Village of Cove Neck Annex

This document presents the Village of Cove Neck'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
Thomas Zoller, Mayor Village of Cove Neck 1395 Planting Fields Road Oyster Bay, NY 11771 trzoller100@gmail.com 516-987-8203	Ted Gutierrez, Deputy Mayor Village of Cove Neck 1395 Planting Fields Road Oyster Bay, NY 11771 tedrez61553@gmail.com 516-445-9292

Profile

The Village of Cove Neck covers approximately 1.29 square miles[1] and has a total population of 262 according to the American Community Survey 5-Year 2018 Estimates. Some of the demographics of the Village of Cove Neck 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 Cove Neck Demographic Information

Demographic		Demographic	
Below 5 Years Old	2.7%	Black or African American alone	0.0%
Above 65 Years Old	26.8%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	Information not provided	Asian alone	3.1%
Persons in Poverty	4.2%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	15.5%	Two or More Races	0.0%
Without a High School Diploma	0.5%	White alone, not Hispanic or Latino, percent	92.7%
Without Access to Broadband Internet	0.0%	Hispanic or Latino	4.2%

[1] This is inclusive of land area only.

Growth in Cove Neck is stable. The most common development is residential renovations and reconstruction to older homes. Cove Neck is entirely residential with no industrial or business developments. 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

The hazards that most impact the Village of Cove Neck include: **Coastal Hazards, and Hurricane.**

This section summarizes how the natural hazards profiled in Section 4 of this plan impact the Village of Cove Neck. The jurisdiction identified coastal hazards and hurricanes as the natural 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.

Table 2: Village of Cove Neck Hazard Impacts

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

Capability Assessment

This section summarizes the capabilities that the Village of Cove Neck 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 Cove Neck. The Village of Cove Neck maintains zoning ordinances, which 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 Cove Neck Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (*if applicable*)
Access and Functional Needs Plan	No	
Building Code	No	
Capital Improvement Plan	No	
Climate Action Plan	No	
Community Development Plan	No	
Comprehensive Plan / Master Plan	No	
Economic Development Plan(s)	No	
Emergency Response Plan(s)	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)	No	
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	No	
Subdivision Ordinance(s)	No	
Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	Chapter 75 - Code Book for the Inc. Village of Cove Neck

Administrative and Technical Capability Assessment

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

Table 4: Village of Cove Neck Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	John Hubbard, Ted Gutierrez
Engineer(s) trained in construction practices related to buildings/infrastructure	Yes	Roger Cocchi
Engineer(s) with an understanding of natural and/or human caused hazards	Yes	Roger Cocchi
Engineer(s) with knowledge of land development and land management practices	Yes	Roger Cocchi
Grant Writers	Yes	Cathie Wardell
Personnel skilled or trained in Geographic Information Systems	No	
Personnel trained in construction practices related to buildings/infrastructure	Yes	Karl Bicknese
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	Yes	Roger Cocchi

Fiscal Capability Assessment

Table 5 lists the assessment of existing fiscal tools for the Village of Cove Neck. 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, utilizing user fees for utility services, capital improvement project funding, CDBG programs, impact fees for home buyers and/or developers, and state mitigation grant programs. Village of Cove Neck should consider explore additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Cove Neck Existing Fiscal Capabilities

Resources	Yes / No	Additional Details
Ability to incur debt through general obligation bonds	Yes	
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	Yes	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	Yes	
Community Development Block Grants (CDBG)	Yes	
Impact fees for home buyers and/or developers	Yes	Roger Cocchi
State mitigation grant programs	Yes	

Community Classification Assessment

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

Table 6: Village of Cove Neck 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

The Village's flood-prone areas are mainly located along its coastline, as indicated on FEMA flood insurance rate maps. This section provides a summary of the floodplain management capabilities for Village of Cove Neck and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP).

The Village's Building Inspector is responsible for floodplain management. New York State building code courses will continue to support the growth of the floodplain management program. Cove Neck administered the NFIP through the building permit process, site planning and reviews, and physical 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, the building inspector performs substantial damage determinations by physical inspection or by certification by licensed architect or engineer. The Village reported that two properties were substantially damaged as a result of recent flood events.The Village of Cove Neck is in good standing with the NFIP. Based on documentation received from NYSDEC, the Village had its last Community Assistance Contact on 08/28/2002 and its last Community Assistance Visit on 06/13/2011. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

To mitigate future losses to properties located in these areas, all new construction is required to comply with FEMA regulations. The Flood Damage Prevention Ordinance for the Village of Cove Neck meets minimum requirements. The ordinance was last amended 2007 and can be referenced in Chapter 138, Stormwater Management and Erosion and Sediment Control [History: Adopted by the Board of Trustees of the Village of Cove Neck 5-9-2007 by L.L. No. 1-2007. Amendments noted where applicable..

Mitigation Strategy

The following section provides an overview of the mitigation strategy for Village of Cove Neck. 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	VCN_1	VCN_2	VCN_3	VCN_4
Project Name	Emergency SMS Texting	Road Flooding Emergency Response Contingency Plan	Emergency Generator Installation at Police Station	Harden or Upgrade Utilities to be Disaster-Resistant
Goal being met	4	3	2,3	1
Hazards to be mitigated	All-natural hazards	Flooding	All hazards that cause power outages	High Wind, Hurricanes, Ice Storms
Priority Ranking	High	High	High	High
Description of the Problem	Currently there is no alert system in place to keep residents actively up to date in the event of an emergency.	In the event of a road flooding at high tide the majority of our residents are isolated from outside fire/police services.	The Village police station can not function as the critical facility it is when it experiences prolonged power outages due to high wind events, such as tropical storms and nor'easters.	Power outages due to aging and unreliable utilities are one of the biggest problems in the Village of Cove Neck. Power outages frequently occur during storms and high wind conditions. The poles, transformers and powerlines are all at least 50 years old and need to be upgraded and/or hardened.
Description of the Solution	Compile a list of resident's cellular phone numbers (and email addresses) to populate an enterprise SMS platform.	Police and firefighting equipment will be temporarily stationed at Sagamore Hill where they can reach residents confined due to the impassable road.	A fixed, emergency generator will be installed at the police station to ensure continued service during a storm or emergency event and the installation of underground power lines.	Upgrade and/or harden utilities in the area. The Village will work with PSEG to investigate utilities throughout Cove Neck to discover the parts that need hardening and/or upgrading.
Critical Facility	N/A	N/A	Yes	Yes

Project Number	VCN_1	VCN_2	VCN_3	VCN_4
EHP Issues	N/A	N/A	No	No
Estimated Timeline	Within the year 2020	Within the year 2020	1 Year	Ongoing
Lead Agency	Village Board of Trustees.	Village Board of Trustees.	Village of Cove Neck	PSEG
Estimated Costs	$250 per year	To be determined	To be determined	To be determined
Estimated Benefits	Information will be used to mitigate property damage as well as injury/death.	Property loss, injury mitigated.	Continued service at the police station during a storm or emergency event and the installation of underground power lines.	Protection of life safety
Potential Funding Sources	Village budget	N/A	FEMA HMGP	FEMA

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 Cove Neck

NYS DHSES Action Worksheet			
Project Name:	Emergency SMS Alerting		
Project Number:	VCN-1		
Risk / Vulnerability			
Hazard of Concern:	All natural hazards		
Description of the Problem:	Currently there is no alert system in place to keep residents actively up to date in the event of an emergency. An SMS (texting) alert system can be used to reach village residents anytime, anywhere. Alerting residents in the event of a hazardous weather event such as flooding or downed power lines. Disaster preparation, severe weather, power outage information, as well as upcoming meetings/votes can be disseminated through an SMS (texting) alert system.		
Action or Project Intended for Implementation			
Description of the Solution:	Compile a list of resident's cellular phone numbers (and email addresses) to populate an enterprise SMS platform. A plan will be made including how to implement the system.		
Is this project related to a Critical Facility?	Yes		No X
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	All hazardous events	Estimated Benefits (losses avoided):	Information will be used to mitigate property damage as well as injury/death.
Useful Life:	Ongoing		
Estimated Cost:	$250/year		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within the year 2020
Estimated Time Required for Project Implementation:	Two Months	Potential Funding Sources:	Village budget
Responsible Organization:	Village Board of Trustees	Local Planning Mechanisms to be Used in Implementation, if any:	Village Board of Trustees
Three Alternatives Considered (including No Action)			
Alternatives:	*N/A*	*Estimated Cost*	*Evaluation*
	N/A	$0	
	Establish and update a village social media account(s).	$250	May result in delayed notification if not checked regularly by the resident.
	Email	$250	Notification likely delayed due to failure to check email.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

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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 ☐	No
(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:	*Action*	*Estimated Cost*	*Evaluation*
	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 Cove Neck

NYS DHSES Action Worksheet			
Project Name:	Road Flood Emergency Response Contingency Plan		
Project Number:	VCN_2		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	The village of Cove Neck is a peninsula with one road for vehicular traffic. In the event of a road flooding at high tide most of the residents are isolated from outside fire/police services.		
Action or Project Intended for Implementation			
Description of the Solution:	In the event of a forecasted flooding event (Nor'easter, tropical storm, hurricane), a police car and firefighting equipment will be temporarily stationed at Sagamore Hill where they can reach residents in the event the road becomes impassable. A document with protocols will be developed to explain the implementation and the chain of communication for this project.		
Is this project related to a Critical Facility?	Yes		No X
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	All severe storm events	Estimated Benefits (losses avoided):	Property loss, injury mitigated
Useful Life:	Indefinitely		
Estimated Cost:	$1,000		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within year 2020
Estimated Time Required for Project Implementation:	2 months	Potential Funding Sources:	Village budget
Responsible Organization:	Village Board of Trustees.	Local Planning Mechanisms to be Used in Implementation, if any:	Mayor, police commissioner, police, and fire departments.
Three Alternatives Considered (including No Action)			
Alternatives:	*Action*	*Estimated Cost*	*Evaluation*
	No Action	$0	
	Elevate road	$500,000	Too expensive compared to the plan above.
	Build second road	$1,200,000.00	Not feasible due to privately owned land.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

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Incorporated Village Of Cove Neck

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 ☐	No
(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:	*Action*	*Estimated Cost*	*Evaluation*
	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 Cove Neck

NYS DHSES Action Worksheet			
Project Name:	Emergency Generator Installation at Police Station		
Project Number:	VCN_3		
Risk / Vulnerability			
Hazard of Concern:	All hazards that cause power outages		
Description of the Problem:	The Village police station can not function as the critical facility it is when it experiences prolonged power outages due to high wind events, such as tropical storms and nor'easters.		
Action or Project Intended for Implementation			
Description of the Solution:	A fixed, emergency generator will be installed at the police station to ensure continued service during a storm or emergency event and the installation of underground power lines.		
Is this project related to a Critical Facility?	Yes	X	No
(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:	Power Outages	Estimated Benefits (losses avoided):	Continued service at the police station during a storm or emergency event and the installation of underground power lines.
Useful Life:	25-30 Years		
Estimated Cost:	To be determined		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2021
Estimated Time Required for Project Implementation:	1 Year	Potential Funding Sources:	FEMA HMGP
Responsible Organization:	Village of Cove Neck	Local Planning Mechanisms to be Used in Implementation, if any:	

Three Alternatives Considered (including No Action)

Alternatives:	*Action*	*Estimated Cost*	*Evaluation*
	No Action	$0	Power outages would continue to disrupt emergency response capabilities
	Solar panel systems and battery storage can be utilized	$50,000-$150,000 depending on size and number of panels	This is a short term solution, however weather conditions may not make this feasible
	Full size generators or portable units may be rented	$20,000-$40,000 depending on length of outage	Set up time is needed that would not be possible during times of sudden power loss, and availability / functional ability to obtain portable or rentable units can't be guaranteed.

Progress Report (for plan maintenance)	
Date of Status Report:	

Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

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(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 ☐	No	
(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:	*Action*	*Estimated Cost*	*Evaluation*
	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 Cove Neck

NYS DHSES Action Worksheet			
Project Name:	Harden or Upgrade Utilities to be Disaster-Resistant		
Project Number:	VCN_4		
Risk / Vulnerability			
Hazard of Concern:	High Wind, Hurricanes, Ice Storms		
Description of the Problem:	Power outages due to aging and unreliable utilities are one of the biggest problems in the Village of Cove Neck. Power outages frequently occur during storms and high wind conditions. The poles, transformers and powerlines are all at least 50 years old and need to be upgraded and/or hardened.		
Action or Project Intended for Implementation			
Description of the Solution:	Upgrade and/or harden utilities in the area. The Village will work with PSEG to investigate utilities throughout Cove Neck to discover the parts that need hardening and/or upgrading.		
Is this project related to a Critical Facility?	Yes	X	No
(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:	Multi-hazard Protection	Estimated Benefits (losses avoided):	Protection of life safety.
Useful Life:	100 Years		
Estimated Cost:	To be determined		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	2021
Estimated Time Required for Project Implementation:	Ongoing	Potential Funding Sources:	FEMA
Responsible Organization:	PSEG	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	*Action*	*Estimated Cost*	*Evaluation*
	No Action	$0	None
	Maintain with more durable light bases and poles	<$50,000	This is a short-term solution
	Purchase portable generators to deploy to areas with power outages	$50,000-$100,000 per generator	This action wouldn't prevent direct damages from downed poles or lines
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

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(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 ☐	No	
(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:	*Action*	*Estimated Cost*	*Evaluation*
	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.		