

## 9.12 VILLAGE OF NEW SQUARE

This section presents the jurisdictional annex for the Village of New Square.

### 9.12.1 Hazard Mitigation Plan Point of Contact

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

Primary Point of Contact	Alternate Point of Contact
David Breuer, Municipal Clerk 37 Reagan Road New Square, NY 10977 (845) 354-1000 <a href="mailto:clerk@newsquare.us">clerk@newsquare.us</a>	Aaron Kaff, Director of Emergency Services 37 Reagan Road New Square, NY 10977 (845) 354-1000 <a href="mailto:oem@newsquare.us">oem@newsquare.us</a>
<b>NFIP Floodplain Administrator (FPA)</b>	
Manny Cormona, Code Enforcement Officer 845-558-5904 <a href="mailto:building@newsquare.us">building@newsquare.us</a>	

### 9.12.2 Municipal Profile

The Village of New Square is located in the Town of Ramapo in Rockland County. It has a total area of 0.4 square miles. The village is located north of Hillcrest, east of Viola, south of New Hempstead, and west of New City. According to the 2010 U.S. Census, the Village’s population was 6,944.

### Growth/Development Trends

The following table summarizes any known or anticipated major residential/commercial development and major infrastructure development that has been identified in the next five years within the municipality. Refer to the map in 9.12.8 of this annex which illustrates the hazard areas along with the location of potential new development.

**Table 9.12-1. Growth and Development**

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
50 lots; each lot holds 4 units; subdivision is in the process ‘Reagan Road Subdivision’ and new roads will be constructed	Residential	200 units	Reagan Road	None identified.	In progress

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

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

Rockland County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. For the purpose of this plan update, events that have occurred in the County from 2008 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference

material or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

**Table 9.12-2. Hazard Event History**

Dates of Event	Event Type (Disaster Declaration if applicable)	Rockland County Designated?	Summary of Damages/Losses
August 10, 2009	Thunderstorms	N/A	\$25,000 in damages throughout County
January 25, 2010	High Wind	N/A	\$100,000 in damages throughout County
July 19, 2010	Thunderstorms, Lightning, Wind	N/A	\$36,000 in damages throughout County
October 2010	Power Outage	N/A	Power Outage; could not drive around Village for two days due to snow/ice
August 25 – September 5, 2011	Hurricane Irene DR-4020	Yes	Flooded areas – see problem areas
October 27 – November 8, 2012	Hurricane Sandy DR-4085	Yes	Power outage for approximately 7 days; shelter was opened; food was delivered, took over a catering building to feed and serve the community; Village Ambulance Corp staged four ambulances to serve the community; fuel was short in the Town for ambulances; on FEMA assistance was received
February 16, 2016	Strong Winds	N/A	\$50,000 in damages throughout County Trees down; Roads block; Chain-saws used to remove debris; power was out; no FEMA assistance requested

Notes:

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

### 9.12.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Village of New Square. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Natural Hazard Risk/Vulnerability Risk Ranking

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

**Table 9.12-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Drought	Damage estimate not available	Frequent	27	Medium
Earthquake	100-Year GBS: \$0 500-Year GBS: \$131,049 2,500-Year GBS: \$2,987,930	Occasional	24	Medium
Extreme Temperature	Damage estimate not available	Frequent	18	Medium
Flood	1% Annual Chance: \$444,309,000	Frequent	36	High
Landslide	RCV Exposed: \$0	Rare	6	Low
Severe Storm	100-Year MRP: \$93,392 500-year MRP: \$1,073,469 Annualized: \$7,888	Frequent	48	High
Winter Storm	1% GBS: \$2,837,110 5% GBS: \$14,185,550	Frequent	51	High
Wildfire	Estimated Value in the WUI: \$0	Frequent	18	Medium

*Notes:*

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

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

The following table summarizes the NFIP statistics for the Village of New Square.

**Table 9.12-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
New Square, Village of	0	10	\$29,707	0	0	0

Source: FEMA Region 2, 2016

(1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, and are current as of 06/30/2016. The total number of repetitive loss properties does not include the severe repetitive loss properties. The number of claims represents claims closed by 06/30/16.

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

(3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file.

Notes: FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility. A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case. Number of policies and claims and claims total exclude properties located outside county boundary, based on provided latitude and longitude.

**Critical Facilities**

The table below presents the critical facilities identified in the HMP that are located in the FEMA-delineated 1- and/or 0.2-percent annual chance floodplain. The table also summarizes the Hazards United States (HAZUS) – Multi-Hazards (MH) damage estimates (if any) to each critical facility as a result of the 1-percent annual chance flood event.

**Table 9.12-5. Potential Flood Losses to Critical Facilities**

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
None identified.					

Source: Hazus-MH 3.2, Rockland County

**Other Vulnerabilities Identified**

The municipality has identified the following vulnerabilities within their community:

Two brooks run through the Village; the stream banks need to be built up again; stones and tree limbs are growing in the brook and the brook does not have sufficient capacity to carry increased rain as a result of storm events. The following roads and areas flood as a result:

- Williston Avenue floods, basements flood; in the past, the Village purchased and used an inflatable boat to evacuate residents
- 65 Washington Avenue area floods; buildings flood and are damaged
- Truman and Garfield Roads floods and buildings flood and are damaged
- Clint Avenue floods after heavy rains

**9.12.5 Capability Assessment**

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of mitigation planning into existing and future planning mechanisms

**Planning and Regulatory Capability**

The table below summarizes the regulatory tools that are available to the Village of New Square.

**Table 9.12-6. Planning and Regulatory Tools**

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Master Plan	Yes			Part of the County
Capital Improvements Plan	No			
Floodplain Management / Basin Plan	No			
Stormwater Management Plan	Yes			Participates in the Stormwater Consortium
Open Space Plan	No			
Stream Corridor Management Plan	No			
Watershed Management or Protection Plan	No			
Economic Development Plan	No			
Comprehensive Emergency Management Plan	No			
Emergency Operation Plan	No			
Post-Disaster Recovery Plan	No			
Transportation Plan	No			
Strategic Recovery Planning Report	No			
Other Plans:	No			
<b>Regulatory Capability</b>				
Building Code	Yes	State & Local		
Zoning Ordinance	Yes			
Subdivision Ordinance	Yes			
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local		
NFIP: Cumulative Substantial Damages				
NFIP: Freeboard	Yes	State, Local		State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances	No			
Site Plan Review Requirements	Yes		Building Inspector	
Stormwater Management Ordinance	No			The Village participates as part of the Stormwater Consortium
Municipal Separate Storm Sewer System (MS4)	Yes	Local	Building Inspector	The Village participates as part of the Stormwater Consortium
Natural Hazard Ordinance	No			
Post-Disaster Recovery Ordinance	No			
Real Estate Disclosure Requirement	Yes	State		NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])				

**Administrative and Technical Capability**

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

**Table 9.12-7. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Same as Village Board of Trustees acts as a Planning Board and conducts the plan reviews
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Maintenance programs to reduce risk	Yes	The Village pays for a company to clean the stormwater drains on an annual basis
Mutual aid agreements		Stormwater Consortium of Rockland County Town of Ramapo Highway Department
<b>Technical/Staffing Capability</b>		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Contracts as needed
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Building Department – Engineer (Fusco Engineering)
Planners or engineers with an understanding of natural hazards	Yes	Building Department
NFIP Floodplain Administrator (FPA)	Yes	Building Department, Manny Carmona
Surveyor(s)	No	
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Utilize Rockland County GIS; Municipal Clerk and Building Inspector received training to use it
Scientist familiar with natural hazards	No	
Emergency Manager	Yes	Director, Aaron Kaff
Grant writer(s)	Yes	Contracts as needed
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	No	

**Fiscal Capability**

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

**Table 9.12-8. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Occasional
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	No
Impact fees for homebuyers or developers of new	Permit fees, not impact fee

Financial Resources	Accessible or Eligible to Use (Yes/No)
development/homes	
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	State funding (sidewalks)
Open Space Acquisition funding programs	No
Other	

### Community Classifications

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

**Table 9.12-9. Community Classifications**

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No		
Building Code Effectiveness Grading Schedule (BCEGS)	No		
Public Protection (ISO Fire Protection Classes 1 to 10)			
NYSDEC Climate Smart Community	No		
Storm Ready Certification	No		
Firewise Communities classification	No		
Natural disaster/safety programs in/for schools			
Organizations with mitigation focus (advocacy group, non-government)			
Public education program/outreach (through website, social media)			Fliers are distributed educating on stormwater maintenance; MS4 topics
Public-private partnership initiatives addressing disaster-related issues	Yes	Wedding Hall to serve as shelter	

Note:

- N/A Not applicable
- NP Not participating
- Unavailable

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

Criteria for classification credits are outlined in the following documents:

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

**Self-Assessment of Capability**

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

**Table 9.12-10. Self-Assessment Capability for the Municipality**

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)*	Moderate	High
Planning and regulatory capability		X	
Administrative and technical capability	X – office staff is limited		
Fiscal capability	X – budget constraints (high fiscal stress communities; NY Controllers office)		
Community political capability		X	
Community resiliency capability		X	
Capability to integrate mitigation into municipal processes and activities		X	

**National Flood Insurance Program**

According to the FEMA Community Status Book, the Village has not joined the NFIP within one year of being notified as a floodprone community. The Sanction date (March 3, 2014) corresponds to one day after the effective date of the latest Flood Insurance Rate Maps (March 4, 2014).

**NFIP Floodplain Administrator (FPA)**

Manny Carmona, Building and Fire Official

**Flood Vulnerability Summary**

The Village has experienced flood damages to residential properties in the past and an effort is being made to gather property-owner information who are interested in mitigation.

**Resources**

The Building and Fire Official is responsible for floodplain administration in the Village with support from other Village officials. The Village is applying for membership to the New York State Flood and Stormwater Managers Association and the NFIP FPA is willing to take available training as available.



### Compliance History

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The Village is not participating in the National Flood Insurance Program. As noted above, the Sanction date (March 3, 2014) corresponds to one day after the effective date of the latest Flood Insurance Rate Maps (March 4, 2014).

### Regulatory

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The Village's floodplain management ordinance meets the FEMA and State minimum requirements. As part of the Village's site plan review program, it includes floodplain management and stormwater review. The Village is currently reviewing their ordinances and developing a complete NFIP administration program.

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

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For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

### Planning

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The Village Board of Trustees acts as a Planning Board and conducts the plan reviews. All new developments incorporate retention basins.

### Regulatory and Enforcement (Ordinances)

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The Village participates in the Rockland County Stormwater Consortium. The Village is currently in the process of developing an update to their building and zoning code. Currently they utilize and enforce the NYS building code.

### Fiscal

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The Village funded the replacement of replaced catchbasins and drainage pipes to increase capacity.

### Education and Outreach

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The Village is very proactive in education and outreach to the community residents.

The Village and the Hillcrest Fire Department developed and published a coloring book to learn about important fire safety for children ('A Trip to the Fire Station').

The Village developed and distributed carbon monoxide safety and emergency management fliers throughout the community.

The Village developed safety tips on extension cord safety for portable heaters because residents do not cook on the Sabbath and maintain an open fire.

The Village of Kaser has a mobile command center to assist with response efforts in times of emergencies.

## 9.12.6 Mitigation Strategy and Prioritization

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

### Past Mitigation Initiative Status

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The following table indicates progress on the community’s mitigation strategy identified in the 2010 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.

Table 9.12-11. Status of Previous Mitigation Actions

<u>Action Number</u>	<u>2010 Mitigation Action</u>	<u>Responsible Party</u>	<u>Status</u> (In progress, No progress, Complete)	<u>Describe Status</u> 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	<u>Next Step</u> (Include in 2018 HMP or Discontinue)	<u>Describe Next Step</u> 1. If including action in the 2018 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	Rebuild all stormwater catch basins in the Village	Department of Public Works	In progress	A few stormwater catchbasins were repaired and rebuilt but capacity was increased	Include in 2018 HMP	Include this action to increase capacity to allow for increased drainage throughout the Village.
	Remove all garbage, debris and fallen trees in the Pascack Brook from the intersection	Department of Public Works	In progress	This is being done on a continuous basis and is needed.	Include in 2018 HMP	
1.B	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review or draft plans by the County Planning Department.	CPG member; Village Trustee	No progress		Include in 2018 HMP	
2.A	Expand and disseminate GIS and other hazard information on the internet.	CPG member; Village Trustee	Complete	The Village relies on the Rockland County GIS which deployed a web GIS system. This is a Rockland County-led action. The Village Municipal Clerk and Building Inspector were trained on how to utilize the Rockland County GIS web system.	Discontinue	
	Work with local municipalities to pursue the development of an Emergency Notification System call perimeter for high risk locations of natural hazards with delineable hazard areas. Rockland County staff will make aerial mapping available, along with GIS mapping for natural hazards that was completed as part of the hazard mitigation planning project. The County will also facilitate the utilization of the Emergency Notification System by municipalities.	CPG member; Village Trustee	Complete	Rockland County has two alert notification systems (CodeRED and NYAlert) that they manage and are accessible to the municipalities to send out messages. National Weather Service also sends out tornado, high wind, and flooding alerts regarding forecasted weather. Emergencies are also handled through the Town Police and DPW, Sheriff's Dept. and Rockland County Emergency Task Force.		
	Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation.	CPG member; Village Trustee	Complete	The Village holds or attends periodic workshops for zoning and planning.		

Action Number	2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2018 HMP or Discontinue)	Describe Next Step 1. If including action in the 2018 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
4.F	Continue to implement best management practices for floodplain areas.	CPG member; Village Trustee	In progress	The Village continues to implement best practices for floodplain management.	Discontinue	This is a responsibility and capability of the Floodplain Administrator. This action will be discontinued.
4.G	Identify and document repetitively flooded properties. Work with owners to explore mitigation opportunities for repetitively flooded properties, and if appropriate and feasible, carry out acquisition, relocation, elevation and floodproofing measures to protect these properties.	CPG member; Village Trustee	No progress	The Village Emergency Manager is aware of flooded roadways and structures that have been damaged by floods and maintains photographs of these events.	Include in 2018 HMP	The Village will maintain a log of properties that are flooded and damaged as a result of heavy rain and flood events. The lead will be the Emergency Manager and Building Inspector.
4.J	Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW.	CPG member; Village Trustee	In progress	The Village works with the County through their mutual aid agreement and will continue to identify mitigation actions for flooded roadways as needed.	Include in 2018 HMP	
13.A	Determine the year built and level of protection for critical emergency facilities and shelters to highlight structures built before codes and standards were put in place to provide some degree of protection from natural hazards, and pursue potential mitigation opportunities to protect these sites as funding becomes available.	CPG member; Village Trustee	In progress	Partially complete; the Village has identified the houses built prior to code and many have been brought up to code to date. The Building Department is the lead and works 1 house at a time; as property owners want to make improvements on their structure and permits are needed, the department works with that owner to bring them up to code.	Include in 2018 HMP	Include in the 2018 HMP; the Building Department is the new lead agency; update action to state the Building Department will continue to work with property owners with structures built prior to code to bring them up to current standards.
11.B	Review existing emergency response plans for enhancement opportunities: work with social support agencies, homeowners associations and general public to develop and implement monitoring and warning systems focused on vulnerable populations and provision of adequate shelter facilities.	CPG member; Village Trustee	No progress		Include in 2018 HMP	Yes, include as an action

Action Number	2010 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Step (Include in 2018 HMP or Discontinue)	Describe Next Step 1. If including action in the 2018 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	Public awareness program on hazards, prevention and mitigation: assist CPG Chairperson in maintenance of mitigation planning web presence; assist CPG Chairperson in preparation of annual hazards and mitigation planning fact sheet and its distribution; assist CPG chairperson in preparation of hazards survey; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/TV announcements, etc. at the discretion of the jurisdiction (incorporating as much free information as possible from the FEMA publications warehouse and other appropriate sources).	RCOFES lead with direct participation and involvement from each jurisdiction's CPG member	In progress	The Village conducts regular outreach and education to residents regarding the safety of all hazards. This is a capability of the Village and will continue to educate residents and work with the County to participate in larger efforts.		This is currently a capability and will not appear as a new action. Refer to the Plan Integration section which summarizes recent outreach efforts by the Village staff.
	Code update: review existing local codes and ordinances against the identified hazards to determine whether there needs to be any amendments to address identified hazards and, where a need is identified; modify/amend the codes/ordinances as applicable.	Each jurisdictional CPG member	In progress	The Village is currently in the process of reviewing and updating the building and zoning code.	Include in the 2018 HMP	The Village is currently in the process of reviewing and updating the building and zoning code.
	Code enforcement: enforcement of NYS and local building codes	Each jurisdictional CPG member	In progress	The Village continues to enforce building codes. This is a capability. This action will be discontinued.	Discontinue	
	Update/review floodplain management ordinances to be consistent with potential future new FIRMs	Legal	Complete	As flood maps change, the Village will update their Flood Damage Prevention ordinance to reflect new maps.	Discontinue	
	Join the Community Rating System (CRS)	Legal	No progress		Include in the 2018 HMP	Yes the Village is interested in CRS.

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

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

- The Village and the Hillcrest Fire Department developed and published a coloring book to learn about important fires safety for children ('A Trip to the Fire Station').
- The Village developed and distributed carbon monoxide safety and emergency management fliers throughout the community.
- The Village developed safety tips on extension cord safety for portable heaters because residents do not cook on the Sabbath and maintain an open fire.

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

Rockland County held a mitigation action workshop in February 2017 and provided all plan participants with the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 'Selecting Appropriate Mitigation Measures for Floodprone Structures' (March 2007) and FEMA 'Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards' (January 2013).

Table 9.12-12 summarizes the comprehensive-range of specific mitigation initiatives the Village of New Square would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as 'High', 'Medium', or 'Low.' The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.12-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.

Table 9.12-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
New Square – 1 (Previous action, 4.G)	The Village will maintain a log of properties by address/block/lot that are flooded and damaged as a result of heavy rain and flood events and discuss mitigation options with property owners.	Existing	Flood, Severe Storm	1, 2, 3, 6	Village Building Department and Emergency Manager	High	Low	Local	Short	High	LPR	PR
New Square – 2 (Previous action, 13.A)	Work with property owners to bring structures built before codes and standards to code, which will provide increased protection from natural hazards	Existing	All	1, 2, 3	Village Building Department	High	Low	Local	Short	High	LPR	PI, PR
New Square – 3 (Previous action, no number, enhanced wording)	Work with the Town of Ramapo Department of Public Works to rebuild and increase the capacity of all stormwater catch basins in the Village (e.g., Washington Ave) to reduce flooding	Existing	Flood, Severe Storm, Nor'Easter	2, 6	Town of Ramapo DPW, Village	High	High	FEMA HMA, State, Local	Short (DOF)	High	SIP	PP
New Square – 4 (Previous action, no number)	Remove all garbage, debris and fallen trees in the Pascack Brook from the intersection to alleviate flooding	N/A	All	2, 4, 5	Village Board, Town of Ramapo, County	High	Medium	Local	Short (DOF)	High	NSP	NR
New Square - 5	Ensure continuity of operations in the Village after a natural hazard event. 1. Purchase and install generators and lighting towers to provide backup power and illumination for public safety. These would be used at the schools, shelter, synagogue and other areas and locations throughout the Village.	Both	All	1, 2, 5	Village Emergency Manager	High	High	FEMA HMA, State, Local	Short (DOF)	High	LPR, SIP	ES

Table 9.12-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	2. Maintain extra fuel supply for the generators and lighting towers to ensure their operation post-event.											
New Square - 6	Purchase needed medical supplies, such as blankets, to provide residents post-event.	N/A	All	1, 5	<u>Village Emergency Manager</u>	High	Medium-Low	Local	Short (DOF)	High	LPR	ES
New Square - 7	Purchase a medical emergency response vehicle (MERV) equipped with supplies to respond to emergencies.	N/A	All	1, 5	<u>Village Emergency Manager</u>	High	High	Federal, State, Local	Short (DOF)	Medium	LPR	ES
New Square – 8 (Previous Action 1.B)	Update the comprehensive plans to include the entire Village and incorporate natural disaster mitigation techniques; a courtesy review or draft plans by the County Planning Department.	Both	All	1, 2, 6, 7	<u>County Planning, Village Board</u>	High	Medium	Local	Short (DOF)	Medium	LPR	PR
New Square – 9 (Previous Action 4.J)	Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW. - Washington Avenue repair/replacement of drainage pipe and increase capacity to reduce flooding	Existing	Flood, Severe Storm, Nor’Easter	1, 2	<u>County DPW, Village Engineer</u>	High	High	FEMA HMA, State, Local	Short (DOF)	High	SIP	PP
New Square – 10 (Previous Action 11.B)	Review existing emergency response plans for enhancement opportunities: work with social support agencies, homeowners associations and general public to develop and	Both	All	1, 2	<u>Village Emergency Manager, Village Board</u>	High	Medium	Local	Short (DOF)	High	LPR	PR





Table 9.12-12. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
	implement monitoring and warning systems focused on vulnerable populations and provision of adequate shelter facilities.											
New Square – 10 (Previous Action no number)	Update the building and zoning code and review with the identified hazards of concern in the updated Hazard Mitigation Plan to address and reduce potential future risk.	Both	All	1, 2, 7	Village Building Inspector, Village Board	High	Low	Local	Short (in progress)	High	LPR	PR
New Square – 11 (Previous Action no number)	The Village of New Square will continue to develop their NFIP administration program to rejoin the NFIP and join the Community Rating System (CRS).	Both	Flood, Severe Storm, Nor’Easter	1, 2,3	Village Building Inspector/Floodplain Administrator	High	Medium	Local	Short (DOF)	Medium	LPR	PR

Notes:

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

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

Acronyms and Abbreviations:

CAV Community Assistance Visit  
 CRS Community Rating System  
 DPW Department of Public Works  
 FEMA Federal Emergency Management Agency  
 FPA Floodplain Administrator  
 HMA Hazard Mitigation Assistance  
 N/A Not applicable  
 NFIP National Flood Insurance Program  
 OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program  
 HMGP Hazard Mitigation Grant Program  
 PDM Pre-Disaster Mitigation Grant Program  
 RFC Repetitive Flood Claims Grant Program (discontinued in 2015)  
 SRL Severe Repetitive Loss Grant Program (discontinued in 2015)

Timeline:

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

Costs:

Where actual project costs have been reasonably estimated:  
 Low < \$10,000

Benefits:

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



Costs:

Medium \$10,000 to \$100,000  
 High > \$100,000

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

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

Benefits:

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

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

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

Mitigation Category:

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

CRS Category:

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

Table 9.12-13. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
New Square – 1 (Previous action, 4.G)	The Village will maintain a log of properties by address/block/lot that are flooded and damaged as a result of heavy rain and flood events and discuss mitigation options with property owners.	1	1	1	1	1	1	1	0	1	1	1	1	1	1	13	High
New Square – 2 (Previous action, 13.A)	Work with property owners to bring structures built before codes and standards to code, which will provide increased protection from natural hazards	1	1	1	1	1	1	1	0	1	1	1	1	1	1	13	High
New Square – 3 (Previous action, no number, enhanced wording)	Work with the Town of Ramapo Department of Public Works to rebuild and increase the capacity of all stormwater catch basins in the Village	1	1	1	1	1	0	1	0	1	1	1	1	1	1	12	High
New Square – 4 (Previous action, no number)	Remove all garbage, debris and fallen trees in the Pascack Brook from the intersection to alleviate flooding	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
New Square - 5	Ensure continuity of operations in the Village after a natural hazard event. 1. Purchase and install generators and	1	1	1	1	1	1	0	0	1	1	1	1	1	1	12	High



Table 9.12-13. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
	lighting towers to provide backup power and illumination for public safety. These would be used at the schools, shelter, synagogue and other areas and locations throughout the Village. 2. Maintain extra fuel supply for the generators and lighting towers to ensure their operation post-event.																
New Square - 6	Purchase needed medical supplies, such as blankets, to provide residents post-event.	1	1	1	1	1	1	0	0	1	1	1	1	1	1	12	High
New Square - 7	Purchase a medical emergency response vehicle (MERV) equipped with supplies to respond to emergencies.	1	1	1	0	1	1	0	0	1	1	1	1	1	1	11	Medium
New Square – 8 (Previous Action 1.B)	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review or draft plans by the County Planning Department.	1	1	1	1	1	1	0	0	1	0	1	1	1	1	11	Medium
New Square – 9	Develop specific	1	1	1	1	1	0	1	0	1	1	1	1	1	1	12	High



Table 9.12-13. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
(Previous Action 4.J)	mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW.																
New Square – 10 (Previous Action No Number)	Update the building and zoning code and review with the identified hazards of concern in the updated Hazard Mitigation Plan to address and reduce potential future risk.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
New Square – 11 (Previous Action no number)	The Village of New Square will continue to develop their NFIP administration program to rejoin the NFIP and join the Community Rating System (CRS).	1	1	1	0	1	1	0	0	1	1	1	1	0	0	9	Medium

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions.

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### 9.12.7 Future Needs To Better Understand Risk/Vulnerability

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None at this time.

### 9.12.8 Hazard Area Extent and Location

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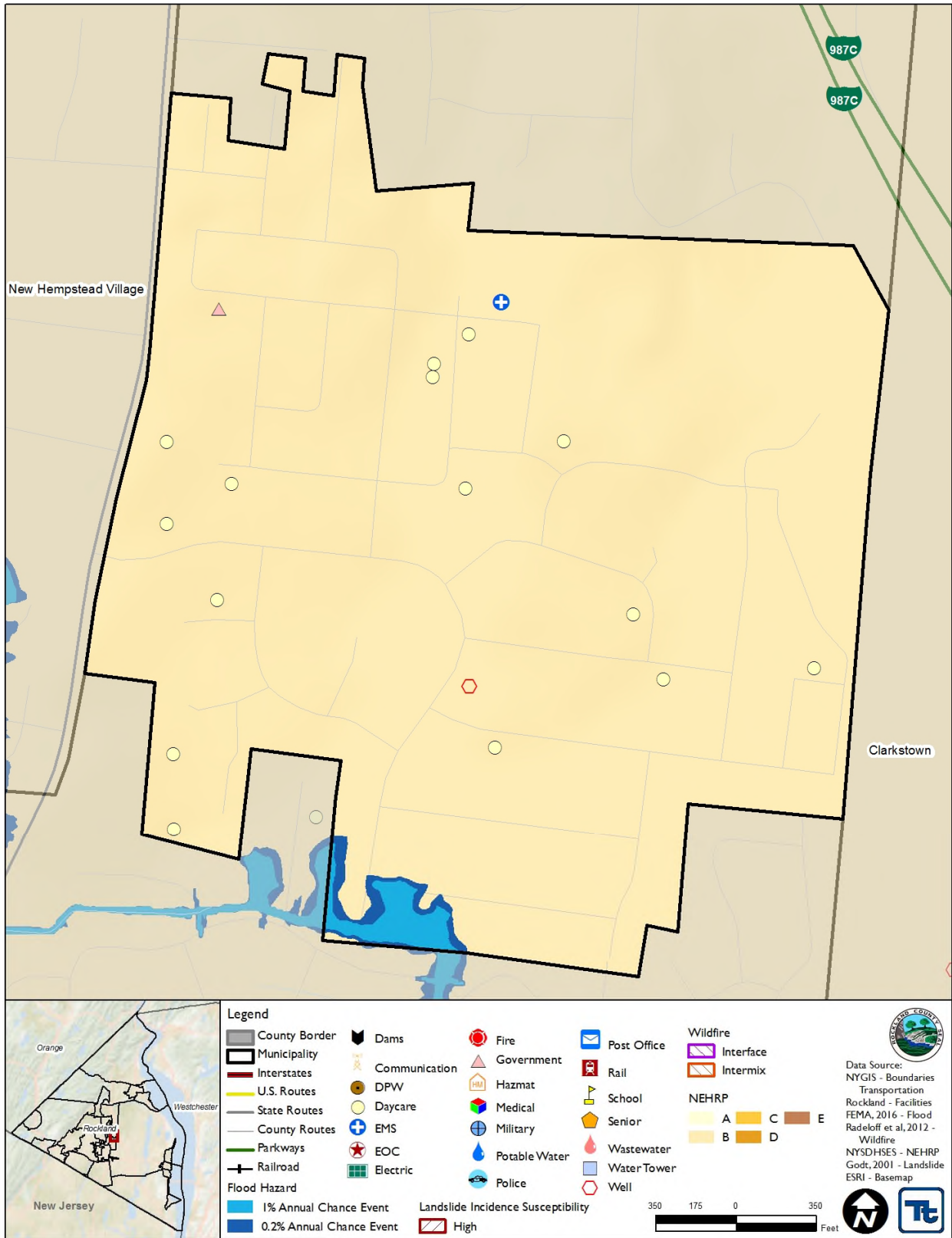
Hazard area extent and location maps have been generated for the Village of New Square that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Village of New Square has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

### 9.12.9 Additional Comments

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None at this time.

Figure 9.12-1. Village of New Square Hazard Area Extent and Location Map



Action Number:

New Square – 1 (Previous action, 4.G)

Mitigation Action Name:

Maintain log of properties that have been flooded and damaged

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Severe Storm
<b>Specific problem being mitigated:</b>	The Village currently does not have a list of properties that have been flooded and/or damaged as a result of heavy rain and flooding events.
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Identify areas that are likely to flood and discuss mitigation options – larger area, less focused, more staff time needed
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	The Village will maintain a log of properties by address/block/lot that are flooded and damaged as a result of heavy rain and flood events and discuss mitigation options with property owners.
<b>Mitigation Action Type</b>	LPR
<b>Goals Met</b>	1, 2, 3, 6
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Low
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Village Building Department and Emergency Manager
<b>Local Planning Mechanism</b>	Hazard Mitigation, Emergency Management
<b>Potential Funding Sources</b>	Local
<b>Timeline for Completion</b>	Short
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:** New Square – 1 (Previous action, 4.G)  
**Mitigation Action Name:** Maintain log of properties that have been flooded and damaged

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	1	Municipal budget
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	13	
<b>Priority (H/M/L)</b>	High	

Action Number:

New Square – 2 (Previous action, 13.A)

Mitigation Action Name:

Work with property owners to bring structures to code

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Structures in the Village that were built before codes and standards need to be brought to code
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Buyout all structures that are not up to code - costly
Action/Project Intended for Implementation	
Description of Selected Action/Project	Work with property owners to bring structures built before codes and standards to code, which will provide increased protection from natural hazards
Mitigation Action Type	LPR
Goals Met	1, 2, 3
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Village Building Department
Local Planning Mechanism	Hazard Mitigation, Zoning/Building
Potential Funding Sources	Local
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

**Action Number:** New Square – 2 (Previous action, 13.A)  
**Mitigation Action Name:** Work with property owners to bring structures to code

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	1	Municipal budget
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All
Timeline	1	To be completed in next five years
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	13	
<b>Priority (H/M/L)</b>	High	

**Action Number:** New Square – 3 (Previous action, no number, enhanced wording)  
**Mitigation Action Name:** Work with Ramapo DPW to rebuild and increase capacity of stormwater catch basins

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Severe Storm, Nor'Easter
<b>Specific problem being mitigated:</b>	Many of the stormwater catch basins in the Village are undersized and causes flooding
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Replace catch basins with stormwater retention basins – cost/not enough room
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Work with the Town of Ramapo Department of Public Works to rebuild and increase the capacity of all stormwater catch basins in the Village (e.g., Washington Ave) to reduce flooding
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	2, 6
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	High
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Town of Ramapo DPW, Village
<b>Local Planning Mechanism</b>	Hazard Mitigation, Capital Improvement
<b>Potential Funding Sources</b>	FEMA HMA, State, Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:** New Square – 3 (Previous action, no number, enhanced wording)  
**Mitigation Action Name:** Work with Ramapo DPW to rebuild and increase capacity of stormwater catch basins

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide better protection from floods
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	1	Municipal budget
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	12	
<b>Priority (H/M/L)</b>	High	

**Action Number:**

New Square – 4 (Previous action, no number)

**Mitigation Action Name:**

Remove all garbage, debris and fallen trees in the Pascack Brook

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	There is debris and garbage in the Pascack River that causes flooding in the Village
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Rely on outside groups to conduct cleanups – may not be sustainable or at thorough enough to reduce flooding
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Remove all garbage, debris and fallen trees in the Pascack Brook from the intersection to alleviate flooding
<b>Mitigation Action Type</b>	NSP
<b>Goals Met</b>	2, 4, 5
<b>Applies to existing and or new development, or not applicable</b>	N/A
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Village Board, Town of Ramapo, County
<b>Local Planning Mechanism</b>	Hazard Mitigation, Capital Improvement
<b>Potential Funding Sources</b>	Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:** New Square – 4 (Previous action, no number)  
**Mitigation Action Name:** Remove all garbage, debris and fallen trees in the Pascack Brook

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek funding
Environmental	1	Clean up Pascack Brook
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	12	
<b>Priority (H/M/L)</b>	High	

Action Number:

New Square - 5

Mitigation Action Name:

Ensure continuity of operations in the Village after a natural hazard event

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Lack of backup power and emergency fuel supply in the Village for use during power outages and emergencies
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Install solar panels – cost and weather dependent
Action/Project Intended for Implementation	
Description of Selected Action/Project	Ensure continuity of operations in the Village after a natural hazard event. 1. Purchase and install generators and lighting towers to provide backup power and illumination for public safety. These would be used at the schools, shelter, synagogue and other areas and locations throughout the Village. 2. Maintain extra fuel supply for the generators and lighting towers to ensure their operation post-event.
Mitigation Action Type	LPR, SIP
Goals Met	1, 2, 5
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	High
Plan for Implementation	
Responsible Organization	Village Emergency Manager
Local Planning Mechanism	Hazard Mitigation, Emergency Management
Potential Funding Sources	FEMA HMA, State, Local
Timeline for Completion	Short (DOF)
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:



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

New Square - 5  
Ensure continuity of operations in the Village after a natural hazard event

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide essential facilities to function during emergencies
Property Protection	1	Provide essential facilities to function during emergencies
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek funding
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	12	
<b>Priority (H/M/L)</b>	High	

**Action Number:** New Square - 6  
**Mitigation Action Name:** Purchase needed medical supplies, such as blankets, to provide residents post-event.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	The Village currently does not have medical supplies to provide to residents in the event of a disaster or emergency
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Ask local non-profits to donate supplies – may not be capable or sustainable
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Purchase needed medical supplies, such as blankets, to provide residents post-event.
<b>Mitigation Action Type</b>	LPR
<b>Goals Met</b>	1, 5
<b>Applies to existing and or new development, or not applicable</b>	N/A
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Medium-Low
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	Village Emergency Manager
<b>Local Planning Mechanism</b>	Hazard Mitigation, Emergency Management
<b>Potential Funding Sources</b>	Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

Action Number:

New Square - 6

Mitigation Action Name:

Purchase needed medical supplies, such as blankets, to provide residents post-event.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide proper supplies for residents during emergencies
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need funding
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	12	
<b>Priority (H/M/L)</b>	High	

**Action Number:**

New Square - 7

**Mitigation Action Name:**

Purchase a medical emergency response vehicle (MERV) equipped with supplies to respond to emergencies.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	The Village is in need of a MERV to respond to emergencies in the municipality
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Purchase MERV in conjunction with neighboring towns – New Square needs its own vehicle
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Purchase a medical emergency response vehicle (MERV) equipped with supplies to respond to emergencies.
<b>Mitigation Action Type</b>	LPR
<b>Goals Met</b>	1, 5
<b>Applies to existing and or new development, or not applicable</b>	N/A
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	High
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village Emergency Manager
<b>Local Planning Mechanism</b>	Hazard Mitigation, Emergency Management
<b>Potential Funding Sources</b>	Federal, State, Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:**

New Square - 7

**Mitigation Action Name:**

Purchase a medical emergency response vehicle (MERV) equipped with supplies to respond to emergencies.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide emergency services to residents
Property Protection	1	
Cost-Effectiveness	1	
Technical	0	
Political	1	
Legal	1	
Fiscal	0	Need funding
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	11	
<b>Priority (H/M/L)</b>	Medium	

Action Number:

New Square – 8 (Previous Action 1.B)

Mitigation Action Name:

Update comprehensive plans to incorporate natural disaster mitigation

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	The current comprehensive plan does not incorporate natural disaster mitigation techniques
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Update comprehensive plans without incorporating natural disaster mitigation – current problem continues
Action/Project Intended for Implementation	
Description of Selected Action/Project	Update the comprehensive plans to include the entire Village and incorporate natural disaster mitigation techniques; a courtesy review or draft plans by the County Planning Department.
Mitigation Action Type	LPR
Goals Met	1, 2, 6, 7
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	Medium
Priority*	Medium
Plan for Implementation	
Responsible Organization	County Planning, Village Board
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Local
Timeline for Completion	Short (DOF)
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

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

New Square – 8 (Previous Action 1.B)  
Update comprehensive plans to incorporate natural disaster mitigation

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Municipal budget
Environmental	0	
Social	1	
Administrative	0	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	Plan needs to be updated
Other Community Objectives	1	
<b>Total</b>	11	
<b>Priority (H/M/L)</b>	Medium	

Action Number:

New Square – 9 (Previous Action 4.J)

Mitigation Action Name:

Develop mitigation solutions for floodprone road systems

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Severe Storm, Nor'Easter
<b>Specific problem being mitigated:</b>	The Village needs to identify mitigation solutions for floodprone roadways in the Village
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Move floodprone road systems – not feasible
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW. - Washington Avenue repair/replacement of drainage pipe and increase capacity to reduce flooding
<b>Mitigation Action Type</b>	SIP
<b>Goals Met</b>	1, 2
<b>Applies to existing and or new development, or not applicable</b>	Existing
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	High
<b>Priority*</b>	High
Plan for Implementation	
<b>Responsible Organization</b>	County DPW, Village Engineer
<b>Local Planning Mechanism</b>	Hazard Mitigation, Capital Improvement
<b>Potential Funding Sources</b>	FEMA HMA, State, Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:



**Action Number:**

New Square – 9 (Previous Action 4.J)

**Mitigation Action Name:**

Develop mitigation solutions for floodprone road systems

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Protect residents using roadways
Property Protection	1	Protect surrounding properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	0	
Fiscal	1	Municipal budget
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	12	
<b>Priority (H/M/L)</b>	High	

Action Number:

New Square – 10 (Previous Action 11.B)

Mitigation Action Name:

Review existing emergency response plans for enhancement opportunities

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	The current emergency response plans do not implement monitoring or warning systems
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Rewrite existing emergency response plans - costly
Action/Project Intended for Implementation	
Description of Selected Action/Project	Review existing emergency response plans for enhancement opportunities: work with social support agencies, homeowners associations and general public to develop and implement monitoring and warning systems focused on vulnerable populations and provision of adequate shelter facilities.
Mitigation Action Type	LPR
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	Medium
Priority*	High
Plan for Implementation	
Responsible Organization	Village Emergency Manager, Village Board
Local Planning Mechanism	Hazard Mitigation, Emergency Management
Potential Funding Sources	Local
Timeline for Completion	Short (DOF)
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

**Action Number:** New Square – 10 (Previous Action 11.B)  
**Mitigation Action Name:** Review existing emergency response plans for enhancement opportunities

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	1	Municipal budget
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	Plans need to be enhanced to provide further protection to municipality
<b>Total</b>	14	
<b>Priority (H/M/L)</b>	High	

**Action Number:** New Square – 10 (Previous Action no number)  
**Mitigation Action Name:** Update building and zoning codes

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	The building and zoning codes do not currently include hazards of concern identified in the HMP
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Encourage property owners to voluntarily meet higher standards – spotty impact, not enforceable
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Update the building and zoning code and review with the identified hazards of concern in the updated Hazard Mitigation Plan to address and reduce potential future risk.
<b>Mitigation Action Type</b>	LPR
<b>Goals Met</b>	1, 2, 7
<b>Applies to existing and or new development, or not applicable</b>	Both
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Low
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village Building Inspector, Village Board
<b>Local Planning Mechanism</b>	Hazard Mitigation, Zoning/Building
<b>Potential Funding Sources</b>	Local
<b>Timeline for Completion</b>	Short (in progress)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:** New Square – 10 (Previous Action no number)

**Mitigation Action Name:** Update building and zoning codes

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide increased protection to buildings
Cost-Effectiveness	1	
Technical	0	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	To be completed in next five yeras
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	

**Action Number:**

New Square – 11 (Previous Action no number)

**Mitigation Action Name:**

The Village of New Square will continue to develop their NFIP administration program to rejoin the NFIP and join the Community Rating System (CRS).

Assessing the Risk	
<b>Hazard(s) addressed:</b>	Flood, Severe Storm, Nor'Easter
<b>Specific problem being mitigated:</b>	The Village does not participate in the NFIP however they have had historic flooding. The Village has been suspended from the National Flood Insurance Program (NFIP) (sanctioned date 3/4/14; one day after the last flood maps became effective). This is according to FEMA: <a href="https://www.fema.gov/cis/NY.html">https://www.fema.gov/cis/NY.html</a>
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	Do nothing - current problem continues Create municipal program to go above and beyond the requirements of NFIP but not join CRS – no flood insurance premium discounts and not preferred
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	The Village of New Square will continue to develop their NFIP administration program to rejoin the NFIP and join the Community Rating System (CRS).
<b>Mitigation Action Type</b>	LPR
<b>Goals Met</b>	1, 2,3
<b>Applies to existing and or new development, or not applicable</b>	Both
<b>Benefits (losses avoided)</b>	High
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Village Building Inspector/Floodplain Administrator
<b>Local Planning Mechanism</b>	Hazard Mitigation, Floodplain Management
<b>Potential Funding Sources</b>	Local
<b>Timeline for Completion</b>	Short (DOF)
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	Date: Progress on Action/Project:

**Action Number:**

New Square – 11 (Previous Action no number)

**Mitigation Action Name:**

The Village of New Square will continue to develop their NFIP administration program to rejoin the NFIP and join the Community Rating System (CRS).

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	0	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	1	Reduce flood insurance for residents
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor' Easter
Timeline	1	
Agency Champion	0	
Other Community Objectives	0	
<b>Total</b>	9	
<b>Priority (H/M/L)</b>	Medium	