

# Village of North Hills Annex

This document presents the Village of North Hills’s annex to the *Nassau County Multi-Jurisdictional Hazard Mitigation Plan*.

## Hazard Mitigation Plan Points of Contact

The individuals below have been identified as this jurisdiction’s points of contact for the hazard mitigation plan. These individuals are members of the Planning Committee that met regularly for the update of this plan and will continue to meet in the years ahead to implement it.

Primary Point of Contact	Alternate Point of Contact
Marvin Natiss, Mayor Village of North Hills One Shelter Rock Road North Hills, NY 11576 mayor@villagenorthhills.com 516-627-3451	Marianne C. Lobaccaro, Administrator Village of North Hills One Shelter Rock Road North Hills, NY 11576 villageadministrator@villagenorthhills.com 516-627-3451

## Profile

The Village of North Hills covers approximately 2.76 square miles<sup>1</sup> and has a total population of 5,969 according to the American Community Survey 5-Year 2018 Estimates. Some of the demographics of the Village of North Hills are summarized in Table 1. This information supported the development of mitigation actions that account for the needs of the most vulnerable individuals in the community.

Table 1: Village of North Hills Demographic Information

Demographic		Demographic	
Below 5 Years Old	3.1%	Black or African American alone	2.6%
Above 65 Years Old	46.1%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	Information not provided	Asian alone	29.4%
Persons in Poverty	0.6%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	13.1%	Two or More Races	0.9%
Without a High School Diploma	1.5%	White alone, not Hispanic or Latino, percent	65.7%
Without Access to Broadband Internet	20.1%	Hispanic or Latino	1.4%

<sup>1</sup> This is inclusive of land area only.

The Village of North Hills Planning Board is currently reviewing plans for a large home development. In the past five years, development in the Village included Ritz Carlton Residences, Dealer Track commercial headquarters, and private homes. Permits have been approved for private property development. The jurisdiction maintains zoning maps and planning teams. By understanding these development trends and how they intersect with hazard-prone areas, this allows for current and future vulnerabilities to be planned for and avoided.

Refer to the **County Profile** section of this plan for additional information related to current and future conditions of the County’s vulnerable population and the natural environment. This information provides important context for understanding hazard mitigation planning.

## Hazard Vulnerability

This section summarizes how the natural hazards profiled in Section 4 of this plan impact the Village of North Hills. The jurisdiction identified Wind as a natural hazard that impacts the community. Table 2 shows the sectors of the community that are most likely to be impacted by each hazard. The categories that were considered included the community, economy, health and social services, housing, infrastructure, natural and cultural resources, or no impact. No impact indicates that the jurisdiction did not identify a noticeable impact from the hazard over the past five years, even if the hazard occurs. This information was used to develop a relevant and effective mitigation strategy for the jurisdiction. Detailed hazard event histories, critical facility exposure, and additional vulnerability information can be found in each hazard profile in Section 4 of this plan.

The hazards that most impact the Village of North Hills include: **Wind**.

Table 2: Village of North Hills Hazard Impacts

Hazard	Impact Categories
Coastal Hazards	No Impact
Drought	No Impact
Extreme Temperatures	No Impact
Flooding	No Impact
Ground Failure	No Impact
Hurricane and Tropical Storms	No Impact
Hail	Housing
Lightning	No Impact
Severe Winter Weather	No Impact
Tornados	No Impact
Wind	Infrastructure

## Capability Assessment

This section summarizes the capabilities that the Village of North Hills has in place that can support hazard mitigation. These capabilities include plans, ordinances, staff, financial resources, and program participation. This Capability Assessment was used to help drive the identification

and development of the projects presented in the Mitigation Strategy to make sure that they are appropriate in scope and achievable to implement.

## Legal and Regulatory Capability Assessment

Table 3 lists the assessment of existing legal and regulatory tools for the Village of North Hills. The Village of North Hills maintains several key administrative and technical capabilities to support mitigation, including building codes, emergency response plans, site plan review requirements, subdivision ordinances, and zoning ordinances. These capabilities are critical to consider as tools in developing and implementing mitigation strategies. To further enhance their mitigation capabilities, the Village might consider the capabilities in the table below labeled “No”. These additional capabilities would either support creating a legal framework or strategy for implementing a diversity of mitigation actions.

*Table 3: Village of North Hills Existing Legal and Regulatory Capabilities*

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	No	Chapter 215
Capital Improvement Plan	No	
Climate Action Plan	No	
Community Development Plan	No	
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	Yes	On the Village’s Website: <a href="http://www.norhills.com">www.norhills.com</a>
Floodplain Management Plan(s)	No	
Growth Management Plan(s)	No	
NFIP Flood Damage Prevention Ordinance(s)	No	
Open Space Plan(s)	No	
Post Disaster Recovery Ordinance(s)	No	
Post Disaster Recovery Plan(s)	No	
Real Estate Disclosure Requirements	No	
Resilience Plan(s)	No	
Site Plan Review Requirement(s)	Yes	Section 179
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	No	
Subdivision Ordinance(s)	Yes	Section 179
Transportation Plan(s)	No	

Regulatory Tool	Yes / No	Citation (if applicable)
Zoning Ordinance(s)	Yes	Section 215

## Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of North Hills. The Village of North Hills' primary administrative and technical capabilities include an emergency manager, a GIS analyst, a construction practices personnel, and natural hazards and land-use planner. The Village can bolster their capabilities in this category by identifying individuals with expertise in engineering.

Table 4: Village of North Hills Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Deputy Mayor Dennis Sgambati, Village Administrator, Marianne C. Lobaccaro
Engineer(s) trained in construction practices related to buildings/infrastructure	No	
Engineer(s) with an understanding of natural and/or human caused hazards	No	
Engineer(s) with knowledge of land development and land management practices	No	
Grant Writers	No	
Personnel skilled or trained in Geographic Information Systems	Yes	Peter A. Cinquemani, RA
Personnel trained in construction practices related to buildings/infrastructure	Yes	Peter A. Cinquemani, RA
Planner(s) with an understanding of natural hazards	Yes	Peter A. Cinquemani, RA
Planner(s) with knowledge of land development and land management practices	Yes	Peter A. Cinquemani, RA
Scientist(s) familiar with natural hazards	No	
Surveyors	No	

## Fiscal Capability Assessment

Table 5 lists the assessment of existing fiscal tools for the Village of North Hills. Funding is often the biggest barrier when implementing mitigation programs. The Village is primarily able to fund mitigation programs by incurring debt through general obligation bonds, private activity bonds,

and special tax bonds, levying taxes for specific purposes, utilizing user fees for utility services, capital improvements project funding, and impact fees for home buyers and/or developers. Village of North Hills should consider exploring additional fiscal capabilities in order to gain access to additional funding for mitigation.

*Table 5: Village of North Hills Existing Fiscal Capabilities*

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	Yes	The Village currently has no debt
Ability to incur debt through private activity bonds	Yes	The Village currently has no debt
Ability to incur debt through special tax bonds	Yes	The Village currently has no debt
Authority to levy taxes for specific purposes	Yes	
Authority to utilize user fees for utility services	Yes	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	Yes	
Community Development Block Grants (CDBG)	No	
Impact fees for home buyers and/or developers	Yes	
State mitigation grant programs	No	

## Community Classification Assessment

Table 6 lists the assessment of existing community classifications for the Village of North Hills. Exploring gaining one or more community classifications will guide the Village's mitigation programs and support capacity building.

*Table 6: Village of North Hills Community Classifications*

Classification	Yes/No (or Status)
Building Code Effectiveness Grading Schedule (BCEGS)	No
Public Protection Classification Program	No
Community Rating System (CRS)	No
Other Classifications	No

## National Flood Insurance Program Summary

This section provides a summary of the floodplain management capabilities for Village of North Hills and how the jurisdiction is meeting the requirements of the National Flood Insurance

Program (NFIP). The Village of North Hills is in an area of minimal flood hazard, according to FEMA flood insurance rate maps.

The Village does not currently have a designated floodplain manager. The Village did not note any current barriers to running a successful NFIP program. The flood maps for this jurisdiction accurately portray the current flood risk. There are currently no RiskMAP projects ongoing in this jurisdiction.

No properties in the jurisdiction have been substantially damaged as a result of recent flood events. North Hills is in good standing with the NFIP. Based on documentation received from NYSDEC, a compliance audit (e.g., Community Assistance Visit or Community Assistance Contacts) has not been conducted for the municipality but the Village will determine if one is needed in the future and schedule it accordingly. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

## Mitigation Strategy

The following section provides an overview of the mitigation strategy for Village of North Hills. It provides an overview of the jurisdiction's previous mitigation actions, proposed actions, and the NYS mitigation worksheets.

### Previous Mitigation Actions

<b>Action</b>	Community Awareness Program - Community outreach to keep residents informed about emergencies.
<b>Risk Category</b>	Extreme weather and other emergencies (all hazards).
<b>Project Status</b>	In progress
<b>Project Status Description</b>	The Village held three disaster preparedness seminars, two on Hurricane Preparedness and one on Winter Weather Hazards. Representatives from PSEGLI, Nassau County Office of Emergency Management and local elected officials were present. The village handed out informational material and supplies.
<b>Carried Forward to 2020 Plan</b>	Yes
<b>Required Changes</b>	No

### Proposed Mitigation Actions

Project Number	VNH_1	VNH_2
<b>Project Name</b>	Hazard Risk and Risk Reduction Awareness Outreach and Education	Tree Maintenance Program
<b>Goal being met</b>	4	3, 5
<b>Hazards to be mitigated</b>	All natural hazards	All natural hazards
<b>Priority Ranking</b>	High	High
<b>Description of the Problem</b>	Various hazards threaten residential and commercial structures. Residents and business owners could benefit from better understanding of hazard - resistance building materials and non structural retrofits that could be completed.	Trees in the community present hazards to roads, residents, utilities and facilities during high wind and rain events several times a year. Downed trees on streets have blocked residents in and denied emergency vehicles access.
<b>Description of the Solution</b>	Establish outreach and education program to raise awareness amongst residents and business owners about disaster resilient construction practices and non-structural retrofits.	Develop a tree maintenance and inventory program that includes an annual tree evaluation survey and suggest mitigation measures to limit future damage caused by natural hazards that bring down limbs and trees.
<b>Critical Facility</b>	No	No

<b>EHP Issues</b>	None	None
<b>Estimated Timeline</b>	1-3 Years	1 Year
<b>Lead Agency</b>	Village of North Hills	Village of North Hills
<b>Estimated Costs</b>	\$10,000 - \$20,000	\$20,000
<b>Estimated Benefits</b>	Reduction in hazard damages resulting from individual-level mitigation activities and resilient building practices.	Property, building, infrastructure and vehicle damage as well as life safety.
<b>Potential Funding Sources</b>	Village Budget	Village Budget



## Mitigation Action Worksheets

The following pages contain mitigation action worksheets that provide additional detail some of the jurisdiction's proposed mitigation actions.

## Nassau County Multi-Jurisdictional Hazard Mitigation Plan

**Name of Jurisdiction:** Incorporated Village of North Hills ]

NYS DHSES Action Worksheet			
Project Name:	Hazard Risk and Risk Reduction Awareness Outreach and Education ]		
Project Number:	VNH_1		
Risk / Vulnerability			
Hazard of Concern:	All-natural hazards ]		
Description of the Problem:	Various hazards threaten residential and commercial structures. Residents and business owners could benefit from better understanding of hazard - resistance building materials and non-structural retrofits that could be completed. ]		
Action or Project Intended for Implementation			
Description of the Solution:	Establish outreach and education program to raise awareness amongst residents and business owners about disaster resilient construction practices and non-structural retrofits. ]		
Is this project related to a Critical Facility?	Yes ]	No ]	x ]
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	N/A – Outreach ]	Estimated Benefits (losses avoided):	Reduction in hazard damages resulting from individual-level mitigation activities and resilient building practices. ]
Useful Life:	Extended increased knowledge ]		
Estimated Cost:	\$10,000-\$25,000 ]		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 3-6 months ]
Estimated Time Required for Project Implementation:	1-3 years ]	Potential Funding Sources:	Village budget ]
Responsible Organization:	Village of North Hills Administration ]	Local Planning Mechanisms to be Used in Implementation, if any:	None ]
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action ]	\$0 ]	]
	Establish new building codes or standards requiring safer building practices ]	Staff Time ]	Would not reduce risk from existing buildings ]
Formulate a phone tree list ]	\$1,000 ]	Too reliant on individual compliance, not centralized ]	
Progress Report (for plan maintenance)			
Date of Status Report:	]		
Report of Progress:	]		
Update Evaluation of the Problem and/or Solution:	]		

## Instructions

(Name of Jurisdiction)

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provide the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	– <i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		

## Nassau County Multi-Jurisdictional Hazard Mitigation Plan

**Name of Jurisdiction:** [ Incorporated Village of North Hills ]

NYS DHSES Action Worksheet			
Project Name:	[ Tree Maintenance Program ]		
Project Number:	[ VNH_2 ]		
Risk / Vulnerability			
Hazard of Concern:	[ All natural hazards ]		
Description of the Problem:	[ Trees in the community present hazards to roads, residents, utilities and facilities during high wind and rain events several times a year. Downed trees on streets have blocked residents in and denied emergency vehicles access. ]		
Action or Project Intended for Implementation			
Description of the Solution:	[ Develop a tree maintenance and inventory program that includes an annual tree evaluation survey and suggest mitigation measures to limit future damage caused by natural hazards that bring down limbs and trees. ]		
Is this project related to a Critical Facility?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
[ (If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.) ]			
Level of Protection:	[ All severe wind events; reduction in damages from annual events ]	Estimated Benefits (losses avoided):	[ Property, building, infrastructure and vehicle damage as well as life safety. ]
Useful Life:	[ 20-30 years ]		
Estimated Cost:	[ \$20,000 ]		
Plan for Implementation			
Prioritization:	[ High ]	Desired Timeframe for Implementation:	[ Within 6 months ]
Estimated Time Required for Project Implementation:	[ 12-36 Months ]	Potential Funding Sources:	[ Village budget ]
Responsible Organization:	[ Village of North Hills Administration ]	Local Planning Mechanisms to be Used in Implementation, if any:	[ None ]
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	[ No Action ]	[ \$0 ]	[ ]
	[ Send Village maintenance staff to complete one-time pruning. ]	[ \$5,000-\$10,000 ]	[ Does not provide long-term risk reduction ]
	[ Establish Village tree maintenance standards for residents and businesses ]	[ Staff Time ]	[ Political feasibility isn't clear ]
Progress Report (for plan maintenance)			
Date of Status Report:	[ ]		
Report of Progress:	[ ]		
Update Evaluation of the Problem and/or Solution:	[ ]		

## Instructions

(Name of Jurisdiction) \_\_\_\_\_

NYS DHSES Action Worksheet			
Project Name:	Each action must have a unique project number referenced here and in the Action Tables.		
Project Number:	Each action must have a unique project name referenced here and in the Action Tables.		
Risk / Vulnerability			
Hazard of Concern:	Identify the hazard being addressed with this action.		
Description of the Problem:	Provide a detailed narrative of the problem. Describe the natural hazard you wish to mitigate, its impacts to the jurisdiction, past damages and loss of service, etc. Include the street address of the property/project location (if applicable), adjacent streets, and easily identified landmarks such as water bodies and well-known structures, and end with a brief description of existing conditions (topography, terrain, hydrology) of the site.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a detailed narrative of the solution. Describe the physical area (project limits) to be affected, both by direct work and by the project's effects; how the action would address the existing conditions previously identified; proposed construction methods, including any excavation and earth-moving activities; where you are in the development process (e.g., are studies and/or drawings complete), etc., the extent of any analyses or studies performed (attach any reports or studies).		
Is this project related to a Critical Facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Identify the level of protection the proposed project will provide. Ex. 100-year (1%) flood.	Estimated Benefits (losses avoided):	Identify the benefits that implementation of this project will provide. If dollar amounts are known, include them. If dollar amounts are unknown or are unquantifiable, describe the losses that will be avoided.
Useful Life:	Identify the number of years the project will provide protection against the hazard.		
Estimated Cost:	Identify all estimated costs associated with implementation.		
Plan for Implementation			
Prioritization:	Identify the priority based on the prioritization method agreed upon.	Desired Timeframe for Implementation:	Identify the desired start time for this project. Ex. Within 6 months.
Estimated Time Required for Project Implementation:	Provided the estimated time required to complete the project from start to end.	Potential Funding Sources:	Multiple sources of potential funding should be listed when appropriate.
Responsible Organization:	Identify the name of a department or agency responsible for implementation, not the jurisdiction.	Local Planning Mechanisms to be Used in Implementation, if any:	Consider the use of local planning mechanisms that will be used to implement this project.
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Alternative 1 Brief Description		Include a description of pros/cons of Alternative 1.
	Alternative 2 Brief Description		Include a description of pros/cons of Alternative 2.
Progress Report (for plan maintenance)			
Date of Status Report:	This section should be completed during plan maintenance/evaluation.		
Report of Progress:	Describe what progress, if any, has been made on this project. If it has been determined the jurisdiction no longer wishes to pursue implementation, state that here and indicate why.		
Update Evaluation of the Problem and/or Solution:	Provide an updated description of the problem and solution, and what has happened since initial consideration/development.		