

JURISDICTIONAL ANNEX 1.2.20: VILLAGE OF SAUGERTIES

Please fill in the contact details for the person filling in this page:		WORKSHEET 1
Name:	Alexander L. Wade	
Title:	Special Assignments	
Representing:	Saugerties, Village of	
Email:	ajax_1@usa.net	
Phone:	845-246-2321, Ext. 6	

Local Jurisdiction Role/Position	Name	Email	Phone	Date Notified About Mitigation Plan Development Process	Agreed to participate? (Yes/No)
Land Use/ Community Planner	Jeff Helmuth	mfrank@villageofsaugerties.org	845246-2321	Oct. 3, 2014	Yes
Emergency Manager	Alexander Wade	ajax_1@usa.net	845-246-2321	Sept. 1, 2013	Yes
Floodplain Manager/ Floodplain Administrator	Eyal Saad	esaad@villageofsaugerties.org	845-246-2321	Sept. 1, 2013	Yes
Public Works Director / City Engineer	Robert Ciarlante		845-389-4995	Sept. 1, 2013	Yes
Replacement Public Works Director	Robert Fanelli	rfanelli@villageofsaugerties.org	845-532`-5905	August 2015	Yes
Building Code Official	Eyal Saad	esaad@villageofsaugerties.org	845-246-2321	Sept. 1, 2013	Yes
Fiscal/Budget Officer	Helene King	hking@villageofsaugerties.org		Sept.1, 2013	Yes
Manager/Administrator	Mary Frank	mfrank@villageofsaugerties.org	845-246-2321	Sept. 1, 2013	Yes
Replacement Administrator	Lisa Mayone	lmayone@villageofsaugerties.org	845-216-2321	August 2015	Yes
Elected Officials	William Murphy, Mayor	bmurphy@villageofsaugerties.org	845-246-2321	Sept 1, 2013	Yes
Other 1:	Mike Hopf, Water Super	mhopf@villageofsaugerties.org	845-849-5012	Sept. 1 2013	Yes
Other 2:	Mke Marino, Wastewater	mmarino@villageofsaugerties.org	845-849-5327	Sept. 1, 2013	Yes
Other 3:					



Name: Alexander Wade Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator
 Representing: Village of Saugerties Email and Phone: ajax_1@usa.net 845-246-2321

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 ¹	Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator)	Is this person is a Certified Floodplain Manager?	Is floodplain management an auxiliary function?	Is your community in good standing with the NFIP?
9/20/09	9/10/82	Code Enforcement Officer	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):					
A Floodplain Development Permit is required for new or improved structures in Zones A1-A30, AE or AH or Zone A. Permit requires certification by a licensed Engineer or Architect that the structure meets all requirement for construction in a floodplain including BFE. Building Inspector approves plans and issues Floodplain Permit. Field inspections are made to insure compliance.					
Describe barriers to running an effective NFIP program in the community (if applicable):					
Flood Water Discharges from Ashokan Reservoir cause unpredictable flood levels and make evacuation planning difficult					
When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?*	Is a CAV or CAC scheduled or needed?	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 continue to enforce the floodplain management requirements including regulating new construction in Special Flood Hazard Areas (SFHAs)?	Does your community participate in the CRS? If so, state your Class.
unknown	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
*Describe any outstanding compliance issues (i.e., current violations):					
Due to recent extreme flooding and best practices the Building Department now requires BFE+4 Revising Local Law					
Provide an explanation of your local floodplain permitting process:					

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



Name: Alexander Wade Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator
Representing: Village of Saugerties Email and Phone: ajax_1@usa.net 845-246-2321

Building Inspector requires that base elevation be four feet above flood stage. There are no more vacant buildable properties in the floodplain

Does your community intend to continue floodplain identification and mapping services including any local requests for map updates?	Does your community intend to initiate/continue the buyouts of repetitive loss properties?	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 local outreach to promote the sale of flood insurance?	Does your community intend to participate in RiskMAP meetings and planning initiatives?	Does your community intend to continue to implement structural improvements to mitigate against flooding - culverts, drainage basins, etc.?	Does your community intend to continue to implement home improvement programs designed to minimize basement flooding?	Does your community intend to continue to implement roadway improvements to reduce damage from future flooding events?	Does your community intend to implement plans and programs in coordination with a local or regional drainage/sewer authority?
<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No
Does your community intend to adopt the new FEMA Advisory Base Flood Elevations?	Have there been any changes to your community's local floodplain management program since the last version of the plan in 2009?							
<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No							
* If you answered "yes", that there have been changes to your local program since 2009, please describe:								
Provide a description of your community assistance and monitoring activities:								
Monitoring basement, electrical and fuel tank hazards in flood areas and assisting homeowners with remediation.								
NFIP participating communities are required to update/revise their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to commit to this program requirement?				NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest FIRMs. Will your community continue to commit to this program requirement?				
<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No				<input type="checkbox"/> x <input type="checkbox"/> Yes <input type="checkbox"/> <input type="checkbox"/> No				

Note: NFIP policy statistics by community are maintained at: <http://bsa.nfipstat.fema.gov/reports/1011.htm#NJT>
NFIP claims data by community is maintained at: <http://bsa.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.)**

Name: Alexander Wade

Title: Special Assignments

Representing: Village/Saugerties

Email and Phone: ajax_1@usa.net 845-246-2321.Ext.#6

- 1. The Village of Saugerties as experienced extensive residential growth, primarily in single family housing with some multiple dwellings. A Co-Housing project of 14 units and conversion of an abandoned factory into 89 units of low-income senior housing are exceptions. Another empty factory was converted into a Town Hall Complex. (Located in the Village) There are no industrial or agricultural uses within the Village.**
- 2. Low-lying areas of the Village along Lighthouse Drive and Ferry Street are subject to severe flooding. We issue Floodplain Permits for all construction within these areas. All new construction must be two feet above floodplain level. We encourage property owners to elevate their homes where possible. The Waterfront advisory Board reviews all new construction. We are the only upstate community with the legal right to regulate our waterways and we have several strict regulations as to type and size of construction, vessel speed limits, etc.**



Local Land Uses and Development Trends

For the initial Plan, Core Planning Group members were asked to provide responses to a Land Uses and Development Trends Questionnaire for the individual jurisdictions. This brief questionnaire consisted of the following two questions:

1. Please describe development trends occurring within your jurisdiction, such as the predominant types of development occurring, location, expected intensity, and pace by land use. While details are preferred, it is ok if your feedback is qualitative and quite general, such as *“high-occupancy, high-density residential development is occurring near the waterfront”*.
2. Does your jurisdiction enforce regulations/ordinances/codes to protect new development from the effects of natural hazards? (Some examples might be floodplain management ordinances enforcing FEMA’s NFIP for new development or substantial improvements in the floodplain; steep slope ordinances for community’s which may have landslide hazards; earthquake resistant design criteria and/or high wind design criteria; or buffer zones in wildfire hazard areas.) If so, please describe.

Responses to these two questions, as submitted by each jurisdiction, are presented in the following table (as copied directly from the 2009 Approved Plan).



<p>Table 3d.6 Summary of Responses - Land Uses and Development Trends Worksheet – 2009 Approved Plan <i>(Source: Core Planning Group Members)</i></p>		
Community	1. Land Uses and Development Trends in Hazard Areas	2. Regulations/Codes/Ordinances To Protect New Development From Natural Hazards
Saugerties, Town of	<i>Response was not received in 2009.</i>	<i>Response was not received in 2009.</i>
Saugerties, Village of	<i>Response was not received in 2009.</i>	<i>Response was not received in 2009.</i>
Shandaken, Town of	Last year and this year, most of our developments are alterations and repairs to single family homes. We had four single family homes being built. We get a lot of sheds, garages, wood stove permits. 75 percent of our town is owned by the State. We do not have much land to develop.	The town of Shandaken has zoning codes and flood plain management ordinances for development near the Esopus Creek.
Shawangunk, Town of	<i>Response was not received in 2009.</i>	<i>Response was not received in 2009.</i>
Ulster, Town of	Last year and this year, most of our developments are alterations and repairs to single family homes. We had four single family homes being built. We get a lot of sheds, garages, wood stove permits. 75 percent of our town is owned by the State. We do not have much land to develop.	The town of Shandaken has zoning codes and flood plain management ordinances for development near the Esopus Creek.
Wawarsing, Town of	<i>Response was not received in 2009.</i>	<i>Response was not received in 2009.</i>
Woodstock, Town of	<i>Response was not received in 2009.</i>	<i>Response was not received in 2009.</i>



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: Alexander
Wade

Title: Specil
Assignments

Representing: Village of
Saugerties

Email _____ and Phone: ajax 1@usa.net 845-849-
5343

Legal and Regulatory Capability

Table 4-1 Legal and Regulatory Capability Inventory													
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	x	x	x			x	x		x	x	x		x
Shandaken, Town of	✓	✓	✓	✓		✓	✓			✓			
Shawangunk, Town of													
Ulster, Town of	✓	✓	✓	✓		✓	✓			✓			
Wawarsing, Town of													
Woodstock, Town of													

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
Saugerties, Village of	X	X	X	X	X		X	X			X	X	X	X
Shandaken, Town of					✓									
Shawangunk, Town of														
Ulster, Town of			✓	✓	✓	✓		✓		✓	✓			
Wawarsing, Town of														
Woodstock, Town of														

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		x	x	x	x	x				x
Shandaken, Town of				✓						
Shawangunk, Town of										
Ulster, Town of	✓	✓	✓	✓		✓	✓			
Wawarsing, Town of										
Woodstock, Town of										

Municipality Village of
Saugerties

Would you classify your community's legal and regulatory capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall technical capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall fiscal capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall administrative 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>Moderate</u>	<u>High</u>	<u>Low</u>	<u>Moderate</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.

Try to work jointly with the Town of Saugerties which surrounds our Village and has a much larger tax base to implement strategies.

The area of potential flooding is relatively small and we have devoted much time and effort to dealing with our flooding problems. I feel that we are in good overall shape to respond to future natural emergencies. We have a very community-minded population with lots of able volunteers.

WORKSHEET 5 NOT APPLICABLE

(DID NOT PARTICIPATE IN 2009, SO
NO PAST PROJECTS TO TRACK)



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: Alexander L. Wade

Title: Special Assignments

Representing: Village of Saugerties

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Phone: ajax 1@usa.net845.849.5343

Village of Saugerties

Community Name

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.	X
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.	X
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. <u>Restricted construction in Floodplain areas.</u>	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. <u>Toughened our requirements</u>	X

Village of Saugerties

Community Name _____

<p>B. Check here if your community was already enforcing regulations beyond FEMA minimum requirements.</p> <p>C. Briefly explain here what is currently being enforced beyond FEMA minimum requirements.</p>	
<p>D. Check here if your community has maintained its participation in the NFIP's Community Rating System (CRS).</p> <p>E. Check here if your community has joined the CRS since 2009.</p> <p>F. Check here if your community has dropped out of the CRS since 2009.</p>	
<p>5. A. Check here if your community has a local zoning ordinance.</p> <p>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.</p>	X
<p>6. A. Check here if any job descriptions were revised to include mitigation-related duties to further institutionalize mitigation.</p> <p>B. If so, describe.</p>	
<p>7. A. Check here if capital or operating budgets were revised to include a line item for mitigation project funding.</p> <p>B. Check here if capital or operating budgets already included this when the plan was first adopted.</p>	
<p>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).</p> <p>B. If so, describe.</p>	
<p>9. A. Check here if your Planning Department has added hazard vulnerability to subdivision and site plan review criteria.</p> <p>B. If so, describe.</p>	
<p>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.</p> <p>B. If so, describe.</p>	
<p>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.</p> <p>B. If so, describe.</p>	

Village of Saugerties

Community Name _____

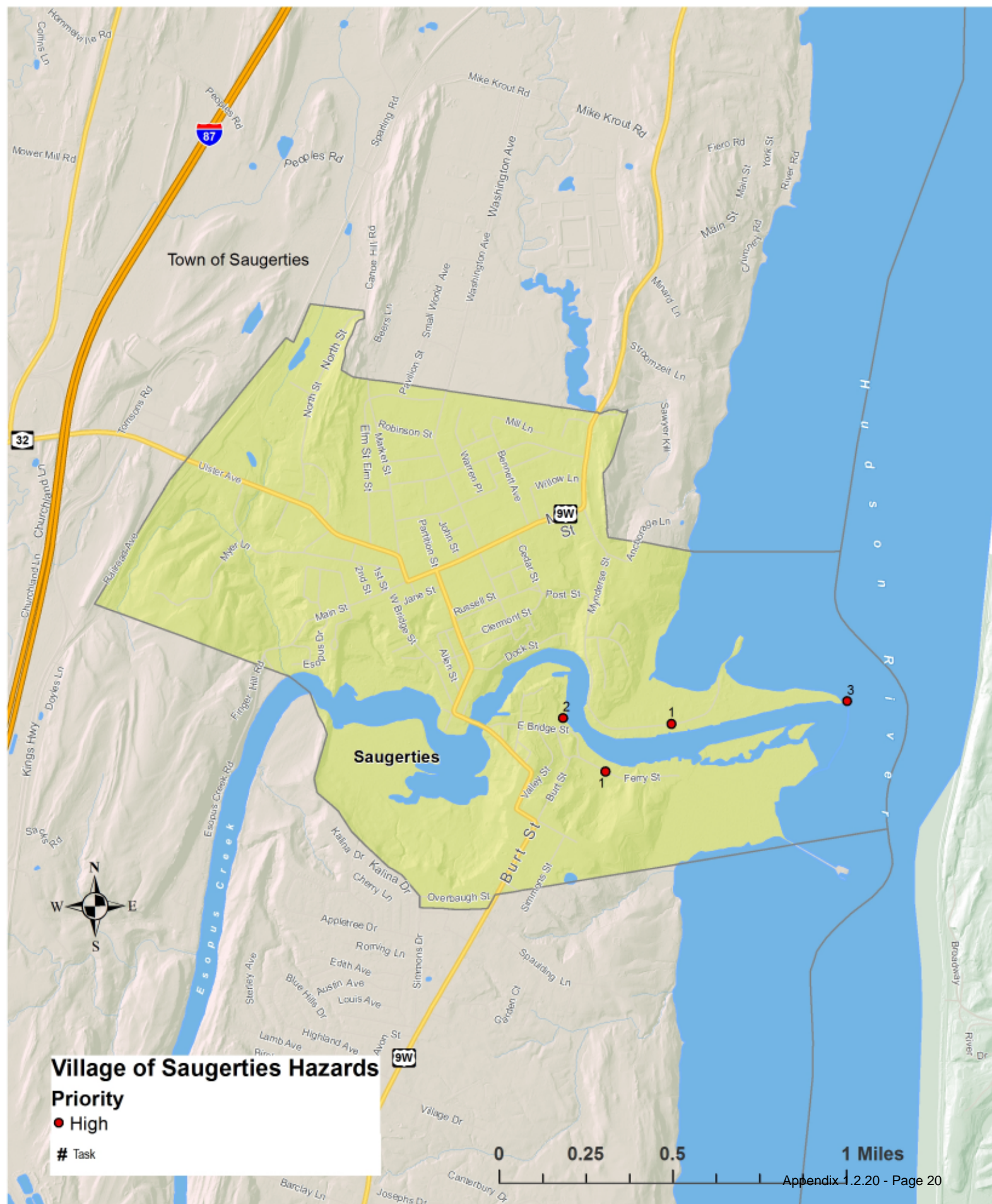
12. Check here if your community has actively sought citizen volunteers to help implement mitigation programs and activities. B. If so, please describe.	
13. A. (NOTE: A response to #13A is only required for UCECEM; all municipalities, please leave blank) Check here if a list was compiled of state agencies 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.	<input checked="" type="checkbox"/>
2. A. Incorporate hazard mitigation for natural hazards in the next update of your master, general or comprehensive plan.	<input checked="" type="checkbox"/>
B. Add a specific hazard mitigation element to the next update of your master, general or comprehensive plan.	<input checked="" type="checkbox"/>
3. Adopt and enforce the minimum building standards established in the current State-adopted IBC	<input checked="" type="checkbox"/>
4. A. Maintain community participation in FEMA's National Flood Insurance Program.	<input checked="" type="checkbox"/>
B. Enforce codes and standards beyond FEMA minimum requirements.	<input checked="" type="checkbox"/>
C. Join (or continue to maintain participation in) the NFIP's Community Rating System.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
6. Modify work plans, policies or procedures to include hazard mitigation concepts/activities.	<input checked="" type="checkbox"/>
7. Revise job descriptions to include mitigation-related duties to further institutionalize mitigation.	<input checked="" type="checkbox"/>
8. Revise capital or operating budgets to include a line item for mitigation project funding.	<input checked="" type="checkbox"/>
9. Issue directives to require departments/agencies in the community to carry out certain hazard mitigation activities.	<input checked="" type="checkbox"/>
10. Require the Department of Public Works to inspect and clean debris from streams and ditches more frequently.	<input checked="" type="checkbox"/>
11. Add hazard vulnerability to subdivision and site plan review criteria.	<input checked="" type="checkbox"/>
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.	
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.	<input checked="" type="checkbox"/>
16. Protect life and property in high hazard areas by limiting densities of new development.	<input checked="" type="checkbox"/>
17. Increase resilience by limiting the extension of public infrastructure in high hazard areas.	<input checked="" type="checkbox"/>
18. Reduce the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying where needed.	<input checked="" type="checkbox"/>
19. Use the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post disaster recovery plan.	<input checked="" type="checkbox"/>
20. Implement hazard mitigation activities through existing plans and policies.	<input checked="" type="checkbox"/>
21. Sponsor training on best practices for hazard mitigation for local government staff. (Note: this may be accomplished with other local governments.)	<input checked="" type="checkbox"/>

Saugerties (Village) Hazard Mitigation Actions



Action Worksheet	
Your plan name	<i>Ulster County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Village of Saugerties</i>
Community action number	<i>1</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding on Lighthouse Drive and Ferry Street</i>
Risk finding	<i>Flooding occurs when storms coincide with high tides and illegal DEP discharges from Ashokan Reservoir</i>
Describing the Action	
Action category	<i>Evacuation plan</i>
Action type	<i>Owners of properties are notified of pending flooding and evacuated by police and FD.</i>
Action description	<i>Fire Department removes affected residents. VILLAGE</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>potential loss of life avoided</i>
Cost estimate	<i>??</i>
Cost effectiveness (i.e., benefit/cost)	<i>what is a life worth?</i>
Technical	<i>NA</i>
Political	<i>NA</i>
Legal	<i>NA</i>
Environmental	<i>Saves lives and pets</i>
Social	<i>good will form citizens</i>
Administrative capability	<i>excellent</i>
Local champion	<i>FD</i>
Other community objectives	<i>discourage new construction in this area</i>
Implementing the Action	
Priority	<i>Very High</i>
Local planning mechanism	<i>NA</i>
Responsible party	<i>PD & FD</i>
Potential funding sources	<i>NA</i>
Time line	<i>standing action plan</i>
Reporting on Progress	
Action progress status	<i>Plan is in place</i>

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Village of Saugerties
Community action number	2
Assessing the Risk	
Hazard(s) addressed	Washout of bulkhead at Esopus creek at Tina Chorvas Park
Risk finding	Missing bulkhead is a hazard for seniors in housing project next door. Continued erosion is causing loss of park property into the Esopus.
Describing the Action	
Action category	erosion prevention
Action type	Obtained funding from CRZ to repair bulkhead and extend onto adjoining property.
Action description	Replacing washed out and eroded bulkhead with new materials and backfilling same.
Existing, future &/or NA	future
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoided loss of parkland and fishing pier.
Cost estimate	\$275,000
Cost effectiveness (i.e., benefit/cost)	very effective, if not repaired now, it will cost more in the future.
Technical	very feasible
Political	High level of public support for park
Legal	Both entities own the properties involved
Environmental	All environmental permits have been secured
Social	Many people enjoy fishing, kayaking and concerts at this park.
Administrative capability	Previous work was implemented with assistance from DPW. Same this time
Local champion	Arm of the Sea Theatre
Other community objectives	Helps to encourage fishing along extended pier. More people can use the park.
Implementing the Action	
Priority	High level of public support for park
Local planning mechanism	Parks Department and DPW and Code Enforcement Officer
Responsible party	Eyal Saad - Floodplain Manager and Building Code Enforcement Officer
Potential funding sources	CRZ
Time line	Engineers under contract; work slated for 2016
Reporting on Progress	
Action progress status	Working on final cost estimates and reviewing already completed engineering.

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Village of Saugerties
Community action number	3
Assessing the Risk	
Hazard(s) addressed	Damaged ice breaker and bulkhead pilings at the Saugerties Lighthouse
Risk finding	Missing ice breaker could cause washout of lighthouse foundation and damaged bulkhead could interfere with operation of the lighthouse
Describing the Action	
Action category	erosion protection
Action type	Obtained funding from CRZ and private grant to install sheet piling to stabilize ice breaker and bulkhead pilings.
Action description	Making physical repairs to pilings and driving sheet piling.
Existing, future &/or NA	future
All repairs and new equipment installed will be protected to the 500 year flood level.	
Evaluating the Action	
Losses avoided (i.e., benefits)	Lighthouse attracts over 60,000 visitors per a year and is booked overnight for years. Loss or disruption would be a severe economic blow to the community.
Cost estimate	\$460,000
Cost effectiveness (i.e., benefit/cost)	very effective; lighthouse would cost millions to replace and could be lost forever if stabilization is not done. Boat traffic and Coast Guard operations would be hurt by loss of light.
Technical	very feasible, but expensive
Political	Extremely high level of public support for the lighthouse. It is a widely used local icon.
Legal	Fully owned by a conservancy.
Environmental	Permits are being secured by our engineers
Social	See above for attendance figures.
Administrative capability	Lighthouse staff, board and Village employees
Local champion	Patrick Landewe, Lighthouse keeper and Village Trustee
Other community objectives	Furthers continued economic growth.
Implementing the Action	
Priority	Very high.
Local planning mechanism	Private entity; Joint CRZ venture with Village
Responsible party	Patrick Landewe - Lighthouse keeper and Village Trustee
Potential funding sources	CRZ + Grant
Time line	2016
Reporting on Progress	
Action progress status	Engineers working on permitting and specifications for work.

Action Worksheet	
Your plan name	Ulster County Multi-jurisdictional Hazard Mitigation Plan
Your community name	Village of Saugerties
Community action number	4
Assessing the Risk	
Hazard(s) addressed	Turbidity in Town and Village water supply after severe storms.
Risk finding	Avoiding health risks and boil water notices for 9,000 customers.
Describing the Action	
Action category	Public health protection
Action type	Obtained CRZ funding to install a third filtration pass at our treatment plant
Action description	Build an extension to existing plant and add a third filter pass so the plant can continue operation during severe storms <i>Note: this critical facility will be protected to a 500-year flood event or actual worst-damage scenario, whichever is greater.</i>
Existing, future &/or NA	future
Evaluating the Action	
Losses avoided (i.e., benefits)	Plant supplies both Town and Village. Much recent and planned growth makes water system upgrades urgent.
Cost estimate	\$1,535,000
Cost effectiveness (i.e., benefit/cost)	Very effective, negates boiling water and avoids distribution of bottled water. Also allows our numerous restaurants to keep operating.
Technical	Feasible but expensive
Political	Great support from Town and Village for water purity.
Legal	Fully municipal owned plant.
Environmental	Permits have been secured
Social	Bolsters public confidence in municipality to handle water emergencies.
Administrative capability	Ample staff
Local champion	Mike Hopf, Water Superintendent
Other community objectives	Allows continued growth and additional supplies to our Town.
Implementing the Action	
Priority	High
Local planning mechanism	Village Board
Responsible party	Mike Hopf - Water Superintendent
Potential funding sources	CRZ
Time line	2016
Reporting on Progress	
Action progress status	RFP for engineering supervision and contracting work. Design engineering completed and approved.



Ulster County Multi-Jurisdictional Hazard Mitigation Plan Update

OUTREACH LOG:

Summary of Outreach Activities to the General Public and Other Stakeholders

PARTICIPATING JURISDICTION: VILLAGE OF SAUGERTIES

DATE OF ACTIVITY	TYPE OF ACTIVITY	ACTIVITY DETAILS	LEAD DEPARTMENT AND/OR STAFF TITLE WHO UNDERTOOK ACTIVITY
<u>7 October 2013</u>	<u>Written and verbal presentation filmed (Public Meeting)</u> <u>TV 23 Public Access</u>	<u>Regularly scheduled public Village Board Meeting. Gave report with information from FEMA meeting on 20 Sept. '13 Meeting is taped and broadcast on TV 23 public access</u>	<u>Alexander Wade, Special Assignments, FEMA contact</u>
<u>1 December 2014</u>	<u>Written and verbal presentation filmed (Public Meeting)</u> <u>TV 23 Public Access</u>	<u>Regular Meeting as above; Reported on 21 Nov. 14 FEMA meeting. In addition Lighthouse Drive residents have been notified of evacuation plans. (Action Worksheet Item #1.) Note: Items #2, #3 and #4 presented with CRZ report at 16 August meeting.</u>	<u>Alexander Wade, Special Assignments, FEMA contact</u>
<u>16 August 2014</u>	<u>Written and verbal presentation filmed (Public Meeting)</u> <u>TV 23 Public Access</u>	<u>Regular Meeting as above; Reported on 16 Aug. FEMA meeting. In addition I reported on several CRZ meetings with objectives to stabilize Esopus shoreline at lighthouse and Tina Chorvas park and upgrades to water filtration system for Town and Village. \$3,000,000 grant.</u>	<u>Alexander Wade, Special Assignments, FEMA contact</u>
<u>13 August 2015</u>	<u>Prepared activity description for Village web site, posting on Bulletin boards and public distribution. Prepared verbal presentation.</u>	<u>Sent information to Village Clerk and web site administrator. Gave verbal summary of activities to members of Saugerties Historical Society and the Chamber of Commerce. (Public Meetings)</u>	<u>Eyal Saad, Code Enforcement Officer</u> <u>Alexander Wade, Special Assignments, FEMA contact</u> <u>Mark Smith, Chair, Saugerties Chamber of Commerce</u>
<u>16 August 2015</u>	<u>Written and verbal presentation with printed handouts (Public Meeting)</u>	<u>Verbal presentation to Village Board of material for handouts and web site prepared on 13 August. Filmed by TV23 and distributed to press.</u>	<u>Lisa Mayone, Village Clerk, FEMA Adminisraor</u> <u>Eyal Saad, Code Enforcement officer</u> <u>Alexander Wade, Special Assignments, FEMA contact</u>

**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.**