

# Village of Lynbrook Annex

This document presents the Village of Lynbrook’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
Rob Cribbin, Emergency Manager Village of Lynbrook One Columbus Drive Lynbrook, NY 11563 rcribbin@lynbrookvillage.com 516-805-5440	Alan C. Beach, Mayor Village of Lynbrook One Columbus Drive Lynbrook, NY 11563 abeach@lynbrookvillage.com 516.599.8300

## Profile

The Village of Lynbrook covers approximately 2.01 square miles<sup>1</sup> and has a total population of 19,448 according to the American Community Survey 5-year 2018 Estimates. Some of the demographics of the Village of Lynbrook 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 Lynbrook Demographic Information

Demographic		Demographic	
Below 5 Years Old	5.0%	Black or African American alone	4.0%
Above 65 Years Old	18.8%	American Indian and Alaska Native alone	0.8%
Individuals with Disabilities	4.5%	Asian alone	2.7%
Persons in Poverty	3.6%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	26.3%	Two or More Races	2.8%
Without a High School Diploma	6.3%	White alone, not Hispanic or Latino, percent	69.4%
Without Access to Broadband Internet	13.5%	Hispanic or Latino	22.4%

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

There is no vacant or developable property in the Village. By understanding 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 Lynbrook. The jurisdiction identified Lightning, Severe Winter Weather, and Wind as the hazards that most impact 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 Lynbrook include:

**Lightning, Severe Winter Weather, and Wind.**

Table 2: Village of Lynbrook 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	No Impact
Lightning	Infrastructure
Severe Winter Weather	Community
Tornados	No Impact
Wind	Community

## Capability Assessment

This section summarizes the capabilities that the Village of Lynbrook 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 Lynbrook. The Village of Lynbrook maintains several key administrative and technical capabilities to support mitigation, including access and functional needs plans, building codes, capital improvement plans, community development 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 it 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 Lynbrook Existing Legal and Regulatory Capabilities*

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	Yes	ADA Guide
Building Code	Yes	NYS Building and Fire Prevention Code
Capital Improvement Plan	Yes	20/21 Village Budget
Climate Action Plan	No	
Community Development Plan	Yes	5 Year Plan-NCOHCD
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	No	
Floodplain Management Plan(s)	No	
Growth Management Plan(s)	No	
NFIP Flood Damage Prevention Ordinance(s)	Yes	Lynbrook Building Code
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	Chapter 252 Village Code
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	NYSDEC
Subdivision Ordinance(s)	Yes	Village Code Chapter 209

Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	Chapter 252 Village Code

## Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Lynbrook. The Village of Lynbrook has a high level of primary administrative and technical capabilities to support mitigation. This includes management, administration, grant writing, engineering, construction, analysis, and planning. Increasing training capacity and expertise of these individuals will support mitigation practice in the City.

Table 4: Village of Lynbrook Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Emergency Management Officer and Deputy
Engineer(s) trained in construction practices related to buildings/infrastructure	Yes	Village Engineer
Engineer(s) with an understanding of natural and/or human caused hazards	Yes	Village Engineer
Engineer(s) with knowledge of land development and land management practices	Yes	Village Engineer
Grant Writers	Yes	Village Administrator
Personnel skilled or trained in Geographic Information Systems	Yes	DPW Superintendent
Personnel trained in construction practices related to buildings/infrastructure	Yes	Building Superintendent
Planner(s) with an understanding of natural hazards	Yes	Building Superintendent
Planner(s) with knowledge of land development and land management practices	Yes	Building Superintendent
Scientist(s) familiar with natural hazards	No	
Surveyors	Yes	Village Engineer

## Fiscal Capability Assessment

Table 5 lists the assessment of existing fiscal tools for the Village of Lynbrook. 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, levying taxes for specific purposes, capital improvements project funding, CDBG programs, impact fees for home buyers and/or developers, and state mitigation grant programs. Village of Lynbrook should consider explore additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Lynbrook Existing Fiscal Capabilities

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	Yes	Infrastructure Impts.
Ability to incur debt through private activity bonds	Yes	Have ability but not exercised
Ability to incur dept through special tax bonds	Yes	Have ability but not exercised
Authority to levy taxes for specific purposes	Yes	All Operations
Authority to utilize user fees for utility services	No	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	Yes	2020/2021 Village Budget
Community Development Block Grants (CDBG)	Yes	44th Year
Impact fees for home buyers and/or developers	Yes	Have ability but not exercised
State mitigation grant programs	Yes	GOSR Mill River

## Community Classification Assessment

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

Table 6: Village of Lynbrook 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 Lynbrook and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Any special flood hazard areas that have a 1% annual chance of flooding, as depicted on FEMA's flood insurance rate maps, are considered flood-prone. There are also a couple other areas in the Village that flood due to inadequate street drainage.

The Village's Building Superintendent is responsible for floodplain management. The Village administers the NFIP through site inspections. 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.

After flood events, substantial damage determinations are made through in-person site inspections. No properties in the jurisdiction have been substantially damaged as a result of recent flood events. The Village of Lynbrook is in good standing with the NFIP. Based on documentation received from NYSDEC, a compliance audit in the form of a Community Assistance Visit was conducted in the Village on 07/26/2006. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

The Village has utilized a grant available through the Governor's Office of Storm Recovery to perform some flood mitigation in the past. The Flood Damage Prevention Ordinance was last amended 2009 and can be referenced in Section 130 Village Code.

## Mitigation Strategy

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

### Previous Mitigation Actions

<b>Action</b>	<p>Install permanent generators at the following locations:            189 Earle Avenue, Lynbrook, NY 11563            216 Denton Avenue, Lynbrook, NY 11563            34 Carpenter Avenue, Lynbrook, NY 11563            35 Blake Avenue, Lynbrook, NY 11563            160 Vincent Avenue, Lynbrook, NY 11563            87 Horton Avenue, Lynbrook, NY 11563</p> <p>These generators will have sufficient capacity to allow the Fire Stations to quickly respond to the Community's needs.</p>	<b>Emergency generator power for critical village facilities</b>
<b>Risk Category</b>	Extreme weather events causing loss of power	Extreme weather events causing loss of power
<b>Project Status</b>	Partially in progress	In progress
<b>Project Status Description</b>	87 Horton Ave has been completed and the other installations are in progress.	
<b>Carried Forward to 2020 Plan</b>	yes	yes
<b>Required Changes</b>	Cost estimate should be set at \$200,000 (privately owned firehouses).	Updated cost Estimate is \$150,000. This will replace a 50-year old unit.

## Proposed Mitigation Actions

Project Number	VLK_1	VLK_2
Project Name	Fire Station Emergency Generator	Police Station Emergency Generator
Goal being met	1, 2, 3	1, 2, 3
Hazards to be mitigated	Power failure	Power failure
Description of the Problem	The Village Fire Station lacks back-up power and loses significant functionality during power outages - even something as simple as raising the garage doors can become a significant burden.	The risk of flooding or other disaster causing an electrical blackout or brownout at the Lynbrook police station. The existing standby generator is fifty-years-old and does not activate all electrical circuits in the building at 1 Columbus Drive, Lynbrook. Electric failure can impact law enforcement functions.
Description of the Solution	Installation of a back-up generator with automatic switch to provide power when power outages regardless of the cause of occurrence.	Replacement of the existing standby generator with an upgraded unit to prevent power outages at the Village Hall, Village Offices, and Police Station.
Critical Facility	Yes	Yes
EHP Issues	N/A	N/A
Estimated Timeline	6 Months	6 Months
Lead Agency	Village of Lynbrook	Village of Lynbrook
Estimated Costs	\$150000	\$150000
Estimated Benefits	This project would decrease the amount of property and social service loss which is projected to be \$100,000 per annum in property losses; in addition to \$1,000,000 in health and safety due to potential lack of or delay in police responses	This project would decrease the amount of property and social service loss which is projected to be \$100,000 per annum in property losses; in addition to \$1,000,000 in health and safety due to potential lack of or delay in police responses
Potential Funding Sources	FEMA HMA Funding	Village Administrator, FEMA HMA Funding



## 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: Village of Lynbrook

NYS DHSES Action Worksheet			
Project Name:	Fire Station Emergency Generator		
Project Number:	1		
Risk / Vulnerability			
Hazard of Concern:	Power failure		
Description of the Problem:	The Village Fire Station lacks back-up power and loses significant functionality during power outages - even something as simple as raising the garage doors can become a significant burden.		
Action or Project Intended for Implementation			
Description of the Solution:	Installation of a back-up generator with automatic switch to provide power when power outages regardless of the cause of occurrence.		
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:	Protects against multiple hazards that can cause power outages	Estimated Benefits (losses avoided):	This project would decrease the amount of property and social service loss which is projected to be \$100,000 per annum in property losses; in addition to \$1,000,000 in health and safety due to potential lack/delay in police responses
Useful Life:	50 years		
Estimated Cost:	\$150,000.		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Immediate / within 1 year
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	Village Administrator and FEMA HMA Funding
Responsible Organization:	Village of Lynbrook	Local Planning Mechanisms to be Used in Implementation, if any:	Design is completed by locality; planning and design
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Solar panels	\$900,000	This action would not be effective due to a lack of battery storage
	Windmills	\$5,000,000	This action is not feasible due to cost and lack of space for windmills and battery storage
Progress Report (for plan maintenance)			
Date of Status Report:	July 7, 2020		
Report of Progress:	In progress; Design completed		
Update Evaluation of the Problem and/or Solution:	Same as described; no change		

## Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Village of Lynbrook

NYS DHSES Action Worksheet			
Project Name:	Police Station Emergency Generator		
Project Number:	2		
Risk / Vulnerability			
Hazard of Concern:	Power failure		
Description of the Problem:	The risk of flooding or other disaster causing an electrical blackout or brownout at the Lynbrook police station. The existing standby generator is fifty-years-old and does not activate all electrical circuits in the building at 1 Columbus Drive, Lynbrook. Electric failure can impact law enforcement functions.		
Action or Project Intended for Implementation			
Description of the Solution:	Replacement of the existing standby generator with an upgraded unit to prevent power outages at the Village Hall, Village Offices, and Police Station.		
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:	Protects against multiple hazards that can cause power outages.	Estimated Benefits (losses avoided):	This project would decrease the amount of property and social service loss which is projected to be \$100,000 per annum in property losses; in addition to \$1,000,000 in health and safety due to potential lack of or delay in police responses
Useful Life:	50 years		
Estimated Cost:	\$150,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Immediate / within 1 year
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	Village Administrator, FEMA HMA Funding
Responsible Organization:	Village of Lynbrook	Local Planning Mechanisms to be Used in Implementation, if any:	Design is completed by locality; planning and design
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	
	Solar panels	\$900,000	This action would not be effective due to the lack of battery storage
	Windmills	\$5,000,000	This action is not feasible due to cost and lack of space for windmills and battery storage
Progress Report (for plan maintenance)			
Date of Status Report:	July 7, 2020		
Report of Progress:	In progress; The design has been completed		

Update Evaluation of  
the Problem and/or  
Solution:

Same as described; no change |

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