

Village of Rockville Centre Annex

This document presents the Village of Rockville Centre’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
Francis X. Murray, Mayor Village of Rockville Centre 1 College Place Rockville Centre, NY 11571 fmurray@rvcny.us 516-678-9260	Kevin Reilly, Village Engineer Village of Rockville Centre 1 College Place Rockville Centre, NY 11571 kreilly@rvcny.us 516-679-9313

Profile

The Village of Rockville Centre covers approximately 3.25 square miles¹ and has a total population of 24,550 according to the American Community Survey 5-year 2018 Estimates. Some of the demographics of the Village of Rockville Centre 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 Rockville Centre Demographic Information

Demographic		Demographic	
Below 5 Years Old	5.0%	Black or African American alone	6.1%
Above 65 Years Old	18.1%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	4.9%	Asian alone	2.6%
Persons in Poverty	4.4%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	30.2%	Two or More Races	2.5%
Without a High School Diploma	4.6%	White alone, not Hispanic or Latino, percent	79.4%
Without Access to Broadband Internet	13.7%	Hispanic or Latino	11.4%

¹ This is inclusive of land area only.

There is currently little to no major development trends in Rockville Centre. In the past few years, the Village saw the development of one large Avalon apartment complex near train station and a new dormitory at Molloy College. The Village Board has granted permits for a few new residences to be built in the jurisdiction. The jurisdiction maintains its 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 Rockville Centre. The jurisdiction identified Flooding, Severe Winter Weather, and Wind 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 Rockville Centre include: **Flooding, Severe Winter Weather, and Wind.**

Table 2: Village of Rockville Centre Hazard Impacts

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

Capability Assessment

This section summarizes the capabilities that the Village of Rockville Centre 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 Rockville Centre. The Village of Rockville Centre maintains several key administrative and technical capabilities to support mitigation, including building codes, emergency response plans, site plan review requirements, stormwater management plans, 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 Rockville Centre Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	Village of RVC Building Department
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)	Yes	Village of RVC
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	Village RVC Building Department
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	Village of RVC Department of Public Works
Subdivision Ordinance(s)	No	
Transportation Plan(s)	No	

Regulatory Tool	Yes / No	Citation (if applicable)
Zoning Ordinance(s)	Yes	Village of RVC Building Department

Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Rockville Centre. The Village of Rockville Centre's primary administrative and technical capabilities include an emergency manager, engineers, grant writers, 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 Rockville Centre Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Emergency Manager, Deputy Emergency Manager
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	Director of Community Development
Personnel skilled or trained in Geographic Information Systems	No	
Personnel trained in construction practices related to buildings/infrastructure	Yes	Superintendent of Buildings, Deputy Superintendent of Buildings
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 Rockville Centre. 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, capital improvements project funding, and CDBG programs. Village of Rockville Centre should

consider exploring additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Rockville Centre 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 debt through special tax bonds	Yes	TAN or RAN
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	Yes	
Community Development Block Grants (CDBG)	Yes	
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 Rockville Centre. Exploring gaining one or more community classifications will guide the Village's mitigation programs and support capacity building.

Table 6: Village of Rockville Centre 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 Rockville Centre and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Flood-prone areas in the Village include residential streets located along Mill River.

The Village's Engineer 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. The flood maps for this jurisdiction accurately portray the current flood risk. There are currently no RiskMAP projects ongoing in this jurisdiction.

Substantial damage determinations are made through the building permitting process. One property in the Village of Rockville Centre was substantially damaged by recent flood events. The Village of Rockville Centre 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) was last conducted in the Village in 2019. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

Some homes have been elevated in the Village of Rockville Centre to mitigate the risk of future flood damage. The Flood Damage Prevention Ordinance for the Village of Rockville Centre exceeds minimum requirements through the enforcement of additional freeboard. The ordinance was last amended 08/10/2009 and can be referenced in L.L. 2-2009 Chapter 188 of Village Code.

Mitigation Strategy

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

Previous Mitigation Actions

Project Table #1 – 7:

Action	Stabilize the shoreline of Mill River through additional analysis of the erosion of the River's banks and develop a plan for minimizing flooding.	Install catch-basin inserts to improve the drainage at specific trouble-spots within the Village	Repair or raise Park Avenue Bridge	Investigate drainage and watershed improvements for Smith Pond to mitigate roadway and park flooding	Acquire emergency generators for Critical Facilities	Bulkhead repair. Request the State to rehabilitate Mill River stormwater basin by replacing rotted bulkheads	Rehabilitate Mill River as a stormwater basin by dredging the basin area
Risk Category	Flooding	Flooding	Flooding	Flooding	Power outages	Flooding	Flooding
Project Status	In Progress	In Progress	Not Started	In Progress	In Progress	Not Started	Not Started
Project Status Description	Final Construction Documents created and project is ready for bidding	In design process	Not started. Not feasible at this time.	Final Construction Documents created and project is ready for bidding	One trailer mounted standby generator purchased.	Not Started at this time.	Not Started at this time.
Carried Forward to 2020 Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Required Changes	Governor's Office of Storm Recovery / Living with The Bay. Made possible by State Grant.	Governor's Office of Storm Recovery / Living with The Bay.	Calling out the County as a potential partner.	Governor's Office of Storm Recovery / Living with The Bay. Made possible by State Grant.	This was purchased through capital funds in municipal budget.	Not provided	Not provided

Project Table #8 – 16:

Action	Reverse 911 system. Expand and maintain database of residents and contact information so we can inform them of emergency situations	Develop and publish information to be used by residents to prepare for natural catastrophic events.	Expand tree-planting program. Develop and education series so that residents better understand how to care for their mature trees, which trees to plant for the greatest safety and how to identify the warning signs of a tree in distress.	Construct a Regional Emergency Command Center to serve communities in southwestern Nassau County that have limited access to NYCOEM in an emergency situation	Add a link to the Village's website that directs users to the County's mitigation planning website	Community engagement. Conduct annual reviews and/or smaller meetings with civic groups, the public and other stakeholders.	Evacuation planning. Meet with local healthcare facilities for review and improve evacuation plans	Centralized emergency distribution system with three emergency generators.
Risk Category	Local emergencies	Local emergencies	Flooding	Local emergencies	Power outages	Local emergencies	Local emergencies	Loss of electrical power
Project Status	In Progress	In Progress	In Progress	Not Started	In Progress	Not Started	Not Started	Not Started
Project Status Description	Continue community outreach for signing up for reverse 911.	Continue to update website with information.	Continue to plant trees throughout village. Tree survey performed throughout Village.	Not feasible at this time due to costs. Soon after Sandy, this was considered a high-priority action. The activity was taken a public referendum for funding but voted down.	Continue to update website with information.	Not Started at this time.	Not Started at this time.	Not Started at this time.
Carried Forward to 2020 Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Required Changes	Not provided	Not provided	Continue Community Outreach.	Not provided	Not provided	Not provided	Not provided	Not provided

Proposed Mitigation Actions

Project Table #1 – 9:

Project Number	VRC_1	VRC_2	VRC_3	VRC_4	VRC_5	VRC_6	VRC_7	VRC_8	VRC_9
Project Name	Catch-Basin Installation	Centralized Emergency Distribution System	County Mitigation Planning Website Access	Drainage Improvements at Intersections	Emergency Generators for Critical Facilities	Emergency Preparation Publications	Enhanced community engagement	Healthcare facility evacuation planning	Lister Park Improvements
Goal being met	1, 2, 3	1, 2, 3	4	3	2,3	4	4	1, 2, 4	3
Hazards to be mitigated	Flooding	Loss of Power	Local Emergencies	Flooding	Power Outages	Local Emergencies	Local Emergencies	Local Emergencies	Flooding
Description of the Problem	Times of heavy rain creates flooding in specific trouble-spots within the Village	There is a need for three emergency generators and a centralized emergency distribution system	The Villages website is not linked to the County's mitigation planning website	Flooding at various intersections during rain events, and poor air quality.	Power Outages	Resident knowledge of how to prepare for emergencies and disasters needs to be enhanced in order to create resiliency among the whole community	There is a need for increased Community Engagement	Healthcare facilities need revised and improved evacuation plans.	Flooding, Erosion
Description of the Solution	Install catch-basin inserts to improve the drainage at specific trouble-spots	Centralized emergency distribution system with three emergency generators.	Add a link to the Village's website that directs users to the County's mitigation planning website	Install new drainage structures, and upgrade the older drainage structures, in addition to new pre-treatment structures for water quality. Along with, bio-retention areas near intersections that experience flooding and ponding during rain events	Acquire emergency generators for Critical Facilities	Develop and publish information to be used by residents to prepare for natural catastrophic events.	Community engagement. Conduct annual reviews and/or smaller meetings with civic groups, the public and other stakeholders.	Evacuation planning. Meet with local healthcare facilities for review and improve evacuation plans	Stabilize shoreline and other drainage upgrades.
Critical Facility	No	Yes	No	No	Yes	No	No	Yes	No
EHP Issues	Unknown	No	No	Unknown	Unknown	No	No	No	No

Project Number	VRC_1	VRC_2	VRC_3	VRC_4	VRC_5	VRC_6	VRC_7	VRC_8	VRC_9
Estimated Timeline	In Progress: Design in progress Target Date: 3 Years	Target Date: 2015 - 2016 Not started yet	In Progress Target Date: 2014	1 Year	In Progress: One trailer mounted standby generator purchased. Target Date: 2014 5 Years	In Progress Target Date: 2014 / 2 Years	Target Date: 2014 Not stated yet	Target Date: 2014 Not started yet	1 - 5 Years, Currently in progress
Lead Agency	Governor's Office of Storm Recovery, Living with The Bay	Catholic Health Services - Mercy Medical Center	Village of Rockville Centre	Village of Rockville Centre, Governor's Office of Storm Recovery	Village of Rockville Centre	Village of Rockville Centre	Village of Rockville Centre	Village of Rockville Centre	Governor's Office of Storm Recovery
Estimated Costs	To be determined	9,100,000	To be determined	~ 250,000	To be determined	To be determined	To be determined	To be determined	~ 3,000,000; These costs are expected to be fully reimbursed.
Estimated Benefits	Reduction in flooding in Village hotspots.	Streamlined emergency distribution system and enhanced power capabilities through generators.	Residents will have direct access to the County's Mitigation Planning Website from the Village's website.	A reduction in flooding as well as an improvement in water quality.	Power will remain operational for critical facilities during a power outage	Residents will gain a greater understanding of local emergency procedures, preparation techniques and tools, and how to respond to in emergency situations	Greater community collaboration which can increase whole community resiliency and resident interest in protecting Community infrastructure	Creates resiliency amongst healthcare facilities and positions staff members to effectively and efficiently respond in the event of an evacuation.	Widespread reduction in flood damages; ecosystem and water quality.
Potential Funding Sources	To be determined	Municipal Budget, FEMA Grant	To be determined	Grants, Municipal Budget	Capital Funds in the Municipal Budget	Municipal Budget	Municipal Budget	To be determined	Grants

Project Table #10 – 18:

Project Number	VRC_10	VRC_11	VRC_12	VRC_13	VRC_14	VRC_15	VRC_16	VRC_17	VRC_18
Project Name	Mill River Basin Rehabilitation	Mill River Dredging	Mill River Shoreline	Park Avenue Bridge	Regional Emergency Command Center Construction	Reverse 911 System	Smith Pond Investigation	Smith Pond Rehabilitation	Tree-Planting Program Expansion
Goal being met	3, 5	3, 5	1, 2, 3	3	1, 2, 3, 5	4	4, 5	3, 5	6
Hazards to be mitigated	Flooding	Flooding	Flooding	Flooding	Local Emergencies	Local Emergencies	Flooding	Flooding, Erosion	Flooding
Description of the Problem	Flooding	Flooding	The shoreline of Mill River needs to be stabilized to prevent flooding	Flooding of Park Avenue Bridge	Some communities have limited access to NYCOEM in an emergency situation	The database of residents needs to be expanded to better reach the whole community during emergency situations	Roadway and Park flooding due to Smith Pond	Flooding, Erosion	Tree-planting and treatment programs need to be developed to educate residents on proper land use related to planting and caring for trees
Description of the Solution	Bulkhead repair. Request the State to rehabilitate Mill River stormwater basin by replacing rotted bulkheads	Rehabilitate Mill River as a stormwater basin by dredging the basin area	Stabilize the shoreline of Mill River through additional analysis of the erosion of the River's banks and develop a plan for minimizing flooding.	Repair or raise Park Avenue Bridge	Construct a Regional Emergency Command Center to serve communities in southwestern Nassau County that have limited access to NYCOEM in an emergency situation	Reverse 911 system. Expand and maintain database of residents and contact information so we can inform them of emergency situations	Investigate drainage and watershed improvements for Smith Pond to mitigate roadway and park flooding	Multi-jurisdiction project installing a new connected system with a bulkhead, stabilize shoreline, living shoreline, and other drainage upgrades.	
Critical Facility	No	No	No	Yes	Yes	No	No	No	No
EHP Issues	Unknown	Unknown	Unknown	Unknown	No	No	Unknown	No	No
Estimated Timeline	Target Date: 2014 Progress: Not Started 10 Years	Target Date: 2014 Progress: Not Started 10 Years	In Progress: Final Construction Documents created and project is ready for bidding.	Targeted Date: 2014 Status: Not Started	Target Date: 2014 Progress: Not Started 5 Years	In Progress Target Date: 2014 / Ongoing	In Progress Target Date: 2014 / 10 Years	1 - 5 Years, Currently in progress	In Progress Target Date: 2014 / Ongoing

Project Number	VRC_10	VRC_11	VRC_12	VRC_13	VRC_14	VRC_15	VRC_16	VRC_17	VRC_18
			Target Date: 10 Years						
Lead Agency	Village of Rockville Centre	Village of Rockville Centre	Governor's Office of Storm Recovery, Living with The Bay	Calling out the County as a potential partner.	Village of Rockville Centre	Village of Rockville Centre	Governor's Office of Storm Recovery, Living with The Bay.	Governor's Office of Storm Recovery	Village of Rockville Centre
Estimated Costs	To be determined	To be determined	To be determined	To be determined	To be determined	To be determined	To be determined	~ 3,000,000; These costs are expected to be fully reimbursed.	To be determined
Estimated Benefits	Restoration of the Mill River stormwater basin	Restoration of the Mill River stormwater basin	A reduction of flooding and preservation of the River's banks	Reduction in flooding of the Park Avenue Bridge	All southwestern Nassau County communities will have access to an Emergency Command Center in an emergency situation	Enhanced communication with Village residents during emergency situations, potentially preserving the loss of life and property	Reduction of park and roadway flooding	Reduction in flood damages to residential properties and village-owned infrastructure; protects coastal area throughout the watershed (beyond the boundaries of Rockville Centre)	Community outreach and nature preservation
Potential Funding Sources	NY State	Grants	State Grant	To be determined	Grants	Municipal Budget	State Grant	Grants	Grants

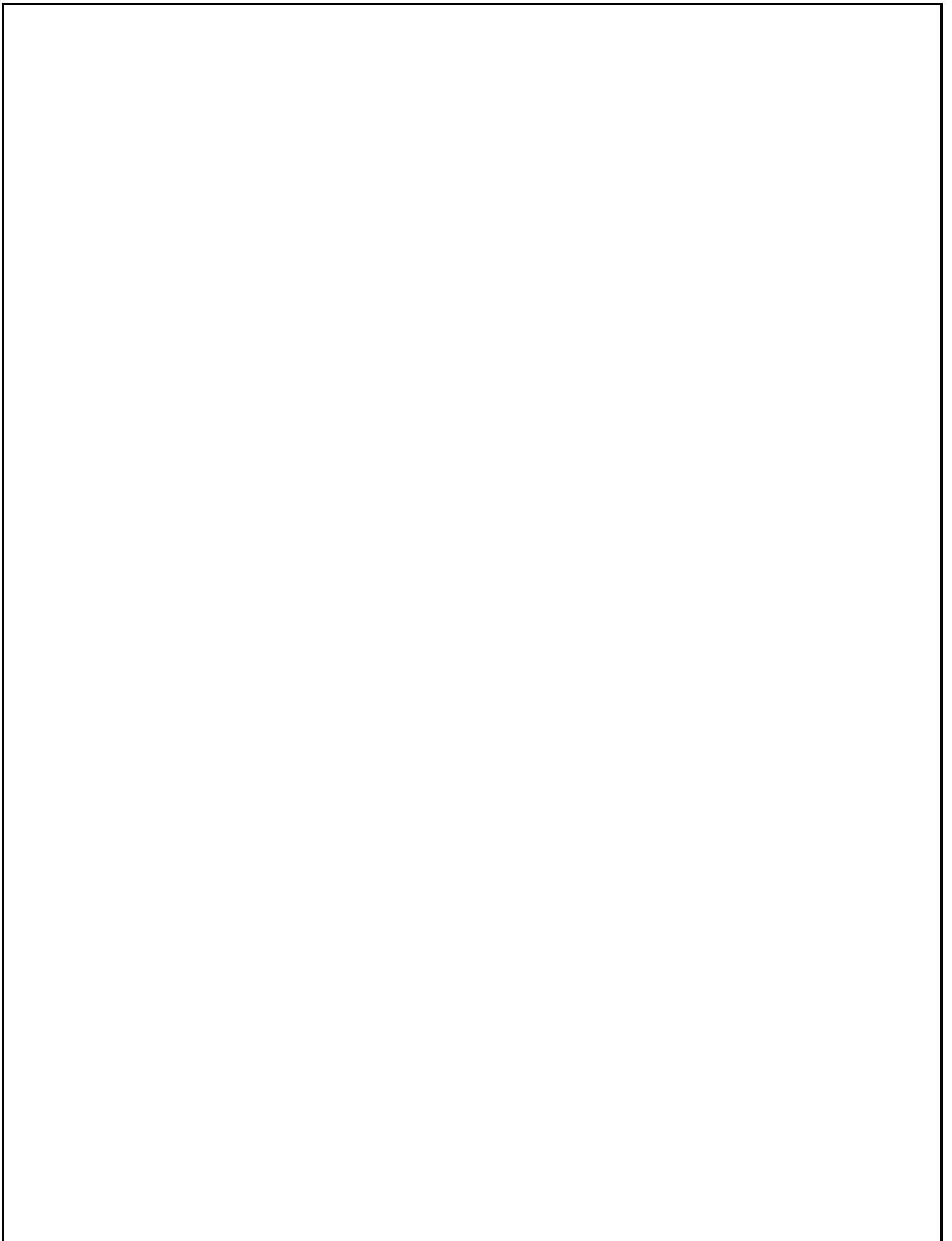
Mitigation Action Worksheets

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 Rockville Centre

NYS DHSES Action Worksheet			
Project Name:	Smith Pond Rehabilitation		
Project Number:	Leave Blank		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	Flooding, erosion		
Action or Project Intended for Implementation			
Description of the Solution:	Multi-jurisdiction project installing a new connected system with a bulkhead, stabilize shoreline, living shoreline, and other drainage upgrades.		
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:	100-Year flood event	Estimated Benefits (losses avoided):	Reduction in flood damages to residential properties and village-owned infrastructure; protects coastal area throughout the watershed (beyond the boundaries of Rockville Centre)
Useful Life:	10 - 15 Years		
Estimated Cost:	Current estimate is approximately \$3M; these costs are expected to be fully reimbursed.		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Currently in progress
Estimated Time Required for Project Implementation:	Currently in progress; 1 - 5 Years	Potential Funding Sources:	Grants
Responsible Organization:	Governor's Office of Storm Recovery	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	
	Install native grasses along the shorelines of willing homeowners	\$25,000 - \$50,000	Minimal flood risk reduction and contingent upon willing landowners
	Install just a bulkhead	\$500,000	Less sustainable and less comprehensive solution.
Progress Report (for plan maintenance)			
Date of Status Report:	Design plans are finalized and contract documents to be bid during summer 2020		
Report of Progress:	In progress		
Update Evaluation of the Problem and/or Solution:	In progress		



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 Rockville Centre

NYS DHSES Action Worksheet			
Project Name:	Lister Park Improvements		
Project Number:	Leave Blank		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	Flooding, erosion		
Action or Project Intended for Implementation			
Description of the Solution:	Stabilize shoreline and other drainage upgrades.		
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:	100-Year flood event	Estimated Benefits (losses avoided):	Widespread reduction in flood damages; ecosystem and water quality.
Useful Life:	10 - 15 Years		
Estimated Cost:	Current estimate is approximately \$3M; these costs are expected to be fully reimbursed.		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	Currently in progress
Estimated Time Required for Project Implementation:	Currently in progress.	Potential Funding Sources:	Grants
Responsible Organization:	Governor's Office of Storm Recovery	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	
	Just stabilize shoreline	\$25,000 - \$50,000	Not a full comprehensive approach to minimize risk
	Remove and Replace Entire Bulkead along Mill River	\$1,000,000 +/-	Large project, very extensive, high cost
Progress Report (for plan maintenance)			
Date of Status Report:	Design plans are finalized and contract documents to be bid during summer 2020.		
Report of Progress:	In 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 Rockville Centre

NYS DHSES Action Worksheet			
Project Name:	Drainage Improvements at Intersections		
Project Number:	Leave Blank		
Risk / Vulnerability			
Hazard of Concern:	Flooding		
Description of the Problem:	Flooding at various intersections during rain events, and poor air quality.		
Action or Project Intended for Implementation			
Description of the Solution:	Install new drainage structures, and upgrade the older drainage structures, in addition to new pre-treatment structures for water quality. Along with, bio-retention areas near intersections that experience flooding and ponding during rain events.		
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:	TBD	Estimated Benefits (losses avoided):	A reduction in flooding as well as an improvement in water quality.
Useful Life:	15 - 20 Years		
Estimated Cost:	\$250,000		
Plan for Implementation			
Prioritization:	Leave Blank	Desired Timeframe for Implementation:	3 - 5 Years
Estimated Time Required for Project Implementation:	~1 Year	Potential Funding Sources:	Grants, Municipal budget
Responsible Organization:	Village of Rockville Centre, Governor's Office of Storm Recovery	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	
	Minor repair to existing structures	\$50,000	Does not solve the entire problem of water quality improvements
	New replacement drainage structures	\$100,000	Does not solve or improve water quality
Progress Report (for plan maintenance)			
Date of Status Report:	In progress		
Report of Progress:	Plans were drawn up for specific intersections; not prioritized under the current round of funding from the Governor's Office for Storm Recovery		
Update Evaluation of the Problem and/or Solution:	In progress		

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.		