



9.11 Village of Old Field

This section presents the jurisdictional annex for the Village of Old Field.

9.11.1 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
Lynda Howell, Village Clerk P.O. Box 2724 Setauket, NY 11733 Phone: 631-941- 9412 E-mail: villageclerk@oldfieldny.org	Mike Levine, Mayor P.O. Box 2724, Setauket, NY 11733 Phone: 631-293-2300 E-mail: MLevine@rapplaw.com

9.11.2 Municipal Profile

This section provides a summary of the community.

Population

According to the U.S. Census, the 2010 population for the Village of Old Field was 918.

Location

The Village of Old Field is situated in the northwest corner of the Town of Brookhaven; with its western border is in close proximity to the Town of Smithtown. Water bounds the Village on three sides, including the Long Island Sound, Conscience Bay and Port Jefferson Harbor.

Brief History

Between 1655 and 1659, the area currently known as the Village of Old Field was sold for a payment of coats, hoes, hatchets, needles, knives, kettles, and awls, by Setalcott Sachem Waewasen. In 1874, Richard M. Bayles, described the settlement of Old Field as “twenty-five houses scattered along a road which leads from the west side of the mill-pond at Setauket, north and east, a distance of three miles. However, the nature of Old Field changed as city dwellers, many of whom would become permanent residents, increasingly built larger and grander residences. Following World War II, Old Field witnessed the sale of large parcels of land for new home building and the advent of two acre zoning in 1954.

Governing Body Format

The Village of Old Field is governed by a Board of Trustees consisting of a Mayor and four Board Members (one of whom is appointed as Deputy Mayor) elected for staggered two year terms. Each of the four Trustees also holds a position as a Commissioner.

Growth/Development Trends

The following table summarizes major residential/commercial development and major infrastructure development that are identified for the next five (5) years in the municipality. Refer to the map in section 9.11.8 of this annex which illustrates the hazard areas along with the location of potential new development.





Table 9.11-1. Growth and Development

Property Name	Type (Residential or Commercial)	Number of Structures	Location (address and/or block/lot)	Known Hazard Zone*	Description / Status
Karin A Brown Residence	Res.	1 house; 1 barn	4 North Ridge Road 203-015-05-20.6	N/A	2 story single family residence w/ barn, tennis court

* Only location-specific hazard zones or vulnerabilities identified.

9.11.3 Natural Hazard Event History Specific to the Municipality

Suffolk 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. The table below presents a summary of natural events that have occurred to indicate the range and impact of natural hazard events in the community. Information regarding specific damages is included if available based on reference material or local sources. For details of events prior to 2008, refer to Volume I, Section 5.0 of this plan.

Table 9.11-2. Hazard Event History

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
August 26 – September 5, 2011	Hurricane Irene	EM 3328 DR 4020	Yes – IA and PA	Yes, flooding and wind damage
October 27-November 8, 2012	Hurricane Sandy	DR-4085	Yes – IA and PA	Yes, flooding, wind damage and loss of power

EM Emergency Declaration (FEMA)
 FEMA Federal Emergency Management Agency
 DR Major Disaster Declaration (FEMA)
 IA Individual Assistance
 N/A Not applicable
 PA Public Assistance



9.11.4 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 Old Field. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

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

Table 9.11-3. Hazard Risk/Vulnerability Risk Ranking

Hazard Ranking	Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, c, e}	Probability of Occurrence ^b	Risk Ranking Score (Probability x Impact)
2	Coastal Erosion	RCV in CEHA: \$97,055,455	Frequent	24
10	Drought	Damage estimate not available	Occasional	9
7	Earthquake	500-Year MRP: \$128,618,913 2,500-Year MRP: \$2,065,631,997	Rare	16
10	Expansive Soils	Damage estimate not available	Rare	6
4	Flood	1% Annual Chance: \$9,843,926 0.2% Annual Chance: \$13,797,170	Frequent	18
8	Groundwater Contamination (natural)	Damage estimate not available	Frequent	21
3	Hurricane	Category 1 SLOSH: \$33,923,133 Category 2 SLOSH: \$115,018,597 Category 3 SLOSH: \$211,495,896 Category 4 SLOSH: \$286,256,630	Occasional	36
9	Infestation	No measurable impact to property	Frequent	21
1	Nor'Easter	100-Year RCV: \$1,725,996,479 500-Year RCV: \$1,596,906,895	Frequent	54
5	Severe Storm	100-Year RCV: \$1,725,996,479 500-Year RCV: \$1,596,906,895	Frequent	48
2	Severe Winter Storm	1% of GBS: \$6,518,840 5% of GBS: \$32,594,201	Frequent	54
6	Shallow Groundwater Flooding	Damage estimate not available	Frequent	21
10	Wildfire	Estimated RCV in Interface/Intermix: \$959,761,165	Occasional	12

- 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 the custom inventory developed for Suffolk County and probabilistic modeling results and exposure analysis as discussed in Section 5.
- c. The earthquake and hurricane wind hazards were evaluated by Census tract. The Census tracts do not exactly align with municipal boundaries; therefore, a total is reported for each Town inclusive of the Villages and the Tribes within the Town boundary.



- d. Frequent = Hazard event that occurs more frequently than once in 10 years; Occasional = Hazard event that occurs from once in 10 years to once in 100 years, Rare = Hazard event that occurs from once in 100 years to once in 1,000 years; None = Hazard event that occurs less frequently than once in 1,000 years
 - e. The estimated potential losses for Nor'Easter and Severe Storm are from the HAZUS-MH probabilistic hurricane wind model results. See footnote c.
- CEHA = Coastal Erosion Hazard Area
 GBS = General building stock
 MRP = Mean return period
 RCV = Replacement cost value

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the municipality.

Table 9.11-4. 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)	# Policies in 500-Boundary (3)	# Policies Outside the 500-year Flood Hazard (3)
Village of Old Field	37	19	\$154,581	2	0	5	0	32

Source: FEMA Region 2, 2014

Note (1): Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, and are current as of January 31, 2014. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents the number of claims closed by January 31, 2014.

Note (2): Information regarding total building and content losses was gathered from the claims file provided by FEMA Region 2.

Note (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. 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.

Critical Facilities

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

Table 9.11-5. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Potential Loss from 1% Flood Event			Potential Loss from 0.2% Flood Event		
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage	Days to 100-Percent ⁽²⁾	Percent Structure Damage	Percent Content Damage	Days to 100-Percent ⁽²⁾
None identified at this time.									

Other Vulnerabilities Identified by Municipality

In addition to those identified above, the municipality has identified the following vulnerabilities:

Old Field Point Revetment: Gabion baskets were damaged and stones washed away by Hurricane Sandy. Baskets have been repaired, additional erosion due to Hurricane Sandy has been discovered, and must be repaired.



9.11.5 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 municipality.

Table 9.11-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Y/N)	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, date of adoption, name of plan, explanation of authority, etc.)
Building Code	Y	Local, County, and State		Code of the Village of Old Field
Zoning Ordinance	Y	Local		Chapter 121: Zoning, Adopted 7/22/1963
Subdivision Ordinance	Y	Local		Chapter 95: Subdivision of Land, Adopted 7/9/1996
Special Purpose Ordinances	N			Chapter 44: Flood Damage Prevention, Adopted 9/20/1994
Growth Management	N			
Floodplain Management / Basin Plan	Y	Local		Coastal Erosion Hazard Area used in Site Plan Reviews
Stormwater Management Plan/Ordinance	Y	Local, County, and State		Old Field's Stormwater Management Plan (MS4 Program) February 2013
Comprehensive Plan / Master Plan	N			
Capital Improvements Plan	N			
Site Plan Review Requirements	Y	Local		Village Code; Article XI: Site Plan Review
Habitat Conservation Plan	N			Flax Pond Unit Management Plan
Economic Development Plan	N			
Emergency Response Plan	Y	Local		Community Emergency Response Team
Shoreline Management Plan	Y	Local		Repair to Old Field Point Revetment (Hurricane Sandy damage)
Post Disaster Recovery Plan	Y	Local		Community Emergency Response Team (local, not with Brookhaven)
Post Disaster Recovery Ordinance	N			



Tool / Program (code, ordinance, plan)	Do you have this? (Y/N)	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, date of adoption, name of plan, explanation of authority, etc.)
Real Estate Disclosure req.	N			
Other (e.g. steep slope ordinance, local waterfront revitalization plan)	N			
NFIP Flood Damage Protection Ordinance	Y	Local	Village of Old Field Board of Trustees	Village Code: Chapter 44: Flood Damage Prevention
Freeboard	N			State mandated BFE + 2 for single and two-family residential construction, BFE+1 for all other
Cumulative Substantial Damages	N			
Coastal Erosion Control Districts	Y	Local	Village of Old Field Board of Trustees	Village Code: Chapter 19

Administrative and Technical Capability

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

Table 9.11-7. Administrative and Technical Capabilities

Staff/ Personnel Resources	Available (Y or N)	Department/ Agency/Position
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Y	Stephen G Hayduk, P.E. Village Engineer
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Joseph Arico Building Inspector
Planners or engineers with an understanding of natural hazards	Y	Ted Rosenberg Trustee/Deputy Mayor
NFIP Floodplain Administrator	Y	Village Clerk, Building Inspector, and Village Engineer
Surveyor(s)	N	
Personnel skilled or trained in “GIS” applications	Y	Ted Rosenberg Trustee/Deputy Mayor
Scientist familiar with natural hazards in the municipality.	Y	Ted Rosenberg Trustee/Deputy Mayor
Emergency Manager	Y	Ted Rosenberg Trustee/Deputy Mayor
Grant Writer(s)	N	
Staff with expertise or training in benefit/cost analysis	N	
Professionals trained in conducting damage assessments	N	



Fiscal Capability

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

Table 9.11-8. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No/Don't Know)
Community Development Block Grants (CDBG)	n/a
Capital Improvements Project Funding	n/a
Authority to Levy Taxes for specific purposes	n/a
User fees for water, sewer, gas or electric service	n/a
Impact Fees for homebuyers or developers of new development/homes	n/a
Incur debt through general obligation bonds	n/a
Incur debt through special tax bonds	n/a
Incur debt through private activity bonds	n/a
Withhold public expenditures in hazard-prone areas	n/a
Mitigation grant programs	Yes, NYSDEC wetlands grant and FEMA gabion restoration
Other	n/a

Community Classifications

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

Table 9.11-9. Community Classifications

Program	Classification	Date Classified
Community Rating System (CRS)	NP	
Building Code Effectiveness Grading Schedule (BCEGS)	NP	
Public Protection	NP	
Storm Ready	NP	
Firewise	NP	

N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.

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

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule



- The ISO Mitigation online ISO's Public Protection website at <http://www.isomitigation.com/ppc/0000/ppc0001.html>
- The National Weather Service Storm Ready website at <http://www.weather.gov/stormready/howto.htm>
- The National Firewise Communities website at <http://firewise.org/>

National Flood Insurance Program

The following section provides details on the National Flood Insurance Program (NFIP) as implemented within the municipality:

Program and Compliance History

Loss History and Mitigation

Planning and Regulatory Capabilities

Administrative and Technical Capabilities

Public Education and Outreach

Actions to Strengthen the Program



Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

It is the intention of this municipality to incorporate hazard mitigation planning and natural hazard risk reduction as an integral component of ongoing municipal operations. The following textual summary and table identify relevant planning mechanisms and programs that have been/will be incorporated into municipal procedures, which may include former mitigation initiatives that have become continuous/ongoing programs and may be considered mitigation “capabilities”:

- **Land Use Plans** – maintain the floodplain management plan and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.
- **Building Code, Ordinances, and Enforcement** – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.
- **Building Code, Ordinances, and Enforcement** – maintain NFIP flood damage prevention ordinance.
- **Stormwater Management Plan** – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.
- **Floodplain Management** - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate
- **Emergency Response Plan** - maintain a post –disaster recovery plan, including a debris management plan. This to be incorporated into the existing emergency management plan. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.
- **Emergency Response Plan** – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.



9.11.6 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 2008 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 9.11-10. Past Mitigation Initiative Status

Description	Status	Review Comments
VOF-1: Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage with repetitive loss and severe repetitive loss properties as priority.	Ongoing	An amended version of this initiative is being carried forward in the updated strategy. Implementation is supported by specific initiatives in the updated strategy, including participation in related county-led initiatives.
VOF-2: Consider participation in incentive-based programs such as CRS and Storm Ready.	Ongoing	The Village has included an initiative to support county-led initiatives, which include programs to enhance floodplain management capabilities. The Village will attend a CRS workshop if offered locally.
VOF-3: Continue to support the implementation, monitoring, maintenance and updating of this Plan, as defined in Section 7.0	Ongoing	This initiative is being removed from the updated mitigation strategy as it refers to activities that are an ongoing and normal part of Village operations. The Village has fully participated in the 2014 update to this plan.
VOF-4: Strive to maintain compliance with and good-standing in the National Flood Insurance program	Ongoing	This initiative is being removed from the updated mitigation strategy, and identified as a mitigation capability as it refers to activities that are an ongoing and normal part of Village operations. Initiatives that enhance local floodplain management capabilities and participation in the NFIP have been identified in the Village’s updated mitigation strategy.
VOF-5: Continue to develop, enhance and implement existing emergency plans.	Ongoing	This initiative is being carried forward as an integration action, specifically identifying that the Village will incorporate the findings and recommendations of this HMP update into amendments/updates to their emergency plans.
VOF-6: Create/enhance/ maintain mutual aid agreements with neighboring communities.	Ongoing	This initiative is being removed from the updated mitigation strategy, and identified as a mitigation capability as it refers to activities that are an ongoing and normal part of Village operations.
VOF-7: Support County-wide initiatives identified in Section 9.1 of the County Annex.	Ongoing	A modified version of this initiative is being carried forward, identifying local participation in specific county-led mitigation programs and initiatives.
VOF-8: Consider the development of a post – disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans.	Ongoing	A modified version of this initiative is being carried forward, identifying local participation in the pending county-led debris management planning process.
VOF-9: Apply for grant to revet/reconstruct the Old Field Lighthouse to serve as the	Completed	Complete



Description	Status	Review Comments
municipal response center.		
VOF-10: Flax Pond Unit Management Plan: Conduct a study to ensure dredging marsh inlet for ecological reasons does not increase flooding or erosion patterns.	Completed	Complete
VOF-11: Flax Pond Unit Management Plan: Southwestern perimeter of marsh has constructed earthen berm with one-way drainage valve to mitigate flooding access road. Berm will fail without proper maintenance. Property is co-owned by State and Homeowners Assoc.	Completed	Complete
VOF-12: Shoreline Moratorium: Village funded study of built infrastructure on shoreline. The Village is now considering ordinances and permit guidelines for growth.	Ongoing	Carried over.
VOF-13: Increase training resources for Community Emergency Response Team members and residents' awareness	Ongoing	This initiative is being removed from the updated mitigation strategy, and identified as a mitigation capability as it refers to activities that are an ongoing and normal part of Village operations.

Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

- Old Field Point Revetment: Gabion baskets were damaged and stones washed away by Hurricane Sandy. Baskets have been repaired, additional erosion to the revetment has been discovered, and must be repaired.
- Old Field Wetlands/ Roadway Drainage Improvements: Stormwater road improvements and environmental habitat enhancement along a section of Old Field Road. The work generally consisted of the following: clearing and grubbing, removal of invasive species, excavations, installation of infiltration basins, connection into existing drainage structures, piping, grading, planting and seeding, installation of root barrier, installation of erosion control devices, installation of goose barrier fence, and the like.



Proposed Hazard Mitigation Initiatives for the Plan Update

The Village of Old Field identified mitigation initiatives they would like to pursue in the future. 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. Table 9.11-11 identifies the municipality's updated local mitigation strategy.

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 actions as 'High', 'Medium', or 'Low.' The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.11-12 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.11-11. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
NEW VOF-1	Replace gabion baskets damaged in Hurricane Sandy at the Old Field Point revetment.	Existing	Flood, Nor'Easter, Hurricane, Severe Storm	5, 15	Village	High	High	FEMA HMA Grants	Long Term DOF	High	SIP
NEW VOF-2	Assess and prioritize options to grade, and install erosion control on, the land along Old Field Road, and implement as funding becomes available.	Existing	Flood, Nor'Easter, Hurricane, Severe Storm	5, 15	Village	High	High	FEMA HMA Grants	Long Term DOF	High	SIP
NEW VOF-3	Assess and prioritize options to strengthen erosion control measures at the Old Field Point revetment, and implement as funding becomes available.	Existing	Flood, Nor'Easter, Hurricane, Severe Storm	5, 15	Village	High	High	FEMA HMA Grants	Short Term DOF	High	SIP
VOF-4	Assess and prioritize options to retrofit, acquire, or relocate structures located in hazard-prone areas, and implement as funding becomes available.	Existing	Flood, Nor'Easter, Hurricane, Severe Storm	2, 7, 13	Village	High	High	FEMA HMA Grants and municipality operating budget	Long-term DOF	High	SIP



Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
VOF-5	Work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate.	New & Existing	Flood, Nor'Easter, Hurricane, Severe Storm	1,2,3,7,13	NFIP Floodplain Administrator	High	Low	Village Budget	Short	Medium	EAP
VOF-6	Support and participate in county led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1), specifically: <ul style="list-style-type: none"> Mitigation Education for Natural Disasters (natural hazard awareness and personal scale risk reduction/mitigation public education and outreach program) Build Local Floodplain Management and Disaster Recovery Capabilities (enhanced floodplain management, and post-disaster assessment and recovery capabilities) Jurisdictional Knowledge of Mitigation Needs of Property Owners (improved understanding of damages and mitigation interest/activity of private property owners) Create a Multi-Jurisdictional Seismic Safety Committee in Suffolk County (build regional, county and local capabilities to manage seismic risk, both pre- and post-disaster) Alignment of Mitigation Initiatives through all levels of Government (effort to build State and Federal level recognition and support of the County and local hazard mitigation planning strategies identified in this plan). 										
	See above	Both	All Hazards	All Objectives	Suffolk County, as supported by relevant local department leads,	High (comprehensive improvements mitigation and risk-reduction capabilities)	Low-Medium (locally)	Village Budget	Short	High	All Types
VOF-7	Work with County and PSEG (formerly LIPA) to identify roads within the municipality that are considered "critical", and to be the first priority for clearing after an event involving downed power lines.	Existing	Severe Storm; Severe Winter Storm; Hurricane; Nor'Easter	3, 7, 13, 14, 15, 16	PSEG, County	High	Low-Medium	Village Budget	Short	High	LRP





Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
VOF-8 (formally VOF-12)	Shoreline Moratorium: Village funded study of built infrastructure on shoreline. The Village is considering ordinances and permit guidelines for growth.	New and Existing	Severe Storm; Severe Winter Storm; Hurricane; Nor'Easter	3, 4,	Village	Medium	Low	Village Budget	Short	Medium	LPR

Notes:

*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
- FMA Flood Mitigation Assistance grant program
- HMA Hazard Mitigation Assistance grant program (including FMA, HMGP, PDM)
- HMGP Hazard Mitigation Grant Program
- N/A Not applicable
- NFIP National Flood Insurance Program
- NYSOEM New York State Office of Emergency Management
- PDM Pre-Disaster Mitigation grant program
- PSEG Public Service Electric and Gas (formerly LIPA)

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.

Timeline:

Short = 1 to 5 years

Long Term = 5 years or greater

OG = On-going program

DOF = Depending on funding

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 (NRP)* – 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.



Table 9.11-12. 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
VOF-1	Replace gabion baskets damaged in Hurricane Sandy at the Old Field Point revetment.	0	1	1	1	1	0	1	1	1	1	1	0	1	0	10	High
VOF-2	Assess and prioritize options to grade, and install erosion control on, the land along Old Field Road, and implement as funding becomes available.	1	1	1	1	1	0	1	1	1	1	1	0	1	1	12	High
VOF-3	Assess and prioritize options to strengthen erosion control measures at the Old Field Point revetment, and implement as funding becomes available.	0	1	1	1	1	0	1	1	1	1	1	0	1	1	11	High
VOF-4	Assess and prioritize options to retrofit, acquire, or relocate structures located in hazard-prone areas, and implement as funding becomes	1	1	1	1	1	1	0	0	1	1	0	1	1	1	11	High





Section 9.11: Village of Old Field

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
	available.																
VOF-5	Work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate.	0	1	1	0	1	0	0	0	1	1	0	1	1	1	8	Medium
VOF-6	Support and participate in county led initiatives intended to build local and regional mitigation and risk-reduction capabilities	1	1	1	1	1	1	0	0	1	1	0	1	1	1	11	High
VOF-7	Work with County and PSEG (formerly LIPA) to identify roads within the municipality that are considered “critical”, and to be the first priority for clearing after an event involving downed power lines.	1	1	1	1	1	1	0	0	1	1	0	1	1	1	11	High
VOF-8	Shoreline	0	1	1	0	1	0	0	0	1	1	0	1	1	1	8	Medium





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
	Moratorium: Village funded study of built infrastructure on shoreline. The Village is considering ordinances and permit guidelines for growth.																

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



9.11.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.11.8 Hazard Area Extent and Location

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

9.11.9 Additional Comments

None at this time.



Figure 9.11-1. Village of Old Field Hazard Area Extent and Location Map 1

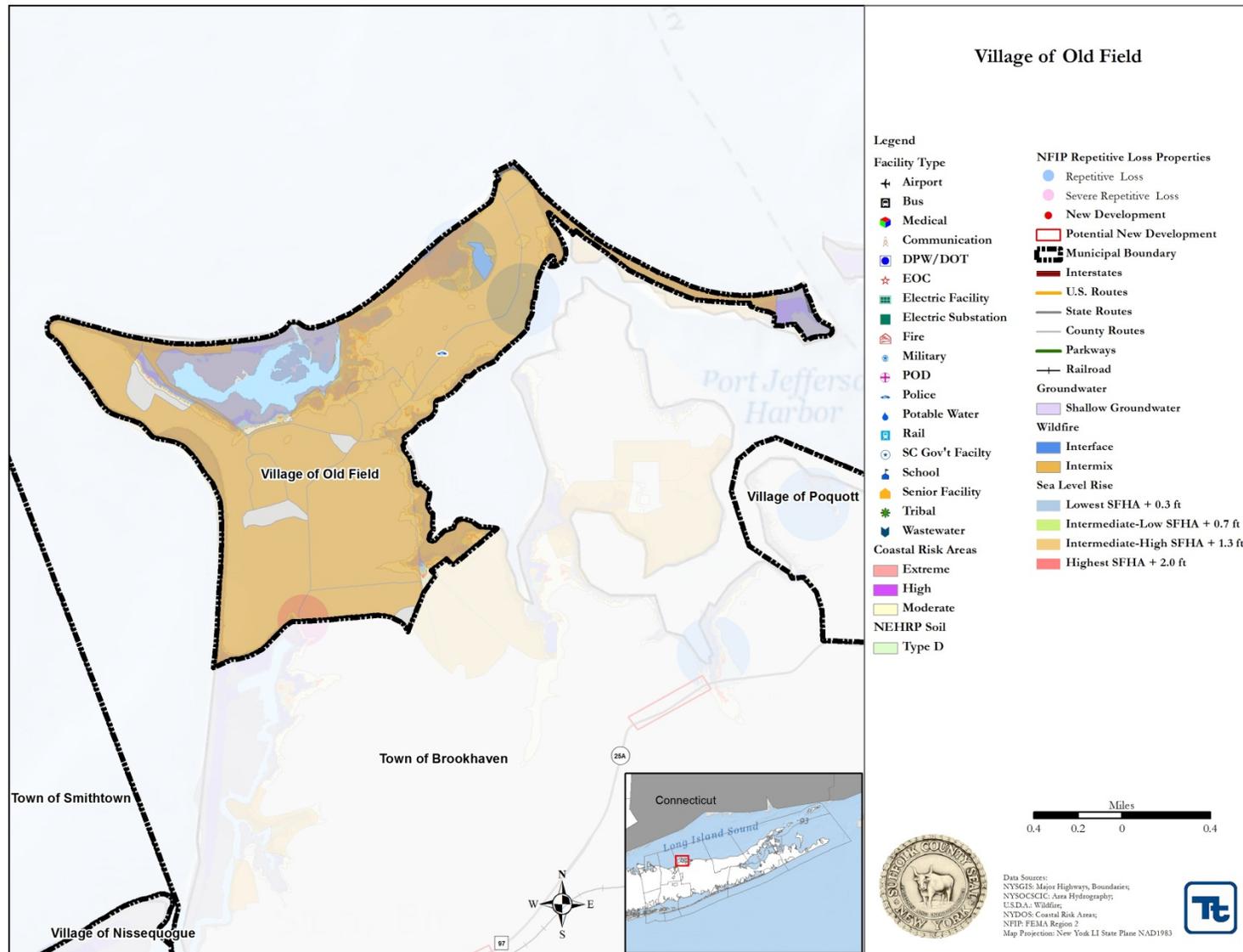




Figure 9.11-2. Village of Old Field Hazard Area Extent and Location Map 2

