

# Village of Mineola Annex

This document presents the Village of Mineola’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
Scott P. Strauss, Mayor Village of Mineola 155 Washington Avenue Mineola, New York 11501 info@mineola-ny.gov 516-746-0750	Thomas J. Rini, Superintendent of Public Works Village of Mineola 155 Washington Avenue Mineola, New York 11501 trini@mineola-ny.gov 516-746-0750

## Profile

The Village of Mineola covers approximately 1.88 square miles<sup>1</sup> and has a total population of 19,207 according to the American Community Survey 5-Year 2018 Estimates. Some of the demographics of the Village of Mineola 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 Mineola Demographic Information

Demographic	Demographic
Below 5 Years Old	5.6%
Above 65 Years Old	17.5%
Individuals with Disabilities	2.9%
Persons in Poverty	4.3%
Renters	34.8%
Without a High School Diploma	9.2%
Without Access to Broadband Internet	12.2%
Black or African American alone	2.3%
American Indian and Alaska Native alone	0.1%
Asian alone	9.1%
Native Hawaiian and other Pacific Islander alone	0.0%
Two or More Races	2.3%
White alone, not Hispanic or Latino, percent	68.3%
Hispanic or Latino	18.7%

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

The Village of Mineola has been completely developed with regards to open space land. Residential properties have been re-developed to increase size of existing residential structures and building out to existing code limits based upon property size. The commercial re-development that is currently occurring is similar. Developers are replacing existing structures with new structures, and increasing height and density. The Village created an "Incentive Zoning District" in a portion of the commercial/business area, allowing developers to bypass traditional zoning requirements and to bring their plans to the Village Board for review and approval. Developers see project review and approval time reduced, and save money otherwise spent on various steps of the approval process. In exchange, the Village is able to negotiate with developers for various amenities and infrastructure improvements to improve the areas surrounding the proposed development and other Village facilities, such as park improvements, fire protection, water, sanitary sewer and street lighting utility improvements.

Current growth in the Village of Mineola is comprised of the addition of 4 new luxury apartment complexes, which adds approximately 1,300 apartment units, the MTA-LIRR Third Track construction, which effects all utilities and main roadways, and the construction of 2 parking garage facilities for approximately 900 vehicles. NYU Winthrop University Hospital added a Research Facility and is planning major redevelopment of the hospital to include a "New Life Center", parking garage, new logistics and supply facility and major redevelopment of the main hospital building. The only future development is existing land that's being repurposed. 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 Mineola. The jurisdiction identified Hurricane, Lightning, Wind as the hazards that impact the community most. 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 Mineola include:

**Hurricane, Lightning, and Wind.**

*Table 2: Village of Mineola Hazard Impacts*

Hazard	Impact Categories
Coastal Hazards	No Impact

Hazard	Impact Categories
Drought	Community, Economy, Health and Social Services, Natural and Cultural Resources
Extreme Temperatures	Community, Health and Social Services, Housing, Infrastructure, Natural and Cultural Resources
Flooding	Community, Economy, Housing, Infrastructure
Ground Failure	No Impact
Hurricane and Tropical Storms	Community, Economy, Health and Social Services, Housing, Infrastructure, Natural and Cultural Resources
Hail	Community, Economy, Housing, Infrastructure, Natural and Cultural Resources
Lightning	Community, Housing, Infrastructure
Severe Winter Weather	Community, Economy, Health and Social Services, Housing, Infrastructure, Natural and Cultural Resources
Tornados	No Impact
Wind	No Impact

### Capability Assessment

This section summarizes the capabilities that the Village of Mineola 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 existing legal and regulatory tools for the Village of Mineola. The Village of Mineola maintains several key administrative and technical capabilities to support mitigation, including building codes, emergency response plans, NFIP flood damage prevention ordinances, site plan review requirements, stormwater management plans, 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 can consider the capabilities in the table below that the Village currently does not have. These additional capabilities would either support creating a legal framework or strategy for implementing a diversity of mitigation actions.

Table 3: Village of Mineola Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	Village Code, Multiple Chapters
Capital Improvement Plan	No	
Climate Action Plan	No	

Regulatory Tool	Yes / No	Citation (if applicable)
Community Development Plan	No	
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	Yes	Emergency Management Plan
Floodplain Management Plan(s)	No	
Growth Management Plan(s)	No	
NFIP Flood Damage Prevention Ordinance(s)	Yes	Village Code Chapter 279
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	Village Code
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	Village Code – Stormwater Management Chapters 198 and 454
Subdivision Ordinance(s)	Yes	Village Code
Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	Village Code Chapter 550

## Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Mineola. The Village of Mineola's primary administrative and technical capabilities include an emergency manager and a construction practices personnel. The Village can bolster their capabilities in this category by identifying individuals with expertise in land use and natural hazards (specifically related to flooding).

Table 4: Village of Mineola Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Thomas J. Rini, Superintendent of Public Works
Engineer(s) trained in construction practices related to buildings/infrastructure	No	

Staff / Personnel Resource	Yes / No	Details
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	No	
Personnel trained in construction practices related to buildings/infrastructure	Yes	Daniel B. Whalen, Superintendent of Building Department
Planner(s) with an understanding of natural hazards	No	
Planner(s) with knowledge of land development and land management practices	No	
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 Mineola. 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 and special tax bonds, utilizing user fees for utility services, capital improvements project funding, and CDBG programs. Village of Mineola should consider explore additional fiscal capabilities in order to gain access to additional funding for mitigation.

*Table 5: Village of Mineola Existing Fiscal Capabilities*

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	Yes	General Obligation Bonds for Infrastructure Improvements or equipment purchases
Ability to incur debt through private activity bonds	No	
Ability to incur dept through special tax bonds	Yes	Tax Anticipation Bonds for Capital Projects and Equipment purchases
Authority to levy taxes for specific purposes	No	
Authority to utilize user fees for utility services	Yes	Water Rates
Authority to withhold public expenditures in hazard prone areas	No	

Capital improvements project funding	Yes	
Community Development Block Grants (CDBG)	Yes	Handicap Accessibility Capital Improvement Projects
Impact fees for home buyers and/or developers	No	
State mitigation grant programs	No	

## Community Classification Assessment

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

*Table 6: Village of Mineola 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 Mineola and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Residential properties in low lying areas in the Village are prone to flooding caused by stormwater run off, but no properties in the jurisdiction have been substantially damaged as a result of recent flood events.

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

The Village of Mineola 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. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

The Village installs new storm water drainage systems to mitigate future losses due to flooding. The Flood Damage Prevention Ordinance was last amended 09/19/2007 and can be referenced in Chapter 279, L.L. No. 3-2007.

## Mitigation Strategy

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

### Previous Mitigation Actions

<b>Action</b>	Village Hall & Community Center - Provide the Village Hall and Community Center with a fixed, emergency generator to ensure continued service to the Hall and Community Center during a storm or emergency event.	Department of Public Works (DPW) - Provide the DPW with two fixed, emergency generators: one outside the DPW Garage and one outside the DPW office. These proposed generators will ensure the continued emergency service or storm response capabilities of the DPW in a storm or emergency event.
<b>Risk Category</b>	Loss of power	Frequent Loss of Power
<b>Project Status</b>	Completed	Completed
<b>Project Status Description</b>	Done	Done
<b>Carried Forward to 2020 Plan</b>	No	No
<b>Required Changes</b>		

## Proposed Mitigation Actions

Project Number	VMI_1	VMI_2	VMI_3
Project Name	2-way communications	Well 1 Generator	Well 4 Generator
Goal being met	2	2, 3, 5	2, 3, 5
Hazards to be mitigated	Hurricanes, Severe Winter Weather, and other storms	Hurricanes, Severe Winter Weather, and other storms	Hurricanes, Severe Winter Weather, and other storms
Priority Ranking	High	High	High
Description of the Problem	Outdated Radio System	During loss of power the Village needs to be able to power up publicly owned water wells to supply water to residents.	During times of loss of power, the Village needs the ability to power up publicly owned water wells to supply water to residents.
Description of the Solution	New Radio System	install new generator	A new generator that is powered with natural gas and comes on automatically.
Critical Facility	No	Yes	Yes
EHP Issues	No	No	No
Estimated Timeline	5 Years	4 Years	3 Years
Lead Agency	Village of Mineola	Village of Mineola	Village of Mineola
Estimated Costs	\$25,000	\$400,000	\$400,000
Estimated Benefits	communication	Avoid purchasing clean drinking water	Avoid purchasing clean drinking water
Potential Funding Sources	Village Budget	Village of Mineola Water Department Fund	Village of Mineola water department fund

## **Mitigation Action Worksheets**

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

## WorekiNassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Village of Mineola "Village" |

NYS DHSES Action Worksheet			
Project Name:	Well 4 generator		
Project Number:	VMI_3		
Risk / Vulnerability			
Hazard of Concern:	Hurricanes, blizzards and other storms		
Description of the Problem:	During times of loss of power, the Village needs the ability to power up publicly owned water wells to supply water to residents.		
Action or Project Intended for Implementation			
Description of the Solution:	A new generator that is powered with natural gas and comes on automatically.		
Is this project related to a Critical Facility?	Yes	<input checked="" 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:	Any power outage	Estimated Benefits (losses avoided):	Avoid purchasing clean drinking water
Useful Life:	20 Years		
Estimated Cost:	\$400,000.00		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 6 Months
Estimated Time Required for Project Implementation:	3 Years	Potential Funding Sources:	Village of Mineola water department fund
Responsible Organization:	Village of Mineola	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	Stock pile water	\$0	Not able to provide enough water to meet the demand
	Portable generators	Thousands of dollars	Best option
	No Action	\$0	
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: Village of Mineola

NYS DHSES Action Worksheet			
Project Name:	Well 1 generator		
Project Number:	VMI_2		
Risk / Vulnerability			
Hazard of Concern:	Hurricanes, blizzard and other storms		
Description of the Problem:	During loss of power the Village needs to be able to power up publicly owned water wells to supply water to residents.		
Action or Project Intended for Implementation			
Description of the Solution:	A new generator powered with natural gas and that comes on automatically		
Is this project related to a Critical Facility?		Yes <input checked="" 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:	Any power outage	Estimated Benefits (losses avoided):	Avoid purchasing clean drinking water
Useful Life:	20 Years		
Estimated Cost:	\$400,000.00		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 6 Months
Estimated Time Required for Project Implementation:	3 Years	Potential Funding Sources:	Village of Mineola Water Department Fund
Responsible Organization:	Village of Mineola	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	Stockpile water	\$0	Not a able to provide enough water for demand
	Portable generators	Thousands of dollars	Best option
	No Action	\$0	
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.		