the residents.

## Fiscal

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**Grant Funding:** The Village has pursued FEMA funding to bury utility wiring, but were not able to secure funds.

## Education and Outreach

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The Village has a website and monthly newsletter that are used for the dissemination of information to residents. Village Hall has a literature rack that contains publications available for the public.



### **9.26.6 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. Actions that are carried forward as part of this Plan 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 9.26-11. Past Mitigation Initiative Status**

2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2015 HMP? or Discontinue)	Describe Next Step
Improve public awareness and education on hazard prevention and mitigation including establishing a Hazard Information Center, potentially at the North East Millerton Library.	Village Board	In Progress	New Website has been created and an Emergency Page is being implemented.  Gathering data to place on website and have available in office.	Include in the 2015 HMP	
Code Update and Code Enforcement	Village Board	Continually in Progress	Updated in 2012 based on new FEMA floodplain maps	Include in the 2015 HMP	Continue Action As Needed
Enlarge culvert at Dutchess Avenue and Simmons Street. Install larger pipe and upgrade the pipe across the road.	Village Board, Village Highway Dept.	Completed	Culvert has been cleared, swales leading up to drain installed, drain cover elevated and enlarged.	Discontinue	Completed
Replace South Center Street drainage culvert along the edge of the road.	Highway	In Progress	Highway Department and Village Board researching all options to upgrade.	Include in the 2015 HMP	Seek Funding
Replace South Center Street Bridges # 1 in Village of Millerton	Village Board, Village Highway Dept.	No Progress	Inadequate Funding	Include in the 2015 HMP	Seek Funding
Develop and adopt an emergency water allocation ordinance and action plan to be implemented during a moderate to severe drought.	Village Board	In Progress	Water Committee is reviewing water policies and procedures.	Include in the 2015 HMP	Seek Funding to Provide for Additional Personnel Time or to Hire Consultants
Conduct overhead tree limb pruning and improve landscaping practices on Villages roads to reduce winter-related travel hazards	Village Board, Village Highway Dept.	Completed and continually maintain.	Dead or decaying trees have been removed. Trees have been pruned.	Discontinue	Integrated into Village operations. Continue Action in Spring & Fall
Create an inventory of vulnerable trees	Village Board	Reviewed throughout the year.	Ongoing Effort	Include in the 2015 HMP	Integrated into Village operations. Conducted each Spring



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2015 HMP? or Discontinue)	Describe Next Step
Public awareness program on Hazards, Prevention, and Mitigation: Assist CPG Chairperson in maintenance of mitigation planning web presence: assist CPG Chairperson in preparation of annual hazards and mitigation planning fact sheet and its distribution; assist CPG Chairperson in preparation of hazards survey; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of the jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources).					
See above.	Village Board	No Progress	Consortium of Municipalities did not continue as an active working group long enough to accomplish this project.	Discontinue	Consortium not maintained. Work will be done by municipality as a local project.
Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable.	Village Board, Code Enforcement Officer	Continue to update code as needed.	Building Code updates to meet state requirements, as needed	Discontinue	Redundant with previous action to update codes.
Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training.	Village Board, Code Enforcement Officer	Continue to update code as needed.	Training maintained on 5-year cycle basis	Discontinue	Integrated into Village operations. Continue training as available
Generate and distribute materials for public awareness regarding use of ground outlets, surge protectors, etc. in homes and businesses.	Village Board	Continuous – In Progress	Established Municipal Newsletter – including seasonal alerts there and on municipal website.	Discontinue	Integrated into Village operations. Continue action on monthly basis
Generate and distribute information on protection of structures from cold weather damage and proper maintenance of heating and cooling systems.	Village Board	Continuous – In Progress	Established Municipal Newsletter – including seasonal alerts there and on municipal website	Discontinue	Integrated into Village operations. Continue action on seasonal basis
Update/revise floodplain management ordinances to comply with latest FEMA regulations	Code Enforcement	Completed and continually maintain.	Municipal Code brought up to date.	Discontinue	Completed
Designate/install a specific person to be your municipality's Floodplain Administrator	Building, Planning, Zoning	Completed and continually maintain.	Village Building Inspector appointed as Floodplain Administrator	Discontinue	Completed



2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status	Next Step (Include in 2015 HMP? or Discontinue)	Describe Next Step
Add/train sufficient members of staff to adequately enforce NEW regulations/floodplain management ordinances	Building, Zoning	In progress	Training is Performed as Available	Include in the 2015 HMP	Seek Training Opportunities and Support Attendance by Code Officials, as Available.
Update/revise floodplain management ordinances to be consistent with new FIRMS	Building, Planning, Zoning	Completed and continually maintain.	Municipal Code brought up to date.	Discontinue	Completed
Require staff involved in Floodplain management and ordinance enforcement to become Certified Floodplain Managers (CFMs)	Building, Planning, Zoning	In Progress	Limited Training Opportunities	Include in the 2015 HMP	Continue action as training is available
Join the Community Rating System (CRS)	Building, Planning, Zoning	No Progress	Training Not Available to Code Enforcement Officials	Include in the 2015 HMP	



### **Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy**

The Village of Millerton 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:

- Elevated storm drains and reinforced them, as necessary

### **Proposed Hazard Mitigation Initiatives for the Plan**

The Village of Millerton 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 9.26-12 summarizes the comprehensive-range of specific mitigation initiatives the Village of Millerton 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. 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 9.26-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan.



**Table 9.26-12. 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
VMT-1	Improve public awareness and education on hazard prevention and mitigation including establishing a Hazard Information Center, potentially at the North East Millerton Library.	N/A	All Hazards	1, 2, 3, 6	Village Board	Medium	Low	Local budget and staff resources	1 year	Medium	EAP	PI
VMT-2	Code Update and Code Enforcement	New and Existing	All Hazards	1, 2, 4, 6, 7	Village Board	High	Low	Local budget and staff resources	1 year	High	LPR	PR
VMT-3	Replace South Center Street drainage culvert along the edge of the road.	Existing	Flood	1, 2, 6	Highway Dept.	High	High	Local staff and grant funding	1 year	Medium	SIP	PP, SP
VMT-4	Replace South Center Street Bridge # 1 in Village of Millerton	Existing	Flood	1, 2, 6	Village Board, Village Highway Dept.	High	High	Local staff and grant funding	2 years	Medium	SIP	PP, SP
VMT-5	Develop and adopt an emergency water allocation ordinance and action plan to be implemented during a moderate to severe drought.	New and Existing	Drought	1, 4	Village Board	Medium	Low	Local staff resources and budget	1 year	Low	LPR	PR
VMT-6	Add/train sufficient members of staff to adequately enforce regulations/floodplain management ordinances	New and existing	All Hazards	1, 2, 4, 5, 6, 7	Building, Zoning	Medium	Low	Local staff resources and budget	2 years	Medium	LPR	PR
VMT-7	Require staff involved in Floodplain management and ordinance enforcement to become Certified Floodplain Managers (CFMs)	N/A	Flood	1, 2, 4, 5, 6, 7	Building, Planning, Zoning	High	Low	Local staff resources and budget	2 years	High	LPR	PR
VMT-8	Join the Community Rating System (CRS)	N/A	Flood	1, 2, 3, 4, 5, 6, 7	Building, Planning, Zoning	Medium	Low	Local staff resources and budget	2 years	Medium	LPR	PR



**Table 9.26-12. 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
VMT-9	Elevate storm drains and reinforce them, as necessary	Existing	Flood	1, 2, 6	Village Board; Highway Dept.	High	Medium	Local staff and grant funding	2 years	Medium	SIP	PP, SP

**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
HMGF	Hazard Mitigation Grant Program
PDM	Pre-Disaster Mitigation Grant Program
RFC	Repetitive Flood Claims Grant Program (discontinued)
SRL	Severe Repetitive Loss Grant Program (discontinued)

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

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 reappropriation 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 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

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 9.26-13. 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
VMT-1	Improve public awareness and education on hazard prevention and mitigation including establishing a Hazard Information Center, potentially at the North East Millerton Library.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	Medium
VMT-2	Code Update and Code Enforcement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
VMT-3	Replace South Center Street drainage culvert along the edge of the road.	See Action Worksheet														10	Medium
VMT-4	Replace South Center Street Bridge # 1 in Village of Millerton	See Action Worksheet														10	Medium
VMT-5	Develop and adopt an emergency water allocation ordinance and action plan to be implemented during a moderate to severe drought.	1	0	1	1	1	1	1	1	1	1	0	1	1	1	12	Low
VMT-6	Add/train sufficient members of staff to adequately enforce NEW regulations/ floodplain management ordinances	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	Medium
VMT-7	Require staff involved in Floodplain management and ordinance enforcement to become Certified Floodplain Managers (CFMs)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
VMT-8	Join the Community Rating System (CRS)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	Medium
VMT-9	Elevate storm drains and reinforce them, as necessary	1	1	1	1	1	1	-1	1	1	1	1	-1	1	1	10	Medium

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





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

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None at this time.

### **9.26.8 Hazard Area Extent and Location**

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Hazard area extent and location maps have been generated for the Village of Millerton 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 Village of Millerton has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

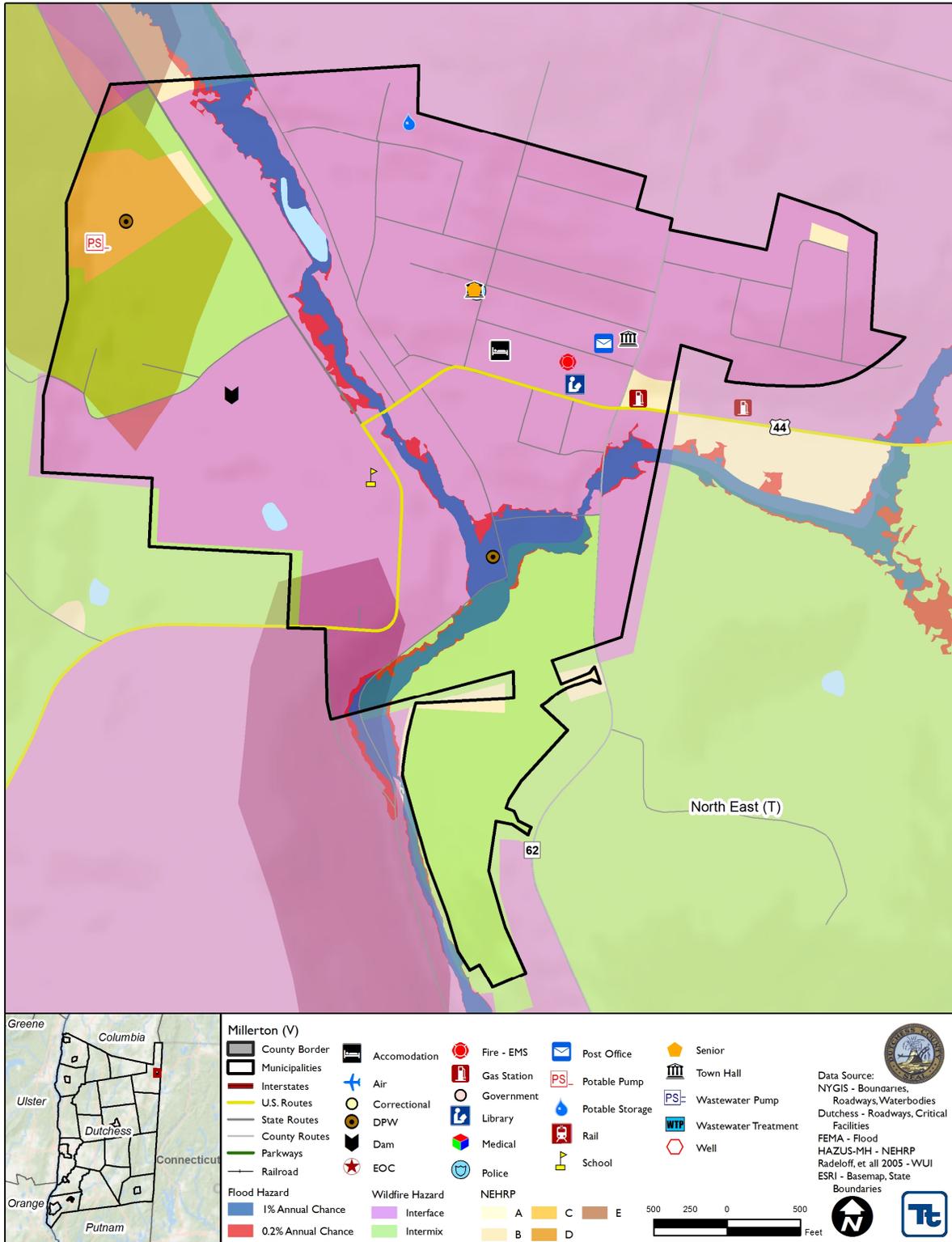
### **9.26.9 Additional Comments**

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None at this time.



Figure 9.26-1. Village of Millerton Hazard Area Extent and Location Map 1





Action Number:

VMT-3

Mitigation Action Name:

Replace South Center Street drainage culvert along the edge of the road.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood
<b>Specific problem being mitigated:</b>	Flooding along South Center Street that results in closed roadway
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	<ol style="list-style-type: none"> <li>1. Do nothing (does not correct the problem)</li> <li>2. Close the roadway (limits the ability of emergency response vehicles and regular traffic to reach their destinations)</li> <li>3. Replace South Center Street drainage culvert along the edge of the road.</li> </ol>
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Replace South Center Street drainage culvert along the edge of the road.
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	1, 2, 6
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Lessen costly damage repairs and frequency of flooded roadway; maximize ability of emergency responders to operate during a flood event
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village Board, Village Highway Dept.
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Local staff and grant funding
<b>Timeline for Completion</b>	1 year after funding
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



Action Number:

VMT-3

Mitigation Action Name:

Replace South Center Street drainage culvert along the edge of the road.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	
Timeline	-1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	10	
<b>Priority</b>	Medium	



Action Number:

VMT-4

Mitigation Action Name:

Replace South Center Street Bridge # 1 in Village of Millerton

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood
<b>Specific problem being mitigated:</b>	Flooding caused by inadequate room under the bridge for floodwaters to travel
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	1. Do nothing (why not selected) 2. Close the roadway (limits the ability of emergency response vehicles and regular traffic to reach their destinations) 3. Option 3
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Replace South Center Street Bridge # 1 in Village of Millerton
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	1, 2, 6
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	Lessen costly damage repairs and frequency of flooded roadway; maximize ability of emergency responders to operate during a flood event
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village Board, Village Highway Dept.
<b>Local Planning Mechanism</b>	
<b>Potential Funding Sources</b>	Local staff and grant funding
<b>Timeline for Completion</b>	2 years after funding
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



Action Number:

VMT-4

Mitigation Action Name:

Replace South Center Street Bridge # 1 in Village of Millerton

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	
Timeline	-1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	10	
<b>Priority</b>	Medium	