

Village of Oyster Bay Cove Annex

This document presents the Village of Oyster Bay Cove’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
Charles Goulding, Mayor Village Of Oyster Bay Cove 68 West Main Street PO Box 66 Oyster Bay, NY 11771 oysterbaycove@optonline.net 516-922-1016	Ted Von Briesen, Public Works Commissioner Village Of Oyster Bay Cove 68 West Main Street PO Box 66 Oyster Bay, NY 11771 oysterbaycove@optonline.net 516-922-1016

Profile

The Village of Oyster Bay Cove covers approximately 4.20 square miles¹ and has a total population of 2,140 according to the American Community Survey 5-year 2018 Estimates. Some of the demographics of the Village of Oyster Bay Cove 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 Oyster Bay Cove Demographic Information

Demographic		Demographic	
Below 5 Years Old	3.2%	Black or African American alone	2.7%
Above 65 Years Old	20.0%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	Information not provided	Asian alone	9.4%
Persons in Poverty	0.4%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	6.3%	Two or More Races	0.6%
Without a High School Diploma	1.5%	White alone, not Hispanic or Latino, percent	80.9%

¹ This is inclusive of land area only.

Demographic		Demographic	
Without Access to Broadband Internet	0.0%	Hispanic or Latino	1.7%

The growth trends in the Village include residential renovations, as well as reconstruction with ongoing new single-family homes construction and lot partitioning. The Village of does not zone in floodplains or wetlands. 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 Oyster Bay Cove. The jurisdiction identified Coastal Hazards, Flooding, and Hurricane as natural hazards that 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 Oyster Bay Cove include: **Coastal Hazards, Flooding, and Hurricane.**

Table 2: Village of Oyster Bay Cove Hazard Impacts

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

Capability Assessment

This section summarizes the capabilities that the Village of Oyster Bay Cove 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 Oyster Bay Cove. The Village maintains several key administrative and technical capabilities to support mitigation, including building codes, capital improvement plans, emergency response plans, floodplain management plans, NFIP flood damage prevention ordinances, site plan review requirements, special purpose ordinances, 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 Oyster Bay Cove Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	2020 Codes of NY State Based on ICC
Capital Improvement Plan	Yes	Capital Improvement Budget
Climate Action Plan	No	
Community Development Plan	No	
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	Yes	Village Code Chaper 22
Floodplain Management Plan(s)	Yes	Village Code Chaper 320
Growth Management Plan(s)	No	
NFIP Flood Damage Prevention Ordinance(s)	Yes	Village Code Chaper 320
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 Chaper 264

Regulatory Tool	Yes / No	Citation (if applicable)
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	VILLAGE CODE 283
Subdivision Ordinance(s)	Yes	VILLAGE CODE 283
Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	VILLAGE CODE CHAPTER 320

Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Oyster Bay Cove. The Village of Oyster Bay Cove's primary administrative and technical capabilities include an emergency manager, engineers, a GIS analyst, 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 Oyster Bay Cove Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Seth Lubln, Emergency Management Officer and Ted Von Briesen Public Works
Engineer(s) trained in construction practices related to buildings/infrastructure	Yes	Westside Engineering
Engineer(s) with an understanding of natural and/or human caused hazards	No	
Engineer(s) with knowledge of land development and land management practices	Yes	Westside Engineering
Grant Writers	No	
Personnel skilled or trained in Geographic Information Systems	No	
Personnel trained in construction practices related to buildings/infrastructure	Yes	Westside Engineering and Building Dept
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 Oyster Bay Cove. Funding is often the biggest barrier when implementing mitigation programs. The Village identified no fiscal capabilities to support mitigation. Village of Oyster Bay Cove should consider exploring additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Oyster Bay Cove Existing Fiscal Capabilities

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	No	
Ability to incur debt through private activity bonds	No	
Ability to incur debt 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	Capital Improvement Budget
Community Development Block Grants (CDBG)	No	
Impact fees for home buyers and/or developers	No	
State mitigation grant programs	No	

Community Classification Assessment

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

Table 6: Village of Oyster Bay Cove 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 Oyster Bay Cove and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Some coastal flooding can occur in the Village of Oyster Bay Cove along the Long Island Sound.

The Village's Building Inspector is responsible for floodplain management. The NFIP is administered in the Village through the review of site plans and issuance of building permits. The Village did not note any current barriers to running a successful NFIP program. There are currently no RiskMAP projects ongoing in this jurisdiction.

The Village of Oyster Bay Cove 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 09/26/2016. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

The Flood Damage Prevention Ordinance was last amended 07/21/2009 and can be referenced in Article XI, Zoning, L.L. No. 1-2009.

Mitigation Strategy

The following section provides an overview of the mitigation strategy for Village of Oyster Bay Cove. It provides an overview of the jurisdiction’s previous mitigation actions, proposed actions, and the NYS mitigation worksheets.

Previous Mitigation Actions

This jurisdiction did not participate in the 2014 hazard mitigation plan.

Proposed Mitigation Actions

Project Number	VOBC_1	VOBC_2
Project Name	Swiftreach System	Village Shoreline Protection
Goal being met	2, 4	1, 2, 3
Hazards to be mitigated	All natural hazards	Erosion, Flooding, Sea Level Rise, Severe Wind, Severe Winter Weather, Storm Surge
Description of the Problem	There is currently not a comprehensive system in place to keep residents informed during natural disasters and emergencies, including severe storms, severe winter weather, hurricanes, flooding, etc.	Erosion along Oyster Bay Harbor at Landing Road causes damage to property and the shoreline.
Description of the Solution	Implement the Swiftreach program to ensure continuous communication with Village residents during times of emergencies regarding preparedness, evacuation, and sheltering.	Structural shoreline protection with hardscape such as seawall or boulders.
Critical Facility	No	No
EHP Issues	No	Yes
Estimated Timeline	1 Year	5 Years
Lead Agency	Village	Village
Estimated Costs	60,000	100,000 - 150,000
Estimated Benefits	Avoid residents' injury or harm and protection of property during natural disasters,	Prevention of loss of property and damage to the shoreline
Potential Funding Sources	NYS, Federal funding, or Village budget	NYS, Federal funding, or 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: Village of Oyster Bay Cove

NYS DHSES Action Worksheet			
Project Name:	Swiftreach System		
Project Number:	Leave Blank		
Risk / Vulnerability			
Hazard of Concern:	All Natural Hazards		
Description of the Problem:	There is currently not a comprehensive system in place to keep residents informed during natural disasters and emergencies, including severe storms, severe winter weather, hurricanes, flooding, etc.		
Action or Project Intended for Implementation			
Description of the Solution:	Implement the Swiftreach program to ensure continuous communication with Village residents during times of emergencies regarding preparedness, evacuation, and sheltering.		
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:	During all natural hazards	Estimated Benefits (losses avoided):	Avoid residents' injury or harm and protection of property during natural disasters,
Useful Life:	10 Years (to be reassessed)		
Estimated Cost:	\$60,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	2 to 3 Years
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	NYS, Federal funding, or Village budget
Responsible Organization:	Village	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	No outreach to residents
	Email signup	\$10,000	Not all residents are reached
	Social media Account	\$10,000	Not as effective as Swiftreach, as fewer residents would be informed
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.		

Nassau County Multi-Jurisdictional Hazard Mitigation Plan

Name of Jurisdiction: Village of Oyster Bay Cove

NYS DHSES Action Worksheet			
Project Name:	Village Shoreline Protection		
Project Number:	Leave Blank		
Risk / Vulnerability			
Hazard of Concern:	Erosion, Flooding, Sea Level Rise, Severe Wind, Severe Winter Weather, Storm Surge		
Description of the Problem:	Erosion along Oyster Bay Harbor at Landing Road causes damage to property and the shoreline.		
Action or Project Intended for Implementation			
Description of the Solution:	Structural shoreline protection with hardscape such as seawall or boulders.		
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:	500 year	Estimated Benefits (losses avoided):	Prevention of loss of property and damage to the shoreline
Useful Life:	100 years		
Estimated Cost:	\$100,000-\$150,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	5 years
Estimated Time Required for Project Implementation:	2 years	Potential Funding Sources:	NYS, Federal funding, or Village budget
Responsible Organization:	Village	Local Planning Mechanisms to be Used in Implementation, if any:	N/A
Three Alternatives Considered (including No Action)			
Alternatives:	<i>Action</i>	<i>Estimated Cost</i>	<i>Evaluation</i>
	No Action	\$0	Continued erosion and damage to shoreline
	Armoring with jetty stone	\$100,000	Protection of shoreline for most storms
	Construction of seawall	\$150,000	Protection of shoreline to 500 year flood elevation
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.		