

9.2 VILLAGE OF AIRMONT

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

9.2.1 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
Eve Mancuso, Village Engineer 46 North Central Ave., Ramsey, NJ 07446 201-684-1221 ext. 117 emancuso@brookerengineering.com	Philip Gigante, Mayor 251 Cherry Lane, Tallman, NY 10982 845-357-8111 pgigante@airmont.org
NFIP Floodplain Administrator (FPA)	
Eve Mancuso, Village Engineer 201-684-1221, ext. 117 emancuso@brookerengineering.com	

9.2.2 Municipal Profile

The Village of Airmont, located in Rockland County, is about 14 miles from the Tappan Zee Bridge and 30 miles northwest of New York City. It is approximately five square miles in size. The Village is bordered to the north by the Town of Ramapo, to the south by New Jersey, to the east by the Village of Chestnut Ridge, and to the west by the Village of Suffern. According to the 2010 Census, the Village has a population of 8,628.

Growth/Development Trends

The following table summarizes 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 9.2.8 of this annex which illustrates the hazard areas along with the location of potential new development.

Table 9.2-1. 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
Known or Anticipated Development in the Next Five (5) Years					
Culinary Depot (365 Route 59)	Office Building	1	3 lots merged (1 vacant and 2 structures combined) 56-9-2-40	None Identified.	Approved
Allegro (10 South DeBaun Ave)	Office building	1	55.12-1-54	None Identified.	Received SCRA but in litigation); Final approval in December
236 Cherry Lane (22 acres)	School/Seasonal camp	2 and parking	56.17-2-2	Flood: 1% Chance	
8 Darby Road Zemach David of Dineve	Neighborhood / House of Worship	1	62.7-2-42	None Identified.	Approved in August
Yehsevia Karlin Stolin (S. Monsey Road)	Boys School	1	56.18-2-48 and 49.1	None Identified.	Going to zoning in January
October Hill Subdivision	Single Family Residential	11	55.19-1-9 55.15-2-90 55.15-2-86	None Identified.	Approved

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
			55.19-1-60		
Tallman Fire (287 Route 59)	Facility for Fire	1	55.12-1-30	None Identified.	

* Only location-specific hazard zones or vulnerabilities identified.

9.2.3 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 9.2-2. 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
March 13-31, 2010	Severe Storms and Flooding DR-1899	Yes	No damages reported at this time.
July 19, 2010	Thunderstorms, Lightning, Wind	N/A	\$36,000 in damages throughout County
June 23, 2011	Rain storm event		\$64K in damages = Road repair (\$20K), home property repair (\$44K); pipe replacement
August 25 – September 5, 2011	Hurricane Irene DR-4020	Yes	\$102,000; FEMA submitted and not eligible The Village does not have their own DPW; they privately contract for these services; Vegetative debris removal was \$16K; Paid for additional time use of an additional grinder by Suffern DPW assisted; \$8421 for men, tree/brush cleanup; sandbagging; Private dam with associated flooding and dam is in need of repair (Camp Skuffy). The Village was without power for four days, including Village Hall; other sections of Airmont remained out for several more days because of downed trees and power lines.
October 30, 2011	Nor’Easter (Snow and Ice Storm)		Loss of power; tree debris throughout Village
October 27 – November 8, 2012	Hurricane Sandy DR-4085	Yes	Submitted \$22,496 to FEMA but not eligible for reimbursement; Overtime; debris clean-up and removal; Staging area at Saddle River Pool Site was established for debris; Headwalls need cleaning; debris fell in the streams (DPW) DPW estimated \$65K damages throughout Village; Countywide: power was restored 14 days after the storm; Municipal employees worked Saturday and Sunday to assist residents; Village Hall was closed due to no heat and electricity Trees down throughout the Village; debris cleanup

Dates of Event	Event Type (Disaster Declaration if applicable)	Rockland County Designated?	Summary of Damages/Losses
February 16, 2016	Strong Winds	N/A	\$50,000 in damages throughout County

Notes:

EM Emergency Declaration (FEMA)

FEMA Federal Emergency Management Agency

DR Major Disaster Declaration (FEMA)

N/A Not applicable

9.2.4 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 Airmont. 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 Airmont.

Table 9.2-3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c}	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking ^b
Drought	Damage estimate not available	Frequent	30	Medium
Earthquake	100-Year GBS: \$0 500-Year GBS: \$928,817 2,500-Year GBS: \$19,725,060	Occasional	24	Medium
Extreme Temperature	Damage estimate not available	Frequent	30	Medium
Flood	1% Annual Chance: \$111,087,000	Frequent	36	High
Landslide	RCV Exposed: \$0	Rare	6	Low
Severe Storm	100-Year MRP: \$743,889 500-year MRP: \$2,329,973 Annualized: \$34,649	Frequent	48	High
Winter Storm	1% GBS: \$11,476,060 5% GBS: \$57,380,300	Frequent	51	High
Wildfire	Estimated Value in the WUI: \$273,161,000	Frequent	27	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 Airmont.

Table 9.2-4. 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)
Airmont, Village of	6	0	\$0	0	0	1

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 9.2-5. 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
Well #1 (Privately owned)	Well	X	X	-	-
Well #2 (Privately owned)	Well	X	X	-	-

Source: Hazus-MH 3.2, Rockland County

Note: Due to the sensitive nature of the location of potable wells, a general listing is provided in the above table.

X = Located in FEMA-delineated flood zone for the stated event

- = No estimated damages calculated by HAZUS-MH

Other Vulnerabilities Identified

The municipality has identified the following vulnerabilities within their community:

- Intersection of S. Monsey floods
- Branch of the Saddle River – see previous projects
- Brookside Avenue in the Village of Airmont - a Village street- has experienced extensive and repeated flooding during heavy rain events because the culvert is undersized and deteriorated. During Irene and Sandy the flooding both damaged area property and the road, and caused the road to be closed for several days, which prevented residents from accessing their homes and forced the area businesses to close. The Village has a drainage easement along Brookside and is responsible for maintaining the road and the culvert. Unless the culvert is improved with new and adequately-sized pipe, the flooding

will seriously undermine the road and continue to damage properties in the area. This project is included as a new mitigation action in Table 9.2-13.

- The open drainage channel along Laura Drive in the Village of Airmont, which is a Village-owned road and drainage easement, has deteriorated badly as a result of flooding during Hurricane Irene, Tropical Storm Lee and Super Storm Sandy. Because of the deteriorated condition of the drainage channel local properties and the road have experienced extensive flooding and resulting damages. Unless the problem from flooding is mitigated by bank stabilization and providing erosion control, the Village road may become seriously undermined and area properties experience more damage. This project is included as a new mitigation action in Table 9.2-13.

9.2.5 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 Airmont.

Table 9.2-6. 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.)
Planning Capability				
Master Plan	Yes	Local	Board of Trustees; Planning and Zoning Board, Engineer (Committee has been formed to conduct the updates)	Adopted in 2011
Capital Improvements Plan	No			
Floodplain Management / Basin Plan	No			
Stormwater Management Plan	Yes (July 2015)	Local	Planning and Zoning Clerk	Developed as part of the MS4 regulation
Open Space Plan	No			
Stream Corridor Management Plan	No			
Watershed Management or Protection Plan	No			

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Economic Development Plan	No			
Comprehensive Emergency Management Plan	Yes		County	Use the County's plan
Emergency Operation Plan	Yes		County	Use the County's plan
Post-Disaster Recovery Plan	No			
Transportation Plan	No			
Strategic Recovery Planning Report	No			
Other Plans:				
Regulatory Capability				
Building Code	Yes	State & Local	2 Code Enforcers	Chapter 80 – Building Construction and Fire Prevention Chapter 89 – Uniform Construction Codes
Zoning Ordinance	Yes 1997	Local	Zoning Board of Appeals	Chapter 210 – Zoning
Subdivision Ordinance	Yes 1993	Local	Zoning Board of Appeals	Chapter 180 – Subdivision of Land
NFIP Flood Damage Prevention Ordinance	Yes 2004	Federal, State, Local	Village Engineer	Chapter 114 – Flood Damage Prevention
NFIP: Cumulative Substantial Damages	No			
NFIP: Freeboard	Yes	State, Local	Village Engineer	State mandated BFE+2 for single and two-family residential construction, BFE+1 for all other construction types
Growth Management Ordinances				
Site Plan Review Requirements	Yes 1997	Local	Planning Board	Chapter 164 – Site Development Plan Regulations
Stormwater Management Ordinance	Yes 1997	Local	Village Engineer	Chapter 164 – Site Development Plan Regulations, Section 7.1 – Stormwater management
Municipal Separate Storm Sewer System (MS4)	Yes	Local	Village Engineer	Member 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])	Yes	Local	Village Engineer	Steep Slope Ordinance; Regulated area that overlays wetlands ordinance

Administrative and Technical Capability

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



Table 9.2-7. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board and Zoning Board of Appeals
Mitigation Planning Committee	No	Planning Board or Village Engineer addresses mitigation as needed
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Maintenance programs to reduce risk	Yes	Maintenance as part of contracts for DPW services; stream and culvert inspections take place before storm events and debris removal as needed
Mutual aid agreements	Yes	The State developed an Inter-municipal Mutual Aid Plan – parameters are listed in which a municipality can receive assistance; The Village has an Intermunicipal Agreement for Vehicle Repair and Maintenance with the Village of Suffern
Technical/Staffing Capability		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Terner Miller Group (contractor)
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Brooker Engineering (contractor)
Planners or engineers with an understanding of natural hazards	Yes	Brooker Engineering
NFIP Floodplain Administrator (FPA)	Yes	Village Engineer as per Flood Damage Prevention Ordinance; Eve Mancuso (Brooker Engineering)
Surveyor(s)	Yes	Brooker Engineering
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	The Village relies on Rockland County GIS and receives training on utilization of their system; Village staff received training for GIS earlier 2016
Scientist familiar with natural hazards	Yes	Brooker Engineering
Emergency Manager	Yes	Mayor
Grant writer(s)	Yes	Consultant (Sylvia Welch)
Staff with expertise or training in benefit/cost analysis	Yes	Brooker Engineering
Professionals trained in conducting damage assessments	Yes	Brooker Engineering

Fiscal Capability

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

Table 9.2-8. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes in past; no longer qualify
Capital improvements project funding	Yes (through Assemblywoman each year)
Authority to levy taxes for specific purposes	Yes for property maintenance; inspections that have not been

Financial Resources	Accessible or Eligible to Use (Yes/No)
	paid
User fees for water, sewer, gas or electric service	Yes – hookup fees for water and gas; Sewer is from the Town
Impact fees for homebuyers or developers of new development/homes	Yes – open space contribution for new development (money or open space)
Stormwater utility fee	Yes – for new development
Incur debt through general obligation bonds	Yes - Capital improvement bonds (road projects)
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	Capital improvement requests (\$250K) -
Open Space Acquisition funding programs	No
Other	

Community Classifications

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

Table 9.2-9. 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)	TBD		
Public Protection (ISO Fire Protection Classes 1 to 10)	TBD		
NYSDEC Climate Smart Community	No		
Storm Ready Certification	No		
Firewise Communities classification	No		
Natural disaster/safety programs in/for schools	No		
Organizations with mitigation focus (advocacy group, non-government)	No		
Public education program/outreach (through website, social media)	Yes		
Public-private partnership initiatives addressing disaster-related issues	No		

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 Airmont’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.2-10. 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
Fiscal capability		X	
Community political capability			X
Community resiliency capability			X
Capability to integrate mitigation into municipal processes and activities			X

National Flood Insurance Program

NFIP Floodplain Administrator (FPA)

Village Engineer, contract with Brooker Engineering (Eve Mancuso)

Flood Vulnerability Summary

The Village does not maintain a list of properties that have been damaged or interested in flood mitigation. There were no structures damaged during Hurricanes Floyd, Irene, or Sandy for the Village to track damages and mitigation projects of this type.

Resources

The Building Department and the consulting engineering firm assume responsibilities of floodplain administration as needed. They provided permit review and inspections. In terms of education and outreach, this is provided by the Cornell Cooperative and Stormwater Consortium. Additional funding for in-house building department staffing is critical. The floodplain administrator is adequately supported and trained to fulfill their responsibilities and would consider attending continuing education and/or certification training on floodplain management if offered in the County.

Compliance History

The Village is in good-standing in the NFIP with its most recent Community Assistance Visit in December 2016.

Regulatory

The Village's floodplain management ordinance meets the FEMA and State minimum requirements. The Village has code in place that requires 100-foot regulated area adjacent to all wetlands. The Village is aware of the Community Rating System (CRS); due to the low number of NFIP policies, it is not cost-effective to join.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

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

Planning

Planning Board: The Planning Board is responsible for reviewing all site plans and subdivision applications in the Village to ensure consistency with the Village's approved land use plan. The Board's review includes matters such as lighting, parking, drainage, traffic flow, and plantings. Its goal is to apply sound and consistent community planning principles to ensure responsible development.

Zoning Board of Appeals: The Zoning Board of Appeals hears all requests for variances from the Airmont Zoning Code as well as requests for special permits under those regulations. Members of the Board make on-site inspections to assist in evaluation of all applications, including issues of hardship, character of the neighborhood, change of use, etc., and follow specific guidelines in making their determinations.

Village of Airmont Adopted Comprehensive Plan, 2011: This plan focuses on the development of goals and vision for the Village as a whole, while placing specific emphasis on the Route 59 Corridor and policies relating to environment, design and housing. The objectives of this Comprehensive Plan are to determine the most appropriate land uses and corresponding densities for the Route 59 Corridor, to ensure the long term quality of residential neighborhoods, protect sensitive environmental resources, as well as assess the need for improvements or expansions with respect to infrastructure, utilities, community facilities, and aesthetics within the Village.

Regulatory and Enforcement

Construction Codes, Uniform, Chapter 80: The building codes are strictly enforced to make new and renovated buildings as prepared as possible for hazard related incidents. The Village complies with New York State Uniform Fire Prevention and Building Code (the Uniform Code) and the State Energy Conservation Construction Code (the Energy Code). The Code Enforcement Officer administers and enforces all the provisions of the Uniform Code, the Energy Code and this ordinance.

Flood Damage Prevention Ordinance, Chapter 114: This ordinance promotes the public health, safety and general welfare, and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

- Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities;

- Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;
- Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters;
- Control filling, grading, dredging and other development which may increase erosion or flood damages;
- Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands; and
- Qualify and maintain for participation in the National Flood Insurance Program.

The ordinance appoints the Village Engineer as the local administrator to administer and implement the ordinance by granting or denying floodplain development permits in accordance with its provisions. There are general standards that apply to new development, including new and substantially improved structures, in the areas of special flood hazards as shown on the Flood Insurance Rate Map.

Sewers, Chapter 156: In order to protect the health, safety and welfare of village residents, the intent of this ordinance is to control the discharge of hazardous and noxious wastes into any sewer servicing the Village.

Subdivision of Land, Chapter 180: The Planning Board is authorized to review and approve, modify and approve or disapprove plats for subdivisions within the Village.

Zoning, Chapter 210: The Comprehensive Zoning Law implements the policies for land use in the Village of Airmont, which include:

- The Village's environmental resources are limited; the protection and enhancement of environmental, human and community resources must be fully respected.
- The impacts of growth must be controlled to maintain the rural, semirural and suburban character of the Village consistent with the ability of the Village to provide facilities and services.
- Commercial development must not be permitted to cause adverse impacts on the circulation facilities and on community appearance and should meet locally generated needs.
- Public facilities and services, including roads, drainage and recreation, must be planned and implemented consistent with the ability of the community to fund such facilities and the need to provide for an expanded population and not as a response to incremental and disjointed growth.
- Housing and employment opportunities should be broadened to the extent possible, by encouraging a wider variety of housing units and employment-producing land uses.
- A greater role for the public must be encouraged, both at the community level for policy implementation and at the neighborhood level for land use implementation.
- Nothing in the Zoning Code of the Village of Airmont shall be construed or interpreted in any manner whatsoever so as to hinder, prevent, or prohibit individuals from peacefully assembling in residential dwellings solely for the purposes of individual or group prayer.

Fiscal

Operating Budget: The Village operating budget contains provisions for street maintenance that includes street improvements, road signs, and drainage.

Grants:

The Village has applied for CDBG grants in the past; however they have been deemed no longer eligible for this grant program.

Education and Outreach

The Village maintains a website has links to the municipal newsletter, local laws and planning documents, the annual budget, county websites, and emergency services.

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. Villages utilizes these systems and also sends out email blasts to residents as needed as well.

Articles are distributed from the Building and Fire Inspectors via Village website (e.g., CO detectors, alarm on swimming pool) throughout the year.

The Village displays informational pamphlets for residents on the counter in Municipal Hall.

9.2.6 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status

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 9.2-11. 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 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	Join NFIP	Village Board	Complete	In the past, the Village participated in the NFIP under the Town of Ramapo. The Village now participates on their own (2014).		
	Culvert clearing and culvert replacement at Brookdale Avenue to increase capacity.	Engineering	Partial	Brookdale Avenue culvert was cleaned to best of ability; there was no increase in capacity. This culvert is on private property and under Route 59; cleaning has resolved the issue at this location.	Discontinue	No further plans to increase the capacity of this culvert. Cleaning resolved any existing issues.
	Bank stabilization and headwall replacement – west branch of Saddle River and its tributary – various locations	Engineering	No progress	Bank stabilization and headwall replacement is still needed at various locations along the west branch of Saddle River and its tributary; where erosion is taking place.	Include in 2018 HMP	
	Draft ordinance prohibiting dumping of vegetative and other debris into stream channels. Provide public education and outreach regarding this issues.	Village Board	Partial	Letters have been distributed to residents regarding issue; no ordinance has been passed to date.	Include in 2018 HMP	The Village is conducting a comprehensive review of their codes and this issue will be included as part of update; potentially enhance the illicit discharge section re: prohibiting vegetative and other debris. Draft ordinance prohibiting dumping of vegetative and other debris into stream channels.

<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 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	Drainage improvement to increase capacity of culvert – under the Erie Railroad Row.	Engineering	No progress	This project is still needed; residents are still complaining about yard flooding due to insufficient capacity of the culvert (also in the floodplain).	Include in 2018 HMP	Include as is.
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	In progress	The Village is in process of updating their Master Plan. The Village will consider including review of the mitigation plan and incorporating natural hazard zones in the zoning and development sections of the plan.	Include in 2018 HMP	The Village is in process of updating their Master Plan. The Village will consider including review of the mitigation plan and incorporating natural hazard zones in the zoning and development sections of the plan.
2.A	Expand and disseminate GIS and other hazard information on the internet.	CPG member; Village Trustee	In progress	The Village utilizes the Rockland County GIS portal and have received training. The Stormwater Consortium has secured a grant to work more with the County on how to get data and mapping from MS4 program from Villages and Town integrated into the County GIS map portal. Data standardization is needed.	Include in 2018 HMP	The Stormwater Consortium has secured a grant to work more with the County on how to get data and mapping from MS4 program from Villages and Town integrated into the County GIS map portal. Data standardization is needed of outfall locations and attributes based on differing users and use of the data.

<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 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	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. Villages utilizes these systems and also sends out email blasts to residents as needed as well.		
	Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation.	CPG member; Village Trustee	In progress	Workshops are held regularly by Planning and Zoning Boards, Building Department and Engineer regarding projects and discuss mitigation as applicable. Plan to continue doing this moving forward.	Discontinue	This is a current capability of the Planning and Zoning Boards, Building Department and Village Engineer. It is part of their current capabilities so it will not be carried into the 2018 HMP update as a mitigation action.
4.F	Continue to implement best management practices for floodplain areas.	CPG member; Village Trustee	In progress	Yes the Village continues to implement best management practices for floodplain areas.	Discontinue	This is a current capability of the NFIP Floodplain Administrator, Planning and Zoning Boards, Building Department and Village Engineer. It is part of their current capabilities so it will not be carried into the 2018 HMP update as a mitigation 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 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
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 does not experience repetitive flooding and does not have residents seeking mitigation of their properties. The Village will discontinue this action for these reasons.	Discontinue	
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	No progress	No specific areas that flood other than S. Monsey Road – intersection floods. The Village is not currently working with County DPW on projects but will work with them as needed as projects arise.	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	Complete	Village Hall is the only Village-owned structure and critical facility. It had a generator installed in the fall 2016; drainage was addressed at Village Hall as well. No further action needed.		
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	The Village utilizes the Rockland County’s Emergency Response Plan but looking into developing their own. The County is issuing an RFP to update the Comprehensive Emergency Management Plan.	Include in 2018 HMP	The Village utilizes the Rockland County’s Emergency Response Plan but looking into developing their own.

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 2016 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 maintains a website has links to the municipal newsletter, local laws and planning documents, the annual budget, county websites, and emergency services. Articles are distributed from the Building and Fire Inspectors via Village website (e.g., CO detectors, alarm on swimming pool) throughout the year. The Village displays informational pamphlets for residents on the counter in Municipal Hall.	Include in 2018 HMP	Revise action to obtain a display rack for informational brochures from Rockland County to have in Village Hall.
	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 will be conducting an overall review and update of their codes to ensure consistency and they are current.	Include in 2018 HMP	The Village will be conducting an overall review and update of their codes to ensure consistency and they are current.
	Code enforcement: enforcement of NYS and local building codes	Each jurisdictional CPG member	In progress.	The Village currently enforces their local building codes and will continue to do so.	Discontinue	This is a current capability; it will not be carried into the 2018 HMP update as a mitigation action.

<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 2016 HMP, revise/reword to be more specific (as appropriate). 2. If discontinue, explain why.
	Update/review floodplain management ordinances to be consistent with potential future new FIRMs	Village Board & Village Attorney	In progress.	The Floodplain Management Ordinance will be reviewed during the overall review and update of codes and Master Plan; however, the ordinance is current with the FEMA maps and will be updated as new FEMA maps are released.	Discontinue	
	Require staff involved in floodplain management and ordinance enforcement to become Certified Floodplain Managers (CFMs)	Village Board & Village Engineer	Complete	Brooker Engineering has CFMs on staff; Brooker Engineering is the consulting firm that serves as the Village Engineer.		
	Join the Community Rating System (CRS)	Village Board	Complete	Joining CRS has been discussed in the past; not cost-effective because not many properties in the Village maintain flood insurance.	Discontinue	

Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

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

- Generator was purchased and installed at Village Hall in October 2016; funding was secured through Senator Carlucci's Office (\$50K). Village Hall serves as a warming/cooling center and maintains government services.

Proposed Hazard Mitigation Initiatives for the Plan Update

The Village of Airmont participated in a mitigation action workshop on February 16, 2017 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 'Selecting Appropriate Mitigation Measures for Floodprone Structures' (March 2007) and FEMA 'Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards' (January 2013).

Table 9.2-12 summarizes the comprehensive-range of specific mitigation initiatives the Village of Airmont 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 9.2-13 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.

Table 9.2-12. 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
Airmont-1 (new)	Beaver Hollow – bank erosion and stabilization project	Both	Flood, Severe Storm, Nor’Easter	2, 4	Village Engineer	High	High	Federal, State, Local	DOF	Medium	SIP, NSP	PP, NR
Airmont-2 (carryover)	Develop a Village Emergency Plan (currently utilizes the Rockland County’s Emergency Response Plan)	Both	All	1, 2, 5, 7	Village Planner	High	Medium	Local	DOF	High	LPR	ES
Airmont-3 (carryover)	Obtain a display rack from Rockland County for brochure to increase outreach at Village Hall	Both	All	3, 7	Rockland County Office of Fire and Emergency Services	High	Low	N/A	DOF	High	EAP	PI
Airmont-4 (carryover)	Bank stabilization and headwall replacement is still needed at various locations along the west branch of Saddle River and its tributary; where erosion is taking place. - Behind Glenmere Road properties -Beaver Hollow Road culvert	Both	Flood, Severe Storm, Nor’Easter	2, 4	Village Engineer	High	High	Federal, State, Local	DOF	Medium	SIP	PP
Airmont-5 (carryover)	As part of the Village’s comprehensive review of their codes, enhance the illicit discharge section re: prohibiting dumping of vegetative and other debris into stream channels.	N/A	Flood, Severe Storm, Nor’Easter	1, 2, 6, 7	Village Engineer and Planner	High	Low	Local	Short	High	LPR	PR
Airmont-6 (carryover)	Drainage improvement to increase capacity of culvert – under the Erie Railroad Row.	Both	Flood, Severe Storm, Nor’Easter	1, 2	Village Engineer	High	High	FEMA HMA, State, Local	Short DOF	High	SIP	PP
Airmont-7 (carryover)	The Village is in process of updating their	Both	All	1, 2, 7	Village Planner and	High	Medium	Local	Short	High	LPR	PR



Table 9.2-12. 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
	Comprehensive Plan. The Village will consider including review of the mitigation plan and incorporating natural hazard zones in the zoning and development sections of the plan.				Master Plan Update Committee							
Airmont-8 (carryover)	The Stormwater Consortium has secured a grant to work more with the County on how to get data and mapping from MS4 program from Villages and Town integrated into the County GIS map portal. Data standardization is needed for outfalls based on differing users and use of data.	N/A	Flood, Severe Storm, Nor' Easter	1, 2, 7	Village Engineer	High	Medium	Water Quality Improvement Grant	Short	High	LPR	PR
Airmont-9 (new)	The Village of Airmont intends to replace the deteriorating and inadequately-sized culvert running for 100 feet along Brookside Avenue with new pipe 24" in diameter. The installation will mitigate the problem of flooding to the road and area properties, and insure access to area properties and to NYS Route 59 where it intersects with Brookside Avenue. Rte 59 is the major route to the local hospital.	Both	Flood, Severe Storm, Nor' Easter	1, 2	Village Engineer	High	High	FEMA and local	Short (DOF)	High	SIP	PP
Airmont-10 (carryover)	Develop specific mitigation solutions for floodprone road systems (roads,	Existing	Flood, Severe Storm,	1, 2	County DPW; Village	High	High	FEMA HMA	DOF	High	SIP	PP



Table 9.2-12. 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
	bridges, intersections, drainage, etc.) under the leadership of County DPW. One potential location is the intersection of S. Monsey Road.		Nor'Easter		Mayor							
Airmont-11 (new)	Address insufficient drainage at 7 South Amundsen	Existing	Flood, Severe Storm, Nor'Easter	1, 2	Village Engineer	High	Medium (\$19,000)	Capital improvement funding	Short	High	SIP	PP
Airmont-12 (new)	Improve the drainage channel along Laura Drive by providing greater protection than that provided by the original installation. The project will consist of the removal of approximately 740 square feet of damaged gabion baskets and install approximately 740 square feet of Redi-Roc wall stone, and trim the area with surge stone. The improvements will be better able to withstand the force and volume of water during heavy rain events, such as the area experienced during Irene and Sandy, and will protect the road and area properties from further damage.	Existing	Flood, Severe Storm, Nor'Easter	1, 2	Village Engineer	High	High	FEMA HMA, State, Local	Short (DOF)	High	SIP	PP
Airmont-13 (new)	There are 3 potable wells and one pump station located in the floodplain in the Village and potentially vulnerable to flood events as identified during the	Existing	Flood	1, 2, 5	Village Engineer; Private Owners	High	Medium	FEMA HMA	Short (DOF)	Medium	LPR	PR



Table 9.2-12. 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
	<p>Rockland County HMP update. The Village does not have jurisdiction over these facilities to mitigate. The Village will notify the private potable-well and pump station owners regarding these critical facilities' flood vulnerability identified during the Rockland County HMP update and NYS' requirement to protect to the 500-year flood or worst-case scenario. The Village will provide the owners information regarding grant options for funding to implement their mitigation. Potential feasible projects may include the following. The private owners will need to determine the most cost effective and feasible mitigation action for these facilities:</p> <ul style="list-style-type: none"> • Elevate the infrastructure • Dry floodproof and install a backup power supply/generator • Retrofit the structure with a sensor that would seal the well itself off from floodwaters, like a backflow preventer. Add a backup power supply to make sure it works when the power's out. • Drill a new well outside 											

Table 9.2-12. 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
	the floodplain											

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:

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

Timeline:

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

Costs:

Where actual project costs have been reasonably estimated:

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

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

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

Benefits:

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

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

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

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

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.



- *Natural Systems Protection (NSP)* – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- *Education and Awareness Programs (EAP)* – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

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

Table 9.2-13. 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
Airmont-1 (new)	Beaver Hollow – bank erosion and stabilization project	0	1	1	1	0	0	0	1	0	0	1	1	1	1	8	Medium
Airmont-2 (carryover)	Develop a Village Emergency Plan (currently utilizes the Rockland County’s Emergency Response Plan)	1	1	1	1	0	1	0	0	1	1	1	1	1	0	10	High
Airmont-3 (carryover)	Obtain a display rack from Rockland County for brochure to increase outreach at Village Hall	1	1	1	1	1	1	1	0	1	1	1	1	1	1	13	High
Airmont-4 (carryover)	Bank stabilization and headwall replacement is still needed at various locations along the west branch of Saddle River and its tributary; where erosion is taking place.	0	1	1	1	0	0	0	1	0	0	1	1	1	1	8	Medium
Airmont-5 (carryover)	Enhance the illicit discharge section regarding prohibiting dumping of vegetative and other debris into stream channels.	0	0	1	1	1	1	1	1	0	1	1	1	1	1	11	High
Airmont-6 (carryover)	Drainage improvement to	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High

Table 9.2-13. 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
	increase capacity of culvert – under the Erie Railroad Row.																
Airmont-7 (carryover)	The Village is in process of updating their Master Plan. The Village will consider including review of the mitigation plan and incorporating natural hazard zones in the zoning and development sections of the plan.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
Airmont-8 (carryover)	The Stormwater Consortium has secured a grant to work more with the County on how to get data and mapping from MS4 program from Villages and Town integrated into the County GIS map portal. Data standardization is needed for outfalls based on differing users and use of data.	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	High
Airmont-9 (new)	The Village of Airmont intends to replace the deteriorating and	1	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High



Table 9.2-13. 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
	inadequately-sized culvert running for 100 feet along Brookside Avenue																
Airmont-10 (carryover)	Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW.	1	1	1	1	0	0	0	1	1	1	1	1	1	1	12	High
Airmont-11 (new)	Address insufficient drainage at 7 South Amundsen	1	1	1	1	1	1	0	1	1	1	1	1	1	1	13	High
Airmont-12 (new)	Improve the drainage channel along Laura Drive by providing greater protection than that provided by the original installation.	1	1	1	1	1	1	0	1	1	1	1	1	1	1	13	High
Airmont-13 (new)	There are 3 potable wells and one pump station located in the floodplain in the Village and potentially vulnerable to flood events as identified during the Rockland County HMP update. The Village does not have jurisdiction over	1	1	1	1	0	0	0	1	0	0	0	1	0	0	6	Medium



Table 9.2-13. 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	
	<p>these facilities to mitigate. The Village will notify the private potable-well and pump station owners regarding these critical facilities' flood vulnerability identified during the Rockland County HMP update and NYS' requirement to protect to the 500-year flood or worst-case scenario. The Village will provide the owners information regarding grant options for funding to implement their mitigation. Potential feasible projects may include the following. The private owners will need to determine the most cost effective and feasible mitigation action for these facilities:</p> <ul style="list-style-type: none"> • Elevate the infrastructure • Dry floodproof 																	

Table 9.2-13. 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
	and install a backup power supply/generator <ul style="list-style-type: none"> • Retrofit the structure with a sensor that would seal the well itself off from floodwaters, like a backflow preventer. Add a backup power supply to make sure it works when the power's out. • Drill a new well outside the floodplain 																

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

9.2.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

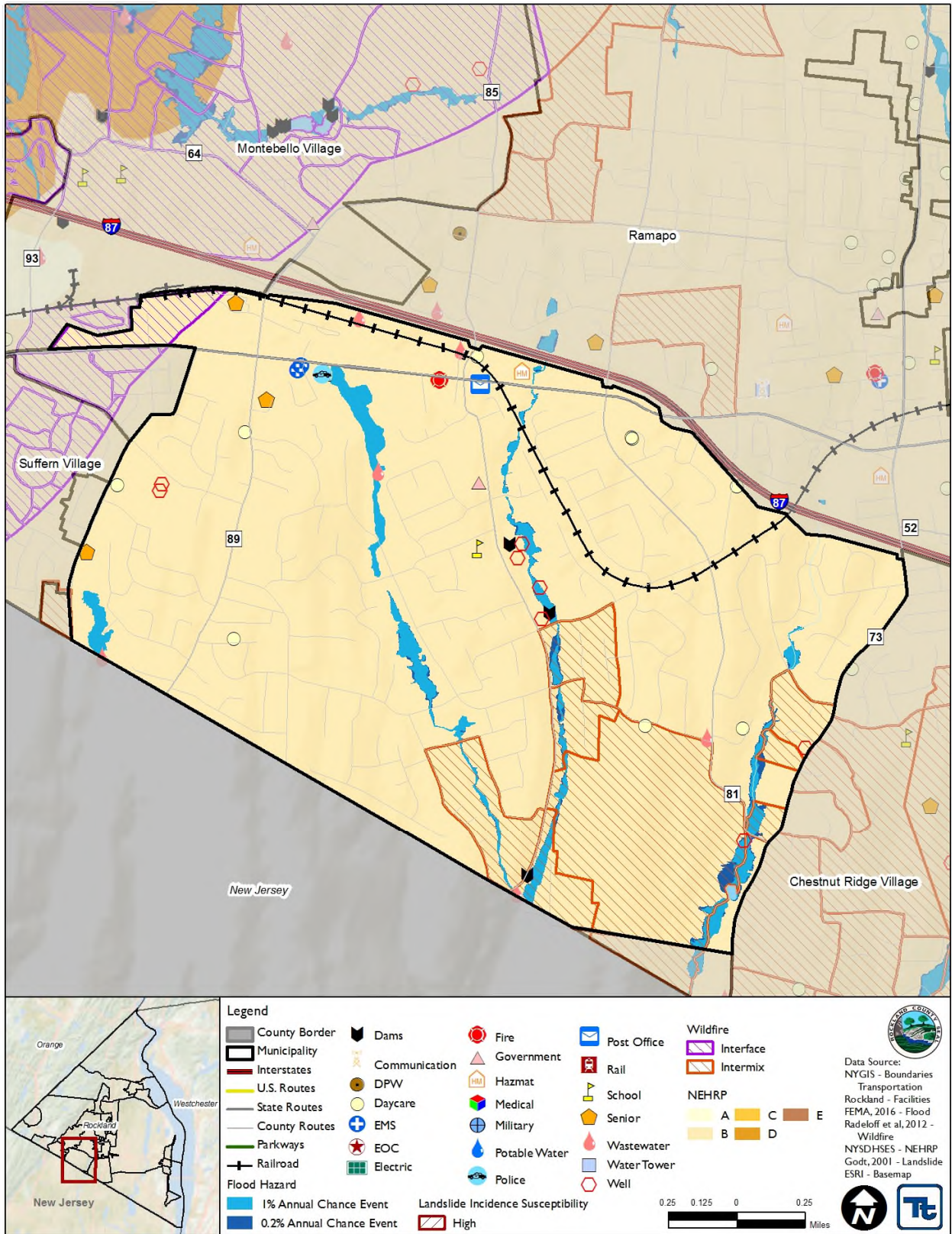
9.2.8 Hazard Area Extent and Location

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

9.2.9 Additional Comments

None at this time.

Figure 9.2-1. Village of Airmont Hazard Area Extent and Location Map



Action Number: Airmont-1 (new)

Mitigation Action Name: Beaver Hollow

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Bank erosion at Beaver Hollow
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Reroute water body- not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Beaver Hollow – bank erosion and stabilization project
Mitigation Action Type	SIP, NSP
Goals Met	2, 4
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	Medium
Plan for Implementation	
Responsible Organization	Village Engineer
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Federal, State, Local
Timeline for Completion	DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-1 (new)
Mitigation Action Name: Beaver Hollow

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Protect area in Beaver Hollow
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	0	Need to seek grant funding
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	8	
Priority (H/M/L)	Medium	

Action Number: Airmont-2 (carryover)

Mitigation Action Name: Village Emergency Plan

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	The Village does not currently have an Emergency Plan of their own.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Partner with neighboring community on Emergency Plan – increased time to complete, less specific to Airmont
Action/Project Intended for Implementation	
Description of Selected Action/Project	Develop a Village Emergency Plan (currently utilizes the Rockland County's Emergency Response Plan)
Mitigation Action Type	LPR
Goals Met	1, 2, 5, 7
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
Local Planning Mechanism	Hazard Mitigation, Emergency Operations
Potential Funding Sources	Local
Timeline for Completion	DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-2 (carryover)
Mitigation Action Name: Village Emergency Plan

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Provide guidance to protect residents of the Village
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
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	0	
Total	10	
Priority (H/M/L)	High	

Action Number: Airmont-3 (carryover)
Mitigation Action Name: Display rack for brochures

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	There is a need to increase public outreach and education throughout the Village
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Make brochures available online – not all residents have computer access
Action/Project Intended for Implementation	
Description of Selected Action/Project	Obtain a display rack from Rockland County for brochure to increase outreach at Village Hall
Mitigation Action Type	EAP
Goals Met	3, 7
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Rockland County Office of Fire and Emergency Services
Local Planning Mechanism	Hazard Mitigation, Public Education
Potential Funding Sources	N/A
Timeline for Completion	DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-3 (carryover)
Mitigation Action Name: Display rack for brochures

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	Use municipal budget
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	13	
Priority (H/M/L)	High	

Action Number: Airmont-4 (carryover)
Mitigation Action Name: Bank stabilization and headwall replacement

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Erosion is occurring along locations of the west branch of Saddle River and its tributary
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Reroute west branch of Saddle River- not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Bank stabilization and headwall replacement is still needed at various locations along the west branch of Saddle River and its tributary; where erosion is taking place. Eve to provide locations
Mitigation Action Type	SIP
Goals Met	2, 4
Applies to existing and or new development, or not applicable	Both
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	Medium
Plan for Implementation	
Responsible Organization	Village Engineer
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	Federal, State, Local
Timeline for Completion	DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-4 (carryover)
Mitigation Action Name: Bank stabilization and headwall replacement

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Provide protection to surrounding property along the west branch of the Saddle River
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	0	Need to seek funding
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	8	
Priority (H/M/L)	Medium	

Action Number: Airmont-5 (carryover)
Mitigation Action Name: Enhance illicit discharge section of comprehensive plan

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	There is a need to enhance the illicit discharge section of the Village's comprehensive plan
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Develop stand alone ordinance – lack of connectivity to comprehensive plan actions
Action/Project Intended for Implementation	
Description of Selected Action/Project	As part of the Village's comprehensive review of their codes, enhance the illicit discharge section re: prohibiting dumping of vegetative and other debris into stream channels.
Mitigation Action Type	LPR
Goals Met	1, 2, 6, 7
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	High
Estimated Cost	Low
Priority*	High
Plan for Implementation	
Responsible Organization	Village Engineer and Planner
Local Planning Mechanism	Hazard Mitigation, Comprehensive Plan
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: Airmont-5 (carryover)
Mitigation Action Name: Enhance illicit discharge section of comprehensive plan

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	1	Use municipal funding
Environmental	1	
Social	0	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	11	
Priority (H/M/L)	High	

Action Number: Airmont-6 (carryover)
Mitigation Action Name: Drainage improvement under the Erie Railroad Row

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Undersize culvert under the Erie Railroad Row
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Raise Erie Railroad Row – not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Drainage improvement to increase capacity of culvert – under the Erie Railroad Row.
Mitigation Action Type	SIP
Goals Met	1, 2
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 Engineer
Local Planning Mechanism	Hazard Mitigation
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: Airmont-6 (carryover)
Mitigation Action Name: Drainage improvement under the Erie Railroad Row

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Provide greater protection from flood events
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek funding
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	12	
Priority (H/M/L)	High	

Action Number: Airmont-7 (carryover)

Mitigation Action Name: Master plan

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	The master plan does not currently incorporate natural hazard areas in the zoning and development section
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Develop stand alone plans – lack of connectivity to Master Plan
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Village is in process of updating their Master Plan. The Village will consider including review of the mitigation plan and incorporating natural hazard zones in the zoning and development sections of the plan.
Mitigation Action Type	LPR
Goals Met	1, 2, 7
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	TBD
Local Planning Mechanism	Hazard Mitigation, Master Plan
Potential Funding Sources	TBD
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-7 (carryover)
Mitigation Action Name: Master plan

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	To be completed in next five years
Agency Champion	1	
Other Community Objectives	1	
Total	14	
Priority (H/M/L)	High	

Action Number: Airmont-8 (carryover)
Mitigation Action Name: Stormwater Consortium - MS4 program

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	There is a need for data and mapping of the MS4 program from village and towns in the County
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Work independently from the County on data and mapping – lack of County support, no regional standardization of data
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Stormwater Consortium has secured a grant to work more with the County on how to get data and mapping from MS4 program from Villages and Town integrated into the County GIS map portal. Data standardization is needed for outfalls based on differing users and use of data.
Mitigation Action Type	LPR
Goals Met	1, 2, 7
Applies to existing and or new development, or not applicable	N/A
Benefits (losses avoided)	High
Estimated Cost	Medium
Priority*	High
Plan for Implementation	
Responsible Organization	Village Engineer
Local Planning Mechanism	Hazard Mitigation, Stormwater
Potential Funding Sources	TBD
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-8 (carryover)
Mitigation Action Name: Stormwater Consortium - MS4 program

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	1	Use municipal budget to fund
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	To be completed in the next five years
Agency Champion	1	
Other Community Objectives	1	
Total	13	
Priority (H/M/L)	High	

Action Number: Airmont-9 (new)
Mitigation Action Name: Replace culvert along Brookside Avenue

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Undersize culvert along Brookside Avenue which leads to flooding issues along the roadway
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Raise roadway – not cost effective
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Village of Airmont intends to replace the deteriorating and inadequately-sized culvert running for 100 feet along Brookside Avenue with new pipe 24" in diameter. The installation will mitigate the problem of flooding to the road and area properties, and insure access to area properties and to NYS Route 59 where it intersects with Brookside Avenue. Rte 59 is the major route to the local hospital.
Mitigation Action Type	SIP
Goals Met	1, 2
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 Engineer
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	TBD
Timeline for Completion	Short (DOF)
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-9 (new)
Mitigation Action Name: Replace culvert along Brookside Avenue

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide better protection to surrounding properties from flood damage
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek grant funding
Environmental	1	Increase capacity of culvert and provide protection to surrounding land
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	12	
Priority (H/M/L)	High	

Action Number:

Airmont-10 (carryover)

Mitigation Action Name:

Mitigation solutions for floodprone road system

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Floodprone roadways in the Village - need to develop solutions to resolve the issue
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Move roadways out of flood prone areas – not feasible
Action/Project Intended for Implementation	
Description of Selected Action/Project	Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW. One potential location is the intersection of S. Monsey Road. Develop specific mitigation solutions for floodprone road systems (roads, bridges, intersections, drainage, etc.) under the leadership of County DPW.
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	High
Plan for Implementation	
Responsible Organization	County DPW; Village Mayor
Local Planning Mechanism	Hazard Mitigation
Potential Funding Sources	TBD
Timeline for Completion	DOF
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-10 (carryover)
Mitigation Action Name: Mitigation solutions for floodprone road system

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide better protection to surrounding properties from flood damage
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	0	Need to seek grant funding
Environmental	1	Increase capacity of culvert and provide protection to surrounding land
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	12	
Priority (H/M/L)	High	

Action Number: Airmont-11 (new)
Mitigation Action Name: Address insufficient drainage at 7 South Amundsen

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Insufficient drainage in the area of 7 South Amundsen
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Raise roadway to reduce impact of insufficient drainage – not cost effective
Action/Project Intended for Implementation	
Description of Selected Action/Project	Address insufficient drainage at 7 South Amundsen
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	Medium (\$19,000)
Priority*	High
Plan for Implementation	
Responsible Organization	Village Engineer
Local Planning Mechanism	Hazard Mitigation, Capital Improvement
Potential Funding Sources	Capital improvement funding
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

Action Number: Airmont-11 (new)
Mitigation Action Name: Address insufficient drainage at 7 South Amundsen

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide better protection to surrounding properties from flood damage
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek grant funding
Environmental	1	Increase capacity of culvert and provide protection to surrounding land
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	13	
Priority (H/M/L)	High	

Action Number: Airmont-12 (new)
Mitigation Action Name: Improve drainage channel along Laura Drive

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Nor'Easter
Specific problem being mitigated:	Drainage along Laura Drive needs to improved - roadway and properties prone to flooding and damages
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Raise roadways and properties – not cost effective
Action/Project Intended for Implementation	
Description of Selected Action/Project	Improve the drainage channel along Laura Drive by providing greater protection than that provided by the original installation. The project will consist of the removal of approximately 740 square feet of damaged gabion baskets and install approximately 740 square feet of Redi-Roc wall stone, and trim the area with surge stone. The improvements will be better able to withstand the force and volume of water during heavy rain events, such as the area experienced during Irene and Sandy, and will protect the road and area properties from further damage.
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	High
Plan for Implementation	
Responsible Organization	Village Engineer
Local Planning Mechanism	Hazard Mitigation
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: Airmont-12 (new)
Mitigation Action Name: Improve drainage channel along Laura Drive

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Provide better protection to surrounding properties from flood damage
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Need to seek grant funding
Environmental	1	Increase capacity of culvert and provide protection to surrounding land
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	13	
Priority (H/M/L)	High	

Action Number: Airmont-13 (new)
Mitigation Action Name: Wells and Pump Station Located in Floodplain

Assessing the Risk	
Hazard(s) addressed:	Flood
Specific problem being mitigated:	There are three wells and a pump station in the floodplain in the Village and potentially vulnerable to flood events.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	Do nothing - current problem continues Elevate well and pump station infrastructure Dry floodproof and install a backup power supply/generator Retrofit the structure(s) with a sensor that would seal the well itself off from floodwaters, like a backflow preventer. Add a backup power supply to make sure it works when the power's out. Drill a new well outside the floodplain
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Village will notify the private potable-well and pump station owners regarding these critical facilities' flood vulnerability identified during the Rockland County HMP update and NYS' requirement to protect to the 500-year flood or worst-case scenario. The Village will provide the owners information regarding grant options for funding to implement their mitigation. Potential feasible projects may include the following. The private owners will need to determine the most cost effective and feasible mitigation action for these facilities.
Mitigation Action Type	SIP
Goals Met	1, 2
Applies to existing and or new development, or not applicable	Existing
Benefits (losses avoided)	High
Estimated Cost	High
Priority*	High
Plan for Implementation	
Responsible Organization	'Private Property Owners' with Village support
Local Planning Mechanism	Hazard Mitigation
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: Airmont-13 (new)
Mitigation Action Name: Wells and Pump Station Located in Floodplain

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Working with owners will help identify how to protect these assets from future flood events
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Private owners may need to seek grant funding
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm, Nor'Easter
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	13	
Priority (H/M/L)	High	