

JURISDICTIONAL ANNEX 1.2.5: TOWN OF GARDINER

Please fill in the contact details for the person filling in this page:

Name: Henry M. Vance III
 Title: Building Inspector and Code Enforcement Officer
 Representing: Gardiner, Town of
 Email: hvance.tog@gmail.com
 Phone: 845-255-9675 Ext 107

Land Use/ Community Planner	Michale Boylan, Chairman Planning Board	planning.tog@gmail.com	845-417-3158	10/7/2013	Yes
Emergency Manager	Brian Stacia	highway.tog@gmail.com	845-527-3595	10/3/2013	Yes
Floodplain Manager/ Floodplain Administrator	Henry M. Vance III	hvance.tog@gmail.com	845-255-9675 Ext 107	10/3/2013	Yes
Public Works Director / City Engineer	Brian Stacia, Highway Supt	highway.tog@gmail.com	845-527-3595	10/3/2013	Yes
Building Code Official	Henry M. Vance III	hvance.tog@gmail.com	845-255-9675	10/3/2013	Yes
Fiscal/Budget Officer	Carl Zatz, Town Supv	czatz.tog@gmail.com	845-255-9675 Ext 101	10/3/2013	Yes
Manager/Administrator	Carl Zatz, Town Supv	czatz.tog@gmail.com	845-255-9675 Ext 101	10/3/2013	Yes
Elected Officials	Supervisor Carl Zatz	czatz.tog@gmail.com	845-255-9675 Ext 101	10/3/2013	Yes
Other 1: Public Information Officer	Carl Zatz, Town Supv	czatz.tog@gmail.com	845-255-9675 Ext 101	10/3/2013	Yes
Other 2:	Henry M. Vance III Emergency Mgmt Committee Member	hvance.tog@gmail.com	845-255-9675 Ext 107	10/3/2013	Yes
Other 3:	Michelle Mosher, Town Clerk	townclerk.tog@gmail.com	845-255-9675 Ext 101	10/3/2013	Yes

Name: Henry M. Vance
 Representing: T. J. Gardner

Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator
 Email and Phone: h Vance, tog@gmail.com
845-255-9675 Ext 107

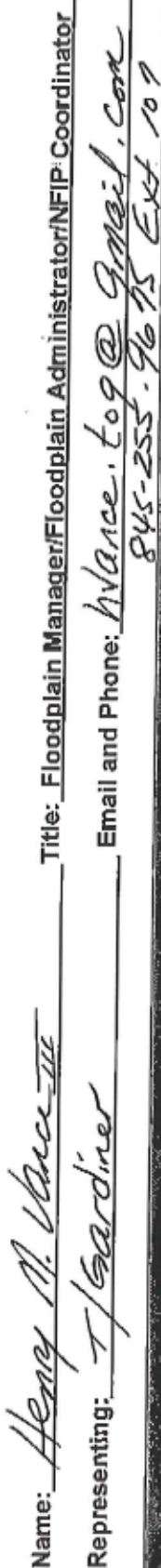


Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update - Worksheet #2

Note: This form should be filled out by your floodplain administrator. All communities participating in the National Flood Insurance Program (NFIP) provided FEMA with a floodplain management ordinance and a designated floodplain administrator as a prerequisite to enter the program. All communities are listed in FEMA's Community Status Book of participating communities (08/15/13).

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP	Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator)	Is this person a Certified Floodplain Manager?	Is floodplain management an auxiliary function?	Is your community in good standing with the NFIP?
8/11/2009	9/30/1982	Bldg Insp / Code Enforcement Officer	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Provide an explanation of NFIP administration services (i.e., permit review, C.A. education of officials, inspections, engineering services, etc.)					
Permit review, inspections, Application Review/Approval, Stop Work Orders, Issue Certificates of Compliance					
Describe barriers to having an effective NFIP program in the community (if applicable)					
N/A					
When was most recent FEMA Community Assistance Visit (CAV) scheduled or completed?	Is a CAV or CAV scheduled or completed?	Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe how.	Is training of staff regarding NFIP issues planned?	Does your community intend to enforce the floodplain management requirements including regulating new construction to Special Flood Hazard Areas (SFHAs)?	Does your community intend to continue to participate in the CAVS program, are you planning or intending to participate in the CAVS program during the next planning cycle?
07/08/15	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Describe any outstanding ordinance issues (i.e., zoning, etc.)					
Currently have one Floodplain Development Permit issued and pending completion					

¹ Your date of entry into the NFIP can be found at: <http://www.fema.gov/cis/NY.html> (column "Reg-Emer Date").



we are expanding at your local Redwood Computing process.

Site visit with applicant prior to permit processing, review of Engineer/Architect submissions, review of zoning map issues, obtain additional data as needed, issue and process permit. 2000

Does your community intend to continue floodplain identification and mapping services including local reviews for future updates?	Does your community intend to commit staff or resources to improve local mapping or code administration in the future?	Does your community intend to provide cost outreach to property owners at flood insurance?	Does your community intend to participate in FEMA's Flood Hazard Mapping Program?	Does your community intend to continue to improve against flooding - embankments, drainage basins, etc.?	Does your community intend to continue to implement programs assigned to minimize basement flooding?	Does your community intend to continue to implement programs to reduce damage from future flooding events?	Does your community intend to continue to implement plans and programs as required by regional coordination with a local or regional disaster recovery authority?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>Does your community intend to adopt the new FEMA Advisory Base Flood Elevation?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If you answered "yes," did there have been any changes to your Chapter 220 of the Town Code adopted, includes specific sections relating to Flood plain overlay District Excavation Grading + Clearcutting, Wetlands or Watercourse Protection, Steel Pipe Replacement?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Please a description of your community assistance and monitoring activities:</p> <p>Oversight of all Building Permits as well as active observation of floodplain areas speak to Community Groups, maintain liaison with those living in higher risk locales.</p> <p>NFP participating communities are also required to update their local management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to comply with the NFP requirements?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>							

Note: NFIP policy statistics by community are maintained at: <http://fbsa.nfipstat.fema.gov/reports/1011.htm#NJ>
 NFIP claims data by community is maintained at: <http://fbsa.nfipstat.fema.gov/reports/1040.htm#34>
 Information about structures at risk of flooding can be found in Section 3 of the Hazard Mitigation Plan.
 All NFIP participating communities should encourage local residents to purchase and maintain flood insurance.



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update Worksheet #3

Performing an assessment of Land Uses and Development Trends is one step of a FEMA-approved hazard mitigation plan update. This look into the future is important because development in hazard areas could put more assets at risk and, in turn, could work to increase potential disaster-related damages at a time when the mitigation plan's purpose is to reduce the potential for damages emanating from natural disasters. Land uses and development trends are based on the construction of new buildings, demolition of old buildings, or the planning, zoning or subdivision of new areas for development. A stagnant or decreasing population alone is not reason for stating that no development has occurred unless backed up by a lack of development.

An evaluation of land uses and development trends was undertaken by each participating jurisdiction as part of the development of the initial plan. Excerpts from the 2009 Plan's Land Uses and Development Trends section are included in the pages to follow, documenting your community's prior feedback. Please review your community's feedback shown in the table on the pages to follow, and identify any changes that have occurred since that time. Feedback should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Please check box A or B below.

- ☐ A) I certify that I have reviewed my community's feedback from the 2009 Land Uses and Development Trends assessment and that all information previously provided is still current. (If checking box A, then please return only this cover page.)
- ☒ B) I certify that I have reviewed my community's feedback from the 2009 Land Uses and Development Trends assessment and that any information that has changed since that time is clearly shown on the attached markup. Any supporting comments I would like to note are indicated in the lines below. (If checking box B, then please return this completed cover page and any pages with markups.)

See attached -

Name: Michael Baylan

Title: Chairman TOWN OF Gardiner Planning Board

Representing: TOWN OF Gardiner

Email and Phone: 845-417-3158

Town of Gardiner

Land Uses and Development Trends In Hazard Areas

The predominant type of development occurring in the Town of Gardiner is single family dwellings primarily located on individual lots of 2-5 acres or in previously approved subdivisions with lots of 2-5 acres. There has been very little new commercial development, however several previously existing sites have been improved upon. The Town has enacted Chapter 220 of the Town Code as the Zoning Law and it contains several sections that pertain to and limit development in fragile or sensitive areas.

The Town also has an active program to preserve open space and conserve farm related properties.

Regulations/Codes/Ordinances To Protect New Development From Natural Hazards

Flooding: Chapter 121 of the Town of Gardiner Code, Flood Damage Protection addresses the issues of development on the floodplain, and is based on the FEMA Flood Insurance Rate Map dated September 25, 2009 and a scientific and engineering report entitled "Flood Insurance Study, Town of Gardiner, NY, Ulster County" Dated July 16, 2007.

The current Zoning Law, Chapter 220 of the Town Code contains the following sections that specifically address development in potentially hazardous/fragile environments:

220-13 – Creates a Flood Plain Overlay District that matches the FIRM dated 9/25/2009

220-16 – Shawangunk Ridge Protection District

220-34 – Excavation, Grading and Clear cutting

220-35 – Wetlands and Water Course Protection

220-36 – Steep Slope Regulations



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

Worksheet #4

Performing a Capability Assessment is one step of a FEMA-approved hazard mitigation plan update. A mitigation planning Capability Assessment consists of taking an in-depth look at community mechanisms (such as plans, codes, ordinances, staffing, etc.) that can affect hazard mitigation activities. Performing the Capability Assessment helps communities identify the regulatory, administrative, technical, and fiscal capacities and capabilities of their jurisdiction and consider ways that these tools can be used to further hazard mitigation and disaster resiliency goals. Capability Assessments were undertaken by each participating jurisdiction as part of the development of the initial plan. Excerpts from the 2009 Plan's Capability Assessment section are included in the pages to follow, documenting your community's prior feedback.

First, review your community's feedback shown in the three tables attached, and clearly provide markups to identify any changes that have occurred since that time. Also, complete the highlighted columns which have been added since the plan was last prepared. Check box A or B. (Note: Municipalities whose rows are blank did not submit responses in 2009, and must do so now.)

- ☐ A) I certify that I have reviewed my community's feedback from the 2009 Capability Assessment and that all information previously provided is still current. *I have also completed new columns, as highlighted in yellow.*
- ☒ B) I certify that I have reviewed my community's feedback from the 2009 Capability Assessment and that I have updated any information that has changed since that time (as shown on the attached markup). Any supporting comments I would like to note are indicated in the lines below. *I have also completed new columns, as highlighted in yellow.*

Then, review and answer the supplemental questions on the last page, and check box C.

- ☒ C) I have completed responses to the supplemental questions on Page 6.

Completed worksheets should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Name: Henry M. Vance

Title: Building Inspector and Code Enforcement Officer

Representing: Town of
Gardiner

Email and Phone: _____

hvance.tog@gmail.com 845-255-9675 Ext 107

Legal and Regulatory Capability -

Table 4-1 Legal and Regulatory Capability Inventory														Evacuation Plan
Jurisdiction	Building Code	Zoning Ordinance	Subdivision Ordinance	Special Purposes Ordinance	Growth Management Ordinance	Site Plan Review Requirements	Comprehensive Plan	Capital Improvements Plan	Economic Development Plan	Emergency Response Plan	Post-Disaster Recovery Plan	Post-Disaster Recovery Ordinance	Real Estate Disclosure Ordinance	
Ulster County							√	√	√	√				
Denning, Town of														
Ellenville, Village of														
Esopus, Town of														
Gardiner, Town of	√	√	√	√	√	√	√	√	√	√	√			
Hardenburgh, Town of														
Hurley, Town of	√	√	√	√		√	√			√	√			
Kingston, City of	√	√	√	√		√	√	√	√	√	√			
Kingston, Town of	√	√	√	√		√								
Lloyd, Town of	√	√	√	√	√	√	√			√				
Marbletown, Town of														
Marlborough, Town of	√	√	√	√	√	√	√	√	√	√	√	√		
New Paltz, Town of														
New Paltz, Village of	√	√	√			√	√			√				
Olive, Town of														
Plattekill, Town of														
Rochester, Town of														
Rosendale, Town of														
Saugerties, Town of														
Saugerties, Village of														
Shandaken, Town of	√	√	√	√		√	√			√				
Shawangunk, Town of														
Ulster, Town of	√	√	√	√		√	√			√				
Wawarsing, Town of														
Woodstock, Town of														

Administrative and Technical Capacity

Table 4-2 Administrative and Technical Capability Inventory														
Jurisdiction	Planner(s) with knowledge of land development and management practices	Engineer(s) with knowledge of land development and management practices	Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Planner(s) or Engineer(s) with an understanding of natural and/or human caused hazards	Floodplain manager	Surveyors	Staff with education or expertise to assess the community's vulnerability to hazards	Personnel skilled in GIS and/or HAZUS	Scientists familiar with the hazards of the community	Emergency Manager	Grant writers	Code Enforcement Official	Public Works or Highway Superintendent	Emergency Management Coordinator
Ulster County			✓	✓		✓	✓	✓		✓	✓			
Deming, Town of														
Ellenville, Village of														
Esopus, Town of														
Gardiner, Town of	✗	✗	✓	✓	✓		✓			✓	✓	✗	✗	✗
Hardenburgh, Town of														
Hurley, Town of			✓	✓										
Kingston, City of			✓	✓	✓		✓			✓	✓			
Kingston, Town of			✓		✓		✓	✓		✓	✓			
Lloyd, Town of				✓	✓									
Marbletown, Town of														
Marlborough, Town of			✓	✓	✓	✓	✓	✓		✓	✓			
New Paltz, Town of														
New Paltz, Village of			✓	✓	✓	✓	✓			✓	✓			
Olive, Town of														
Plattekill, Town of														
Rochester, Town of														
Rosendale, Town of														
Saugerties, Town of														

[illegible]

Fiscal Capability

**Table 4-3
Fiscal Capability Inventory**

Jurisdiction	Community Development Block Grants (CDBG)	Capital Improvements Project Funding	Authority to Levy Taxes for Specific Purposes	Fees for Water, Sewer, Gas, or Electric Service	Impact Fees for Homebuyers or Developers for New Developments/Homes	Incur Debt through General Obligation Funds	Incur Debt through Special Tax and Revenue Bonds	Incur Debt through Private Activity Bonds	Withhold Spending in Hazard-Prone Areas	Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds)
Ulster County	√	√				√	√			
Denning, Town of										
Ellenville, Village of										
Esopus, Town of										
Gardiner, Town of		√	√	√		√			√	
Hardenburgh, Town of										
Hurley, Town of			√			√	√	√		
Kingston, City of	√	√	√	√	√	√				
Kingston, Town of	√	√	√	√		√	√			
Lloyd, Town of			√	√	√	√	√		√	
Marbletown, Town of										
Marlborough, Town of	√	√	√	√	√	√	√			
New Paltz, Town of										
New Paltz, Village of		√	√	√	√	√				
Olive, Town of										
Plattekill, Town of										
Rochester, Town of										
Rosendale, Town of										
Saugerties, Town of										
Saugerties, Village of										
Shandaken, Town of				√						
Shawangunk, Town of										
Ulster, Town of	√	√	√	√		√	√			
Wawarsing, Town of										
Woodstock, Town of										

No changes to this inventory

Municipality:

Gardiner

Town of

Would you classify your community's <u>legal and regulatory</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>technical</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>fiscal</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>administrative</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your political leadership's willingness to enact policies and programs that reduce hazard vulnerabilities in your community as high, moderate, or low - even if met with opposition? (i.e., guiding development away from identified hazard areas)?
<u>High</u>	<u>Moderate</u>	<u>Moderate</u>	<u>High</u>	<u>High</u>
Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.				
<div></div>				

WORKSHEET 5 - STATUS OF PAST PROJECTS

Jurisdiction	Mitigation Action	Previous Priority	Hazard(s) Addressed	Responsible Party/Parties to Implement	Status - Check One			Status Details	Relevance - Check One	Relevance Details
					Completed	Initiated but Not Completed	Ongoing Type of Activity		Still Relevant - Carry Forward to Updated Mitigation Strategy	No Longer Relevant - Omit from Updated Mitigation Strategy
Provide a General Overview of How Local Priorities May Have Changed Since the Last Version of the Plan: Election of new Town Supervisor, Town Board Members, reconstituted Environmental Conservation Commission										
Gardner, Town of	Replace existing culvert with larger diam., re-do ditches, and repave sections of Old Ford, Lower Forest Glen, Bridge Creek, & Guildford Roads. Raising of some road beds may be required.	High	Flooding	Highway		X			X	
Gardner, Town of	W/INYSDEC and 6 other towns that border the N. Shawangunk Ridge, develop a wildland/urban interface plan, incl. mapping, water resources develop & annually update mapping of wildland/urban interface areas to include all potential alternative water sources for drafting including swimming pools and sources for drafting including swimming pools and identification of prescribed burn areas for hazard reduction.	High	Wildfires	Planning Board and Office of Emergency Management		X		Lack of funding and political support	X	Has not changed since 2009
Gardner, Town of	Continue the development of the Town's Wetlands & Watercourse Law (220-35) to better manage storm water runoff.	Medium	Flooding	Environmental Conservation Comm. & Town Board	X			Zoning Laws rewritten to include specific sections	X	Section 220-35
Gardner, Town of	Seek partnerships with the UC Red Cross and private and non-profit orgs. w/ large buildings to participate in a town emergency shelter program, e.g. St. Charles Borromeo & Gardner Reformed Churches, Kiss My Face Cosmetics, and businesses in the Stew's Lane business park.	Medium	Severe Storms	Town Board (Dir. of Emerg. Management)	X			Informal arrangements with several adjacent townships	X	Has not changed since 2009
Gardner, Town of	Rewrite Section 220-43 of the Town's Zoning law, and as needed those sections (f.g. 1-7) of the Shaw. Ridge Protection Law (220-16) to provide for adequate emergency apparatus access and water supply/fire suppression, and which will be acceptable to the NYS DOS Codes Council.	High	Wildfires	Town Board with Code Enforcement Officer & Dir. of Emerg. Mgmt..		X		NYS Uniform Code (Building and Fire Codes)	X	NYS Fire Code adopted section which regulates access to single family residences- NYS Section 511
Gardner, Town of	Develop a plan and seek funding to retrofit the Town Hall with backup electric and communications systems so it can function as an EOC.	Medium	Severe storms, flooding, and wildfires	Town Board w/ Code Enforcement, Officer & Dir. of Emerg. Mgmt.		X		Lack of funding	X	Has not changed since 2009
Gardner, Town of	Once the wildland/urban interface zone has been established and mapped, initiate the "Firewise" program in those areas to reduce the risk to structures and emerg. responders.	High	Wildfires	Two town fire departments w/ the Dir. of Emerg. Mgmt..		X			X	Interface not established or mapped
Gardner, Town of	Increase citizen awareness of natural hazards risks and mitigation steps they can take through public education and continued distribution of INSEMO preparedness pamphlet series at public gatherings in the town.	Medium	All	Dir. of Emerg. Mgmt.		X			X	Has not changed since 2009
Gardner, Town of	Encourage local businesses to create a preparedness plan for their facilities & distribute same to employees and the emerg. response agencies	Medium	All	Two town fire departments w/ the Dir. of Emerg. Mgmt.		X			X	Has not changed since 2009
Gardner, Town of	Partner with homeowners on Farmers Turnpike and Lower Forest Glen Road to develop a plan for retrofitting homes which have been subject to flooding	Low	Flooding	Planning Board, Code Enforcement Officer		X		As applications are made for Building Permits	X	Has not changed since 2009
Gardner, Town of	Obtain and Distribute at cost, or with a slight discount at Gardner Day and other public events) NOAA weather alert radios w/a focus on e.g., day care centers churches, larger employers where there are a significant numbers of people and/or people who are part of vulnerable populations	High	Severe Storms,	Town Board (Dir. of Emerg. Management) With cooperation of local fire depts..		X		Lack of funding		Cell phone technology advancements since 2009 allow most people to now are able to receive emergency alerts on their cell phones
Gardner, Town of	Develop a plan and seek funding for backup electric power systems for those buildings which will become part of the Town's emergency shelter system	Medium	All	Town Board and Planning Board	X			Gardiner Fire Dept and Shawangunk Valley Fire Departments both have emergency power sources.	X	Has not changed since 2009



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

Worksheet #6

For a community to succeed in reducing risk in the long term, the information and recommendations of the hazard mitigation plan must be integrated into day-to-day local government operations. Throughout the planning process, partnerships are formed between departments and agencies, and sustained actions between these partners will increase the community's resilience to disasters. "Plan integration" can be thought of as the process whereby each local government will incorporate the mitigation plan findings and projects into other planning mechanisms (governance structures that are used to manage local land use development and community decision making).

For this Plan Update, FEMA requires:

- a summary of each jurisdiction's past progress in plan integration over the last planning cycle; and
- a description of plan integration activities that each jurisdiction expects to undertake over the course of the next planning cycle.

This worksheet has been set up, therefore, into two components with each portion focusing on one of the bullets above.

- Demonstration of Progress over the Last Planning Cycle – In the first component of this worksheet (shaded in blue), we have reiterated the targeted plan integration activities that were included in the last version of the plan (Section 9, beginning on Page 9-4) in a tabular form, and are asking each community to describe their respective accomplishments since the plan was adopted five years ago.
- Targeted Plan Integration Activities for the Next Planning Cycle – Similarly, in the second component of this worksheet (shaded in yellow), we have outlined a series of plan integration activities for the next five-year planning cycle. Please document to FEMA the manner in which your community will commit to integrate the hazard mitigation plan into your local government operations from this point forward.

Where integration activities are carried out by another jurisdiction through an intergovernmental agreement or by another layer of government (such as the county), please include a note on the bottom of this form and reference the section number on this form that the note is referring too.

Feedback should be returned to URS Project Manager Anna Foley at anna.foley@urs.com. If you have questions or need help, please email Anna or give her a call at 973-883-8562.

Name :Henry M. Vance III

Title: Building Inspector and Code Enforcement Officer

Representing: Town of Gardiner

Email and Phone:hvance.tog@gmail.com 845-255-9675 Ext 107

DEMONSTRATION OF PAST PROGRESS OVER THE LAST PLANNING CYCLE

Please check all activities that your municipality has undertaken over the last five years.

1. Check here if you (or your predecessor on the CPG) issued a letter to each of your community's department heads to solicit their support and explore opportunities for integrating hazard mitigation planning objectives into their daily activities?	X
2. A. Check here if you (or your predecessor on the CPG) worked with your planning department to educate them on the Hazard Mitigation Plan and encourage that on the next update of your master plan, general or comprehensive plan, hazard mitigation for natural hazards is addressed. Please describe your coordination efforts in the space below.	
B. Check here if your municipality does not have a master, general, or comprehensive plan.	
C. Check here if your master, general or comprehensive was updated since 2009.	
D. If you checked box 2C, please check here if natural hazard risk/mitigation was incorporated into the updated document, and describe how in the space below.	
E. If you checked box 2C, please check here if a specific hazard mitigation element was added to the document, and describe in the space below.	
3. Check here if you (or your predecessor on the CPG) coordinated with your building department to ensure that they have adopted and are enforcing the minimum standards established in the current State-adopted IBC. Please describe your coordination efforts in the space below.	X
4. A. If your community participates in the NFIP and was only enforcing minimum requirements at the time of the first plan's adoption, check here if you (or your predecessor on the CPG) coordinated with your Floodplain Administrator to determine if enforcement beyond FEMA minimum requirements would be prudent for your community. Please describe your coordination efforts in the space below. Town Zoning Law has specific provisions concerning development, excavation, wetlands, and water-course protection.	X

Community Name : Town of Gardiner

B. Check here if your community was already enforcing regulations beyond FEMA minimum requirements.		X
C. Briefly explain here what is currently being enforced beyond FEMA minimum requirements. Town Zoning Law, Flood Damage Protection Law, Subdivision of Lands Law		
D. Check here if your community has maintained its participation in the NFIP's Community Rating System (CRS).		X
E. Check here if your community has joined the CRS since 2009.		
F. Check here if your community has dropped out of the CRS since 2009.		
5. A. Check here if your community has a local zoning ordinance.		X
B. Check here if you (or your predecessor on the CPG) worked with your local zoning board to educate them on the Hazard Mitigation Plan and encourage consideration of low occupancy, low-density zoning in hazard areas, when practicable. Please describe your coordination efforts in the space below. Met with Chairman of Planning and Zoning Board of Appeals		x
6. A. Check here if any job descriptions were revised to include mitigation-related duties to further institutionalize mitigation.		
B. If so, describe.		
7. A. Check here if capital or operating budgets were revised to include a line item for mitigation project funding.		
B. Check here if capital or operating budgets already included this when the plan was first adopted.		
8. A. Check here if your Department of Public Works has adopted more rigorous procedures for inspecting and cleaning debris from streams and ditches (i.e., more frequently).		X
B. If so, describe. Ongoing program of ditching, culvert replacement and enlargement and clearing of roadside debris.		
9. A. Check here if your Planning Department has added hazard vulnerability to subdivision and site plan review criteria.		X
B. If so, describe. Local Law Chapter 188, Subdivision of Land, Chapter 220, Zoning Law.		
10. (NOTE: A response to #10 is only required for UCECEM; all municipalities, please leave blank) Check here if UCECEM sought to identify a community conservation society or other interested voluntary organization to perform inventories of historic sites in hazard areas that might require special treatment to protect them from specific hazards.		
B. If so, describe.		
11. Check here if your community has reached out to partner groups in the community (i.e., nonprofit organizations, businesses, etc.) to identify those who may be willing to donate goods or services and create a database of contact information and indicated goods/services.		
B. If so, describe.		

Community Name : Town of Gardiner

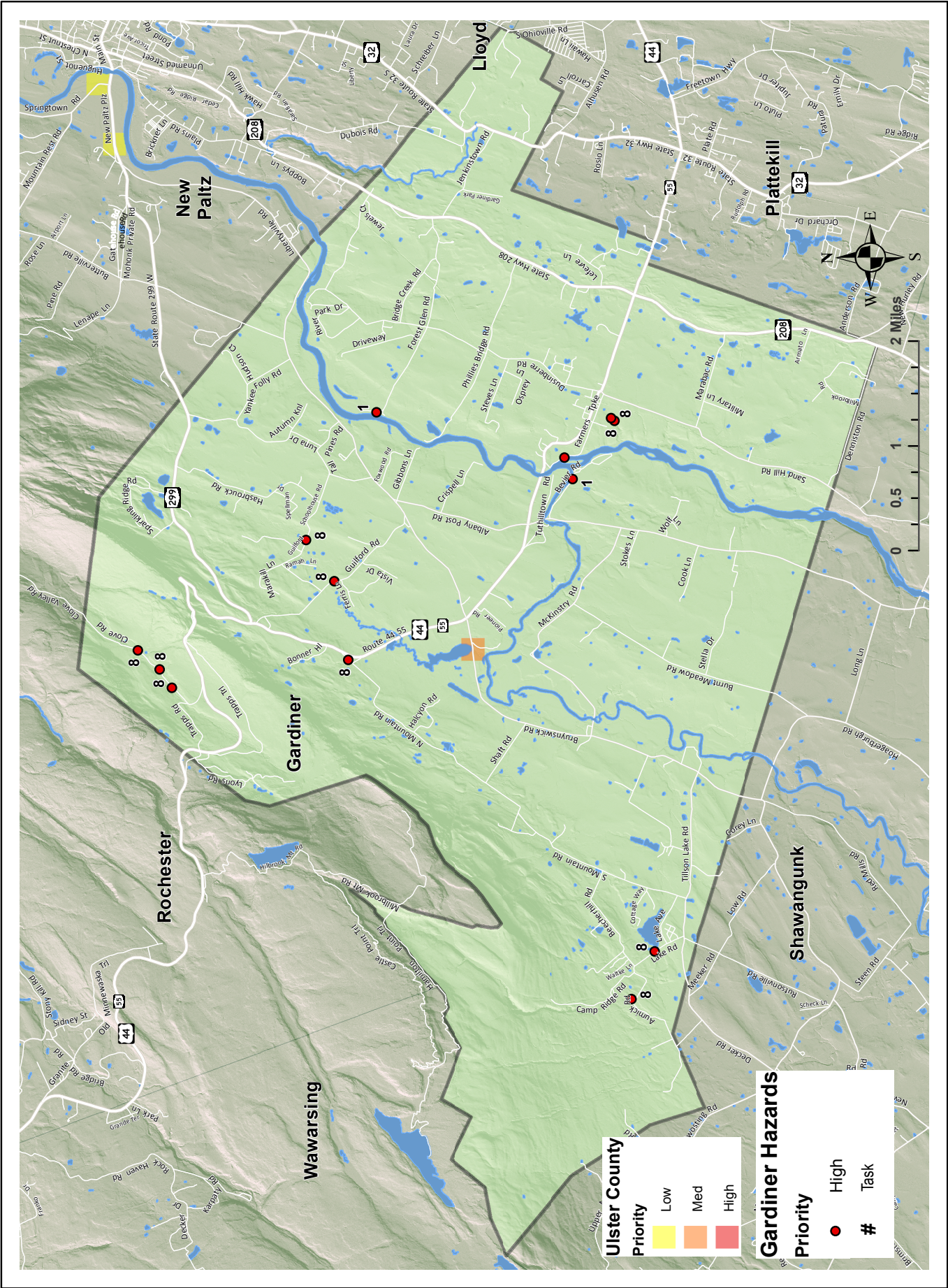
12. Check here if your community has actively sought citizen volunteers to help implement mitigation programs and activities. B. If so, please describe.	
13. A. (NOTE: A response to #13A is only required for UCECEM; all municipalities, please leave blank) Check here if a list was compiled of state agencies that can lend their time, expertise and funds to the implementation of hazard mitigation projects. B. (NOTE: A response to #13A is only required for UCECEM; all municipalities, please leave blank) Check here if assistance was provided to participating jurisdictions in reaching out to state agencies for support. C. If A or B was checked, please describe.	
14. A. Check here if your community has reached out to colleges and universities for technical assistance with hazard mitigation activities. B. If so, please describe.	
15. A. Check here if your community has met at least once with your local library staff members to discuss the mitigation plan so they are well-versed in its purpose and understand where to direct interested parties for more information, to provide feedback, or to become involved. B. If so, please describe.	

TARGETED PLAN INTEGRATION ACTIVITIES FOR THE NEXT PLANNING CYCLE

Please check all activities that your municipality is committing to undertake over the next five years.

1. CPG member will issue a letter to each department head to solicit their support and explore opportunities for further integration of hazard mitigation into the daily activities of the community as a whole.	X
2. A. Incorporate hazard mitigation for natural hazards in the next update of your master, general or comprehensive plan.	X
B. Add a specific hazard mitigation element to the next update of your master, general or comprehensive plan.	
3. Adopt and enforce the minimum building standards established in the current State-adopted IBC (NY edition).	X
4. A. Maintain community participation in FEMA's National Flood Insurance Program.	X
B. Enforce codes and standards beyond FEMA minimum requirements.	X
C. Join (or continue to maintain participation in) the NFIP's Community Rating System.	X
5. Steer growth and development away from high risk locations by using the risk assessment from the hazard mitigation plan as a tool to monitor future updates of community land use plans, zoning and subdivision codes and the development review process.	X
6. Modify work plans, policies or procedures to include hazard mitigation concepts/activities.	X
7. Revise job descriptions to include mitigation-related duties to further institutionalize mitigation.	
8. Revise capital or operating budgets to include a line item for mitigation project funding.	
9. Issue directives to require departments/agencies in the community to carry out certain hazard mitigation activities.	X
10. Require the Department of Public Works to inspect and clean debris from streams and ditches more frequently.	X
11. Add hazard vulnerability to subdivision and site plan review criteria.	X
12. Perform inventories of historic sites in hazard areas in your community to identify where special treatment may be needed to protect them from specific natural hazards.	
13. Reach out to state agencies for assistance with natural hazard mitigation activities.	X
14. Reach out to colleges and universities for technical assistance with natural hazard mitigation activities.	
15. Adopt (or continue to enforce) a local stormwater management plan/ordinance.	X
16. Protect life and property in high hazard areas by limiting densities of new development.	X
17. Increase resilience by limiting the extension of public infrastructure in high hazard areas.	X
18. Reduce the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying where needed.	X
19. Use the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post disaster recovery plan.	X
20. Implement hazard mitigation activities through existing plans and policies.	X
21. Sponsor training on best practices for hazard mitigation for local government staff. (Note: this may be accomplished with other local governments.)	X

Gardiner Hazard Mitigation Actions



Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardiner
Community action number	#1
Assessing the Risk	
Hazard(s) addressed	Flood
Risk finding	Areas located on Forest Gle Road extension, Bevier Road and Farmers Turnpike are subject to repeated flooding.
Describing the Action	
Action category	Structures, infrastructure projects, public education
Action type	Flood proofing
Action description	Initiate a property buyout program for those properties most impacted in the areas specified above.
Existing, future &/or NA	Exiting and future
Evaluating the Action	
Losses avoided (i.e., benefits)	Will eliminate need for emergency evacuations, prevent loss or damage to property and residences. Potential life saving.
Cost estimate	<\$5000,000
Cost effectiveness (i.e., benefit/cost)	Flood insurance rates may be reduced community wide by eliminating potential further development of these properties
Technical	Technically feasible
Political	Difficult at this time to gain political support for this program
Legal	No apparent legal issues
Environmental	No adverse environmental impacts
Social	Does not adversely affect any particular social group.
Administrative capability	Need 2 people to administer the program
Local champion	Town Board members
Other community objectives	Supports the Master Plan
Implementing the Action	
Priority	High
Local planning mechanism	Flood Plain Development, Master Plan
Responsible party	Town of Gardiner Board
Potential funding sources	Grants
Time line	3 years or more
Reporting on Progress	
Action progress status	New action proposed

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Gardiner</i>
Community action number	<i>#2</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood/Natural Disasters/Hurricanes/Ice and Snow Storms</i>
Risk finding	<i>The Town is subject to natural weather occurrences</i>
Describing the Action	
Action category	<i>Emergency Services</i>
Action type	<i>Acquisition</i>
Action description	<i>Obtain emergency power generator for Town Hall as well as sleeping implements and blankets to support use of Town Hall as an emergency shelter facility</i>
Existing, future &/or NA	<i>Protects both future and present development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Effective in providing much needed safe harbor for those experiencing power outage</i>
Cost estimate	<i>\$100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Beneficial to entire community in times of power outage or natural disaster</i>
Technical	<i>Technically feasible</i>
Political	<i>There is support from the community and Town Board</i>
Legal	<i>There are no legal impediments to this proposal</i>
Environmental	<i>No environmental impacts</i>
Social	<i>No social impact</i>
Administrative capability	<i>The Town had adequate personnel to implement and administer</i>
Local champion	<i>Town Board, Director Emergency Management</i>
Other community objectives	<i>Capital improvement</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Master Plan</i>
Responsible party	<i>Town Board, Director Emergency Management</i>
Potential funding sources	<i>Grants</i>
Time line	<i>1 year</i>
Reporting on Progress	
Action progress status	<i>Carried forward from last version of plan. Need to acquire grant writing personnel</i>

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardiner
Community action number	#3
Assessing the Risk	
Hazard(s) addressed	Flood/Ice/Snow/Wild Fire/Hurricane/Avalanche/All natural or man made disasters
Risk finding	There presently is no means of communication with community when power is out
Describing the Action	
Action category	Emergency Services
Action type	Acquisition
Action description	Obtain and maintain emergency one-way radio network and add cellular antennae for emergency services use
Existing, future &/or NA	Existing and future
Evaluating the Action	
Losses avoided (i.e., benefits)	Potential to prevent loss of life and/or property greatly out weighs any cost incurred
Cost estimate	\$50,000
Cost effectiveness (i.e., benefit/cost)	Risks far out weigh the relatively minor costs of establishing critical communications
Technical	Technically feasible
Political	There is political support for this proposal
Legal	Town and local authority existsto implement
Environmental	No environmental impact
Social	No specific social groups affected
Administrative capability	Town has personnel to administer once installed and operational
Local champion	Town Board, Dir of Emergency Management, Fire Departments and Commissioners
Other community objectives	Capital improvement,
Implementing the Action	
Priority	Medium
Local planning mechanism	Master plan
Responsible party	Town Board, Dir of Emergency Management, Fire Departments and Commissioners
Potential funding sources	Grants
Time line	1 year
Reporting on Progress	
Action progress status	New submission to the plan

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Gardiner</i>
Community action number	<i>#4</i>
Assessing the Risk	
Hazard(s) addressed	<i>Drought/Natural Disaster/Fire/Water Contamination</i>
Risk finding	<i>Central Hamlet of Town has no central water supply</i>
Describing the Action	
Action category	<i>Structural Project/Infrastructure</i>
Action type	<i>Acquire connection to NYC Water Aqueduct</i>
Action description	<i>Connct to NYC aquaduct that passes through the Townto provide community water supply to central hamlet and most densely populated area of the Town</i>
Existing, future &/or NA	
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Provide water supply to Central Hamlet to prevent loss of resource in event of drought or surface water cotamination</i>
Cost estimate	<i>Several million dollars</i>
Cost effectiveness (i.e., benefit/cost)	<i>Will provide additional opportunities for development of hamlet</i>
Technical	<i>Technically feasible</i>
Political	<i>Political will at local level, however, may not be present at NYC or State levels</i>
Legal	<i>NYS, NYC, DEP, Ulster County and local authority</i>
Environmental	<i>Environmental impacts only during construction phases</i>
Social	<i>Positive support from community members and specific benefit to residents of Cetral Hamlet</i>
Administrative capability	<i>Outside assistance would be required</i>
Local champion	<i>Town Board</i>
Other community objectives	<i>Capital improvement, economic development</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Master Plan</i>
Responsible party	<i>Town Board</i>
Potential funding sources	<i>Grants</i>
Time line	<i>10 years</i>
Reporting on Progress	
Action progress status	<i>New submission to the plan</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Gardiner</i>
Community action number	<i>#5</i>
Assessing the Risk	
Hazard(s) addressed	<i>All natural and manmade disasters</i>
Risk finding	<i>Public understanding of hazard mitigation and its benefits is limited</i>
Describing the Action	
Action category	<i>Education and outreach</i>
Action type	<i>Public awareness and education program</i>
Action description	<i>Appoint a committee to develop flyers to assist in educating community about mitigation</i>
Existing, future &/or NA	<i>NA</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Public awareness will build support for mitigation measures and encourage property owners to plan for natural and manmade disasters</i>
Cost estimate	<i>\$12,500</i>
Cost effectiveness (i.e., benefit/cost)	<i>The economic benefits of education and outreach make the benefits outweigh the minor costs</i>
Technical	<i>Technically feasible</i>
Political	<i>No obvious political issues</i>
Legal	<i>Education efforts and public safety messages are legal</i>
Environmental	<i>No environmental impacts</i>
Social	<i>Does not adversely affect any particular social group. Provides education for all social groups.</i>
Administrative capability	<i>The town has the capability to administer the program</i>
Local champion	<i>Gardiner Day Committee, Director of Emergency Management</i>
Other community objectives	<i>May be eligible for credit under the Community Ratings System.</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>None</i>
Responsible party	<i>Director of Emergency Management, Committee of Citizens</i>
Potential funding sources	<i>Education foundations</i>
Time line	<i>1 year</i>
Reporting on Progress	
Action progress status	<i>Carried forward from previous plan submission</i>

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Gardiner</i>
Community action number	<i>#6</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding/Ice Dams</i>
Risk finding	<i>Potential loss of critical road and culvert infrastructure due to flooding and Ice Dams</i>
Describing the Action	
Action category	<i>Infrastructure</i>
Action type	<i>Flood mitigation, drainage improvement</i>
Action description	<i>Continued upgrade and maintenance of culverts on Town roadways and provide additional drainage adjacent to those roadways - See attached list:</i>
Existing, future &/or NA	<i>NA</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Beneficial for emergency vehicle use, communications, transportation of critical supplies, and everyday use of the roads.</i>
Cost estimate	<i>Over time: Approx \$1 million</i>
Cost effectiveness (i.e., benefit/cost)	<i>Protection and preventative maintenance of critical infrastructure outweighs cost of repair/replacement</i>
Technical	<i>Technically feasible</i>
Political	<i>Political support is present at the local and county levels. Possibly at the State level</i>
Legal	<i>No legal impediments</i>
Environmental	<i>No environmental impacts</i>
Social	<i>Does not affect any social group other than community members in a positive manner</i>
Administrative capability	<i>The Town has the administrative capabilities</i>
Local champion	<i>Town Highway Superintendent</i>
Other community objectives	<i>Supports economic development, protects critical infrastructure</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Master plan</i>
Responsible party	<i>Highway Supt, Town Supv, Town Board</i>
Potential funding sources	<i>Federal and State grants, local tax</i>
Time line	<i>5-10 years</i>
Reporting on Progress	
Action progress status	<i>Carry over from previous submission</i>

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2013, 2014

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DISTRICT 1

DISTRICT 2

DISTRICT 3

DISTRICT 4

AMANI	✓ BRIDGE CREEK ^{Ditch}	✓ ALBANY POST ^{Pipes}	DENNISTON
✓ AUMER ^{Ditch}	✓ CHURCH FARM ^{Pipes}	✓ ARDEN ^{Ditch Pipes}	✓ FARMERS ^{Ditch}
✓ BEECHER HILL ^{Ditch}	✓ CLIFF VIEW ^{Ditch Pipes}	✓ AUTUMN KNOLL ^{Pipes}	✓ MARABAC ^{Ditch Pipes}
BEVIER	DEYO	✓ CLOVE ^{Ditch Pipes}	MILITARY
✓ BLACKHAWK TRAIL ^{Ditch Pipes}	✓ DUBOIS ^{Ditch Pipes}	✓ CRISPELL ^{Easement Ditch}	MILLBROOK
✓ BURNT MEADOW ^{Ditch Pipes}	✓ DUSINBERRE ^{Ditch Pipes}	DURMO	MURPHY
✓ CAMP RIDGE ^{Pipes Ditch}	EMMY	✓ ELYSE ^{Ditch Pipes}	STATION SQ
✓ CAMPFIRE ^{Ditch}	EVERY	✓ EMILS ^{Ditch}	THIRD 89
✓ COOKS ^{Ditch}	FIFTH	FERRIS	
✓ HALCYON ^{Ditch}	✓ FOREST GLEN ^{Easement Ditch Pipes}	FOXWOOD	TRAPPSVILLE
✓ KELSO ^{Ditch}	FORTH	GIBBONS	FARM RD.
✓ LAKE ^{Pipes Ditch}	GARDINER PK.	✓ GREAT OAK ^{Ditch Pipes}	ROSE LA.
LYONS	GIBBONS	✓ GUILFORD ^{Ditch Pipes}	
✓ N. MT. ^{Ditch Pipes}	GLEN CIR	✓ GUILFORD S.H. ^{Box Curb Easement Ditch Pipes}	
RUTSONVILLE	HEIDI	HASBROUCK	
✓ SADDLEBACK ^{Ditch}	✓ JENKINSTOWN ^{Ditch Pipes}	LAUREN	
SHAFT	✓ MARES ^{Ditch Pipes}	LUNA	
SHELDON	✓ MICHELLE ^{Ditch Pipes}	✓ MARAKILL ^{Ditch}	
✓ S. MT. ^{Ditch Pipes}	✓ OLD FORD ^{Ditch Pipes}	✓ MOONSTONE ^{Ditch}	
STELLA	OLD RT 208	✓ MOONWATHER ^{Ditch}	
STOKES	OSPREY	OUT LOOK	
TINA	PHILLIES BRIDGE	RAMAH	
✓ TINKERS ^{Ditch}	✓ RIVER PARK ^{Ditch Pipes}	RIDGEVIEW	
TUTTLETOWN	SECOND	SENIC RIDGE	
WOLF	✓ STEVES ^{Ditch Pipes}	SHARON	
' RIVERWOOD LA.	WINDSOR	✓ SPARKLING RDC. ^{Ditch Pipes}	
HICORY RIDGE RD.		✓ SPELLMAN ^{Ditch Pipes}	
		✓ TALL PINES ^{Ditch Pipes}	
		TRAPPS	
		VISTA	

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardiner
Community action number	#7
Assessing the Risk	
Hazard(s) addressed	Wildfire, Avalanche, Storm Damage, Manmade disaster
Risk finding	A vast area of the Town of Gardiner is heavily wooded and at the base of the Shawangunk Ridge
Describing the Action	
Action category	Public Safety/ Emergency Services Acquisition
Action type	Acquisition
Action description	Use equip. to continue maint. of existing firebreaks throughout public lands on Shawangunk Ridge area, for wind storm damage + recovery.
Existing, future &/or NA	Obtain additional equipment to be used for suppression of wildfire, recovery from ice/storm damage, recovery of possible victims
Evaluating the Action	
Losses avoided (i.e., benefits)	Loss of critical environmental areas of the Town, economic loss
Cost estimate	\$300,000 - \$1,000,000
Cost effectiveness (i.e., benefit/cost)	Protection and prevention of damage to critical environmental areas, as fragile as they are, is vital to the economy of the Town, County, and State
Technical	Technically feasible
Political	Support from local community, State Parks, Mohonk Preserve
Legal	No legal impediments
Environmental	No environmental impact unless not carried forward. The Shawangunk Ridge provides many dollars to Local, County and State from fees and tourism
Social	No singular group is impacted
Administrative capability	Outside assistance would be needed
Local champion	Fire Depts, Fire Commissioner, Town Board
Other community objectives	Supports critical Shawangunk Ridge areas and past disaster recovery
Implementing the Action	
Priority	High
Local planning mechanism	NA
Responsible party	Gardiner and Shawangunk Valley Fire Depts, Town Board
Potential funding sources	Grants from NYS and Federal govts, Mohonk Preserve,
Time line	5 years
Reporting on Progress	
Action progress status	New action proposed

Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Gardiner</i>
Community action number	<i>#8</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood, Ice Dams, Ice Storms, Hurrican</i>
Risk finding	<i>Several bridges within the Town are subject to flood damage, ice damage, storm damage</i>
Describing the Action	
Action category	<i>Structural project</i>
Action type	<i>Drainage improvement, flood proofing</i>
Action description	<i>Update and improve or replace several bridges in the Majestic Park(2), Clove Road(3), N. Mtn Rd(1), Lake Rd(1), Aumick Rd(1), Guilford SchHse Rd(1), Guilford Rd(1), Rt 44/55</i>
Existing, future &/or NA	<i>Future and Existing</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Loss of critical infrastructure would mean potential isolation of significant populations, prevent emergency access/recovery</i>
Cost estimate	<i>Over \$50 Million</i>
Cost effectiveness (i.e., benefit/cost)	<i>Updating/upgrading these bridges will prevent fuuture costly repairs/replacement costs</i>
Technical	<i>Technically feasible</i>
Political	<i>Political will exists at local level, possibly at County and State level</i>
Legal	<i>No legal impediments</i>
Environmental	<i>No significant environmental impact post construction phase</i>
Social	<i>Impacts nearly the entire community</i>
Administrative capability	<i>Outsiade assistance would be needed</i>
Local champion	<i>Town Board, Highway Supt</i>
Other community objectives	<i>Capital improvements, economic development</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>NA</i>
Responsible party	<i>Federal, State, County and Local governments</i>
Potential funding sources	<i>Grants</i>
Time line	<i>10 years</i>
Reporting on Progress	
Action progress status	<i>New action proposal</i>

Action Worksheet	
Your plan name	Ulster County Multi-Jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardner
Community action number	#0219
Assessing the Risk	
Hazard(s) addressed	Flooding
Risk finding	Areas along Old Ford Rd, Lower Forest Glen Rd, Bridge Creek Rd + Guilford Road occasionally flood
Describing the Action	
Action category	Roadway Infrastructure
Action type	Flood Proofing
Action description	Replacement of Culverts, maintenance of ditching + repaving.
Existing, future &/or NA	Existing + Future
Evaluating the Action	
Losses avoided (i.e., benefits)	Prevent damage to roadway + potential damage to adjacent properties.
Cost estimate	\$150,000 +/-
Cost effectiveness (i.e., benefit/cost)	Benefits + reduces repairs needed post event
Technical	Technically feasible
Political	There is support from Town Bd + Community
Legal	No apparent legal issues
Environmental	No adverse environmental impacts.
Social	Does not affect social groups.
Administrative capability	Highway Supt has adequate personnel.
Local champion	Highway Supt.
Other community objectives	Supports the master plan
Implementing the Action	
Priority	High
Local planning mechanism	Town Budget
Responsible party	Town Board, Highway Supt
Potential funding sources	Town Budget + Grants
Time-line	2 years or less
Reporting on Progress	
Action progress status	Carried forward from last version of plan.

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardner
Community action number	#10
Assessing the Risk	
Hazard(s) addressed	Fire, Flood
Risk finding	Most businesses do not have emergency plans in place in case of flood or fire
Describing the Action	
Action category	Public education, Planning mechanism
Action type	Education + outreach
Action description	Encourage local businesses to develop + maintain emergency plans
Existing, future &/or NA	Existing + future development
Evaluating the Action	
Losses avoided (i.e., benefits)	Possible mitigation of potential damage + increased fire protection
Cost estimate	\$5,000
Cost effectiveness (i.e., benefit/cost)	100% Cost effective -
Technical	Technically feasible
Political	There is support politically
Legal	No legal impediments
Environmental	No adverse environmental impacts
Social	Does not affect social groups other than business owners.
Administrative capability	Fire Dept personnel + Bldg Insp.
Local champion	Fire Dept + Bldg. Inspector
Other community objectives	Improved fire safety for business community
Implementing the Action	
Priority	High
Local planning mechanism	Fire Dept + Local + State Fire Code
Responsible party	Fire Departments, Bldg. Insp., Dir Emerg. Mgmt.
Potential funding sources	Local Business Organizations, Grants
Time line	Ongoing
Reporting on Progress	
Action progress status	Carried forward from last version of plan.

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Town of Gardiner
Community action number	# 11
Assessing the Risk	
Hazard(s) addressed	Flooding
Risk finding	Farmers Turnpike + Lower Fort Glen Roads have multiple residences in flood plain.
Describing the Action	
Action category	Structural Projects
Action type	Elevation of structure above flood level
Action description	As Projects undertaken by property owners, insure construction meets existing codes
Existing, future &/or NA	Existing + future
Evaluating the Action	
Losses avoided (i.e., benefits)	Future flood related damage 7,100,000 per event
Cost estimate	No cost to municipality - Cost borne by homeowners
Cost effectiveness (i.e., benefit/cost)	100% cost effective
Technical	Technically feasible
Political	Political support exists
Legal	No legal impediments
Environmental	Reduce impacts from flood damage, reduction of debris in flood flow
Social	Effects only those homeowners whose homes are located in flood plain.
Administrative capability	Bldg. Inspector has administrative capability
Local champion	Bldg. Insp / Planning Board
Other community objectives	
Implementing the Action	
Priority	High
Local planning mechanism	Zoning Law, State Bldg. Codes
Responsible party	Bldg. Inspector
Potential funding sources	Town Budget
Time line	Ongoing as Const. Projects arise
Reporting on Progress	
Action progress status	Carried forward from previous plan



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: Town of Gardiner

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
① 10/3/13	Kick-off Mtg.	Kick-off Mtg.	Henk Vance, Bldg. Insp.; Brian Stiscia, Highway Supt.; Anna Foley - URS
② 10/31/13	Mtg.	Mtg. w/Nicole Lane, Librarian re: emergency evac. plan & Hazard Mitigation Strategy	Henry Vance, CEO
③ 11/21/13	Telephone Conversation	w/Barry Medanbach, P.E. re: LazyRiver Campground site plan & mitigation	Henry Vance, CEO
④ 1/24/14	Telephone & Data Base Creation	Creation of Data Base of Flood Plain impacted parcels in Town	Henry Vance, CEO Rick Umble - Ulster Co. GIS Technology
⑤ 3/6/14	Mtg.	Discussion Re: Planning Board suggestions for update	Town Planning Board Chairman and Henry Vance, CEO

*Please add additional pages as needed and return via email to Anna Foley at: anna.foley@urs.com.
For questions, please call 973-883-8500.*



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: Town of Gardiner

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
4/15/14	Mtg.	Mtg. w/Planning Board specific to mitigation & site plan for LazyRiver Campground	Henry Vance, CEO Town Planner Planning Board
5/6/14	Telephone Discussion	Discussion re: potential mitigation topics for next submissions	Town Planner Hank Vance, CEO
5/20/14	Mtg.	Brian Lee - Tuthilltown Distillery - hazard mitigation	Henry Vance, CEO
6/5/14	Mtg.	Discussion w/newly appointed Director of Emergency Management	Director of Emergency Management & Henry Vance, CEO
6/16/14		Etc.	Town, ZBA - Mike Beck Henry Vance, CEO

**Please add additional pages as needed and return via email to Anna Foley at: anna.foley@urs.com.
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Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: Town of Gardiner

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
6/17/14	Mtg.	Discussion w/Amador LaPut, P.E. re: water drainage issues & mitigation for ice development in Hamlet	Brian Stiscia, Highway Supt. Henry Vance, CEO
7/8/14	Flood damage prevention program mtg.	NYS DEC, Surveyed the Town's Flood Damage Prevention Program toured flood prone areas & flood plain	NYS DEC - David Sherman Env. Program Specialist DEC - Jennifer Horton Henry Vance - Town of Gardiner Bldg. Insp. & CEO
7/11/14	Mtg. @ 146 Guilford Road	Mtg. to discuss replacement of culvert & drainage Flood precation	Brian Stiscia, Highway Supt. Henry Vance, CEO
9/11/14	Mtg. w/Brian Lee re: Tuthilltown Distillery & Tuthill House Rest. Flood Plain		Henry Vance, CEO
10/16/14	Telephone w/ Brian Lee re: Tuthilltown Distillery & Tuthill House Rest. Flood Plain		Henry Vance, CEO

**Please add additional pages as needed and return via email to Anna Foley at: anna.foley@urs.com.
For questions, please call 973-883-8500.**



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: Town of Gardiner

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
16 10/21/14	Telephone Discussion	Discussion Re: ptential mitigation topic for next submissions	Town Planner Henry Vance, CEO
17 11/14/14	Telephone	Discussion w/Carlos Velaz owner of Prop. @ Sheldon Rd. re: Private Driveway & fire break	Henry Vance, CEO
18 11/25/14	Telephone	Barry Meddenbach, P.E. LazyRiver Campground Flood Plain - Evac. Plan DEC permits, etc.	Henry Vance, CEO
19 11/25/14	Mtg/Inspection	Mohonk Preserve Mtg. w/ Head Ranger - discussed mitigation & Trail/Fire break Maint.	Henry Vance, CEO
20 12/19/14	Mtg.	Discussion w/Chairman of Planning Board re: submissions for next mitigation	Henry Vance, CEO Chairman - Planning Board

**Please add additional pages as needed and return via email to Anna Foley at: anna.foley@urs.com.
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	DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
21	6/2/15	Mtg. w/ECC	Discussion of Proposed wetlands	Henry Vance, CEO ECC Members
22	6/30/15	Mtg.	Charles Majestic - Pvt. land owner on No. Mtn. Rd. re: driveway construction fire break etc.	Henry Vance, CEO
23	7/ 8/15	Mtg.	Meeting w/UC HM	Henry Vance, CEO
af	7/13/15	Information Sharing	Meetings w/local business troupe (GAB) & Gardiner Day	Carl Zatz, Supervisor
15	8/13/15	Mtg.	Finalize submission for update	Carl Zatz, Town Supervisor

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