

Village of Westbury Annex

This document presents the Village of Westbury’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
Pasquale Iannucci, Deputy Superintendent Village of Westbury piannucci@villageofwestbury.org 516-334-0062	John Bartunek, Chief at Westbury Fire Department Village of Westbury jbartunek@westburyfd.com 516-334-0062

Profile

The Village of Westbury covers approximately 2.37 square miles¹ and has a total population of 15,351 according to the American Community Survey 5-Year 2018 Estimates. Some of the demographics of the Village of Westbury 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 Westbury Demographic Information

Demographic		Demographic	
Below 5 Years Old	4.4%	Black or African American alone	26.0%
Above 65 Years Old	17.2%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	4.0%	Asian alone	11.5%
Persons in Poverty	7.0%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	24.8%	Two or More Races	6.5%
Without a High School Diploma	15.0%	White alone, not Hispanic or Latino, percent	36.2%
Without Access to Broadband Internet	13.6%	Hispanic or Latino	25.7%

¹ This is inclusive of land area only.

The Village of Westbury has seen very little development over the last five years; however, the Village is expecting to see an increase in residential buildings over the next five to ten years. 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 Westbury. The jurisdiction noted that Hurricane, Severe Winter Weather, and Wind 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 Westbury include: **Hurricane, Severe Winter Weather, and Wind.**

Table 2: Village of Westbury 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	Community, Housing, Infrastructure
Hail	No Impact
Lightning	Community, Housing
Severe Winter Weather	Community, Infrastructure
Tornados	No Impact
Wind	Community, Infrastructure

Capability Assessment

This section summarizes the capabilities that the Village of Westbury 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 Westbury. The Village of Westbury maintains several key administrative and technical capabilities to support mitigation, including building codes, community development plans, comprehensive/master plans, 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 Westbury Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	Chapter 7 of Village Code
Capital Improvement Plan	No	
Climate Action Plan	No	
Community Development Plan	Yes	Not formal by code but we have various programs
Comprehensive Plan / Master Plan	Yes	Yes, but not in code and can be viewed at village Clerk's office
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)	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	Chapter 248, Article XXVIII of the Village Code
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	Chapter 213 of Village Code

Regulatory Tool	Yes / No	Citation (if applicable)
Subdivision Ordinance(s)	Yes	Chapter 218 of Village Code
Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	Chapter 248

Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Westbury. The Village of Westbury's primary administrative and technical capabilities include a GIS analyst and construction practices personnel. The Village can bolster their capabilities in this category by identifying individuals with expertise in emergency management and engineering.

Table 4: Village of Westbury Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	No	
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	Sr. Building Inspector
Personnel trained in construction practices related to buildings/infrastructure	Yes	Sr. building Inspector
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 Westbury. 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, CDBG programs, and state mitigation grant programs. Village of Westbury should consider explore additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Westbury Existing Fiscal Capabilities

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	Yes	Village regularly puts out bonds for road improvement
Ability to incur debt through private activity bonds	No	
Ability to incur dept through special tax bonds	No	
Authority to levy taxes for specific purposes	No	
Authority to utilize user fees for utility services	No	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	No	
Community Development Block Grants (CDBG)	Yes	We use CDBG funds for road improvements and to fund senior programs
Impact fees for home buyers and/or developers	No	
State mitigation grant programs	Yes	If available

Community Classification Assessment

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

Table 6: Village of Westbury 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 Westbury and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP).

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 do not accurately portray the current flood risk. There are currently no RiskMAP projects ongoing in this jurisdiction.

The Village of Westbury 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 Flood Damage Prevention Ordinance was last amended 11/06/2008 and reference of this ordinance is not available.

Mitigation Strategy

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

Previous Mitigation Actions

Action	Install Permanent Generator. It will have sufficient capacity to allow Westbrook Preparatory School to operate with no interruption to services.
Risk Category	High wind events and winter storms have caused the widespread loss of electrical power, including power to Westbrook Preparatory School
Project Status	Completed
Project Status Description	The generator was installed at their location.
Carried Forward to 2020 Plan	No
Required Changes	N/A (Completed)

Proposed Mitigation Actions

Project Number	VWY_1	VWY_2
Project Name	Road Work Project	Tree maintenance program
Goal being met	3	5
Hazards to be mitigated	Sink hole, flooding	Wind, hurricane
Priority Ranking	High	High
Description of the Problem	Village roads experience drainage issues during heavy rainfalls and the road surfaces are degrading due to hazards such as sink holes that cause collapsed roads.	High winds cause trees to fall damaging property and roads and blocking the public right of way
Description of the Solution	Mill and pave approximately 43 miles of village roads. These repairs are programmed and budgeted on annual basis. Research sinkhole prevention and solutions. Install catch basins capable of storing more rainwater so streets will not be flooded. Consult with an engineer to understand options and solutions for mitigating roads against flooding and sinkholes.	Develop a tree mitigation plan to assess and monitor the health of trees, including regular pruning and removal of trees
Critical Facility	No	No
EHP Issues	Yes	Yes
Estimated Timeline	4 Years	Ongoing
Lead Agency	Department of Public Works	Department of Public Works
Estimated Costs	\$200,0000	\$50,000 - /485,000
Estimated Benefits	New Roads	Safe trees
Potential Funding Sources	Grants, CHIPS, bonds	Grants, CHIPS, bonds

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 Westbury

NYS DHSES Action Worksheet			
Project Name:	Pavement Management Project		
Project Number:	VWY_1		
Risk / Vulnerability			
Hazard of Concern:	Flooding, sink holes		
Description of the Problem:	Village roads experience drainage issues during heavy rainfalls and the road surfaces are degrading due to hazards such as sink holes that cause collapsed roads.		
Action or Project Intended for Implementation			
Description of the Solution:	Mill and pave approximately 43 miles of Village roads. These repairs are programmed and budgeted on annual basis. Research sinkhole prevention and solutions. Install catch basins capable of storing more rain water so streets will not be flooded. Consult with an engineer to understand options and solutions for mitigating roads against flooding and sinkholes.		
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:	Heavy rainstorms and reoccurring sink holes	Estimated Benefits (losses avoided):	Less ponding, flooding
Useful Life:	15-18 years		
Estimated Cost:	\$2,000,000		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Four years
Estimated Time Required for Project Implementation:	Five years	Potential Funding Sources:	CHIPS, Grant funding, bonds
Responsible Organization:	Department of Public Works	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>
	No Action	\$0	
	Basin Cleaning	\$50,000	Cleaning the basins would help with the flooding but it's a temporary fix. This would take two years.
	Only mill and pave 43 miles of village roads.	\$1,000,000	Does not fully address the repetitive flooding issues.
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 Westbury

NYS DHSES Action Worksheet			
Project Name:	Tree maintenance program		
Project Number:	VWY_2		
Risk / Vulnerability			
Hazard of Concern:	High winds from thunderstorms and hurricanes		
Description of the Problem:	High winds cause trees to fall damaging property and roads and blocking the public right of way		
Action or Project Intended for Implementation			
Description of the Solution:	Develop a tree mitigation plan to asses and monitor the health of trees, including regular pruning and removal of dangerous trees.		
Is this project related to a Critical Facility?		Yes	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:	High winds caused by thunderstorms and hurricanes	Estimated Benefits (losses avoided):	Long lasting healthy trees, good for the environment and safe.
Useful Life:	20-25 years		
Estimated Cost:	\$50,000 - \$85,000		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	One year
Estimated Time Required for Project Implementation:	Ongoing	Potential Funding Sources:	CHIPS, Grants, Bonds
Responsible Organization:	Department of Public Works	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>
	No Action	\$0	
	Education campaign for residents	N/A	Residents can conduct their own research to monitor trees
	Tree planting	\$5,000 - \$10,000	New smaller trees will be planted that do not pose any real serious hazard.
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.		