

Village of Upper Brookville Annex

This document presents the Village of Upper Brookville’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
Tracy Lynch, Clerk & Treasurer Village of Upper Brookville 1395 Planting Fields Road Oyster Bay, NY 11771 516 624 7715 X 104	Thomas Mullen, Deputy Clerk Village of Upper Brookville 1395 Planting Fields Road Oyster Bay, NY 11771 516 624 7715 X 101

Profile

The Village of Upper Brookville covers approximately 4.30 square miles¹ and has a total population of 1,535 according to the American Community Survey 5-Year 2018 Estimates. Some of the demographics of the Village of Upper Brookville 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 Upper Brookville Demographic Information

Demographic		Demographic	
Below 5 Years Old	2.5%	Black or African American alone	0.7%
Above 65 Years Old	21.4%	American Indian and Alaska Native alone	0.0%
Individuals with Disabilities	Information not provided	Asian alone	19.0%
Persons in Poverty	3.7%	Native Hawaiian and other Pacific Islander alone	0.0%
Renters	7.3%	Two or More Races	2.4%
Without a High School Diploma	2.8%	White alone, not Hispanic or Latino, percent	71.5%
Without Access to Broadband Internet	0.0%	Hispanic or Latino	1.0%

¹ This is inclusive of land area only.

There is no commercial property in the Village. The only future development would include new dwellings on vacant land. There is an active application with the Planning Board to develop a 100-acre parcel with 13 new residential lots but the Board has not granted final approval to-date. The jurisdiction maintains zoning maps and planning teams. By understanding these development trends and how they intersect with hazard-prone areas, this allows for current and future vulnerabilities to be planned for and avoided.

Refer to the **County Profile** section of this plan for additional information related to current and future conditions of the County’s vulnerable population and the natural environment. This information provides important context for understanding hazard mitigation planning.

Hazard Vulnerability

This section summarizes how the natural hazards profiled in Section 4 of this plan impact the Village of Upper Brookville. The jurisdiction identified Flooding 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 Upper Brookville include: **Flooding and Wind.**

Table 2: Village of Upper Brookville Hazard Impacts

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

Capability Assessment

This section summarizes the capabilities that the Village of Upper Brookville 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 Upper Brookville. The Village of Upper Brookville maintains several key administrative and technical capabilities to support mitigation, including building codes, comprehensive/master plans, open space plans, site plan review requirements, stormwater management plans, subdivision ordinances, and zoning ordinances. These capabilities are critical to consider as tools in developing and implementing mitigation strategies. To further enhance their mitigation capabilities, the Village can consider the capabilities in the table below that the Village currently does not have. These additional capabilities would either support creating a legal framework or strategy for implementing a diversity of mitigation actions.

Table 3: Village of Upper Brookville Existing Legal and Regulatory Capabilities

Regulatory Tool	Yes / No	Citation (if applicable)
Access and Functional Needs Plan	No	
Building Code	Yes	
Capital Improvement Plan	No	
Climate Action Plan	No	
Community Development Plan	No	
Comprehensive Plan / Master Plan	Yes	
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)	Yes	
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	
Small Area Development Plan(s)	No	
Special Purpose Ordinance(s)	No	
Stormwater Management Plan(s)	Yes	
Subdivision Ordinance(s)	Yes	

Regulatory Tool	Yes / No	Citation (if applicable)
Transportation Plan(s)	No	
Zoning Ordinance(s)	Yes	

Administrative and Technical Capability Assessment

Table 4 lists the assessment of existing administrative and technical tools for the Village of Upper Brookville. The Village of Upper Brookville has a high-level of administrative and technical capabilities to support mitigation. Increasing training capacity and expertise of these individuals will support mitigation practice in the Village.

Table 4: Village of Upper Brookville Existing Staff / Personnel Resource

Staff / Personnel Resource	Yes / No	Details
Emergency Manager(s)	Yes	Mayor Elliot Conway
Engineer(s) trained in construction practices related to buildings/infrastructure	Yes	LIRO
Engineer(s) with an understanding of natural and/or human caused hazards	Yes	LIRO
Engineer(s) with knowledge of land development and land management practices	Yes	LIRO
Grant Writers	Yes	
Personnel skilled or trained in Geographic Information Systems	Yes	LIRO
Personnel trained in construction practices related to buildings/infrastructure	Yes	LIRO and Core Group
Planner(s) with an understanding of natural hazards	Yes	Planning Board
Planner(s) with knowledge of land development and land management practices	Yes	Planning Board
Scientist(s) familiar with natural hazards	No	
Surveyors	Yes	LIRO

Fiscal Capability Assessment

Table 5 lists the assessment of existing fiscal tools for the Village of Upper Brookville. 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 and CDBG programs. Village of Upper Brookville should consider exploring additional fiscal capabilities in order to gain access to additional funding for mitigation.

Table 5: Village of Upper Brookville 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	No	
Authority to withhold public expenditures in hazard prone areas	No	
Capital improvements project funding	Yes	
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 Upper Brookville. Exploring gaining one or more community classifications will guide the Village's mitigation programs and support capacity building.

Table 6: Village of Upper Brookville 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 Upper Brookville and how the jurisdiction is meeting the requirements of the National Flood Insurance Program (NFIP). Flood-prone areas in the Village include areas along Wheatley Road, Wolver Hollow Road, and Chicken Valley Road.

The Village does not currently have a designated floodplain manager. The Village did not note any current barriers to running a successful NFIP program. The flood maps for this jurisdiction accurately portray the current flood risk. There are currently no RiskMAP projects ongoing in this jurisdiction.

The Village of Upper Brookville is in good standing with the NFIP. Based on documentation received from NYSDEC, a compliance audit (e.g., Community Assistance Visit or Community Assistance Contacts) has not been conducted for the municipality but the Village will determine if one is needed in the future and schedule it. There are no NFIP compliance violations that need to be addressed in this jurisdiction.

The Village mitigates future losses by clearing swales, culverts, and under road pipes. The Flood Damage Prevention Ordinance can be referenced in Chapter 156, Village Code.

Mitigation Strategy

The following section provides an overview of the mitigation strategy for Village of Upper Brookville. 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	VUB_1	VUB_2	VUB_3
Project Name	Sheltering Needs	Tree Survey	Emergency Generator Installation at Critical Facility
Goal being met	2	1	2, 3
Hazards to be mitigated	Severe Weather and Wind Events	Wind, Tropical Storms and Hurricanes, Severe Weather.	All hazards that cause power outages
Priority Ranking	High	High	High
Description of the Problem	When severe weather strikes, residents could be without power for extended periods of time. Without power, residents may not have the following sheltering needs i.e.. electricity, heat, air conditioning, phone, cooking facilities, food storage, hot water, sanitary systems, sleeping equipment, electric car and phone charging ability.	Trees fall on electric lines during severe weather can cause extended power outages for residents. The high winds and rains of Superstorm Sandy caused power outages to residents in excess of two weeks.	When there are prolonged power outages, the Village Hall can longer provide its critical services.
Description of the Solution	Provide residents with sheltering need services in the new Village Hall that they may not have in times of severe weather.	Create a plan that identifies trees in the Village, along right of ways (ROW's) on Village, Private, County & State Roads, that should be pruned/removed to reduce/eliminate the problem.	A fixed, emergency generator to be installed in Village Hall to ensure continued service at this critical facility during a storm or emergency event, and the installation of underground power lines.
Critical Facility	No	No	Yes
EHP Issues	Unknown	Unknown	No

Estimated Timeline	The Village plans construction of the new Village Hall starting in 2021 with a natural gas generator.	1 Month	1 Year
Lead Agency	Clerk/Treasurer's Office	Clerk/Treasurer's Office	Village of Upper Brookville
Estimated Costs	\$10,000	\$15,000	\$100,000
Estimated Benefits	Provide a location for residents to get basic services when severe weather strikes.	Provide continued electric service to residents during severe weather.	Continued service at Village Hall during a storm or emergency event and the installation of underground power lines.
Potential Funding Sources	Grants and Municipal Budget	Grants and Municipal Budget	FEMA HMGP

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 Upper Brookville |

NYS DHSES Action Worksheet			
Project Name:	Sheltering Needs		
Project Number:	VUB_1		
Risk / Vulnerability			
Hazard of Concern:	Severe Weather and Wind Events		
Description of the Problem:	When severe weather strikes, residents could be without power for extended periods of time. Without power, they may not have the following sheltering needs: electricity, heat, air conditioning, phone service, cooking facilities, food storage, hot water, sanitary systems, security systems, sleeping equipment, electric car and phone charging ability.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide residents with sheltering services at a Community Center in the new Village Hall in times of severe weather and wind events. The Village plans to start construction of the new Village Hall in 2021 on their vacant lot at the intersection of Wolver Hollow/Chicken Valley Road. The plans include a natural gas generator.		
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:	Semi-Annually	Estimated Benefits (losses avoided):	Provide a location for residents to get basic services when severe weather strikes.
Useful Life:	20 years		
Estimated Cost:	\$20,000		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	One to two years
Estimated Time Required for Project Implementation:	Community Center will be available to residents upon completion of new Village Hall 2021/22	Potential Funding Sources:	Grants, Municipal Budget
Responsible Organization:	Village Clerk/Treasurer's Office	Local Planning Mechanisms to be Used in Implementation, if any:	
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	No sheltering services provided to residents.
	Create a severe weather/wind event tool kit informing residents how to prepare.	\$2000	While tool kit informs, it will not provide essential sheltering needs.
	Set up a Storm Camp on Village property.	\$50,000 or more	Provide security, sanitary, electricity, tents, propane.
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 <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 Upper Brookville

NYS DHSES Action Worksheet			
Project Name:	Tree Survey		
Project Number:	VUB_2		
Risk / Vulnerability			
Hazard of Concern:	Wind, Tropical Storms and Hurricanes, Severe Weather.		
Description of the Problem:	Trees that fall on electric lines during severe weather can cause extended power outages to residents. The high winds and rains of Superstorm Sandy caused power outages to residents in excess of two weeks.		
Action or Project Intended for Implementation			
Description of the Solution:	Create a plan that identifies trees in the Village, along right of way's (ROW's) on Village, Private, County & State roads, that should be pruned/removed to reduce/eliminate the problem.		
Is this project related to a Critical Facility?		Yes	No <input checked="" type="checkbox"/>
<small>(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)</small>			
Level of Protection:	Multiple Times Per Year	Estimated Benefits (losses avoided):	Continued electric service to residents.
Useful Life:	Five years		
Estimated Cost:	\$75,000		
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within six months
Estimated Time Required for Project Implementation:	One month	Potential Funding Sources:	Grants and municipal budget
Responsible Organization:	Clerk/Treasurer's Office	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	
	Tree removal on Village/Private roads only.	\$50,000	Would only benefit residents on Village and Private roads
	Tree removal on State and County roads in the Village only.	\$25,000	Would only benefit residents on County and State roads in Village
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 Upper Brookville

NYS DHSES Action Worksheet			
Project Name:	Emergency Generator Installation at Critical Facility		
Project Number:	VUB_3		
Risk / Vulnerability			
Hazard of Concern:	All hazards that cause power outages		
Description of the Problem:	When there are prolonged power outages, the Village Hall can longer provide its critical services.		
Action or Project Intended for Implementation			
Description of the Solution:	A fixed, emergency generator to be installed in Village Hall to ensure continued service at this critical facility during a storm or emergency event, and the installation of underground power lines.		
Is this project related to a Critical Facility?		Yes	<input checked="" type="checkbox"/>
		No	<input type="checkbox"/>
(If yes, this project must intend to protect to the 500-year flood event or the actual worst damage scenario, whichever is greater.)			
Level of Protection:	Power outages / multiple hazard types	Estimated Benefits (losses avoided):	Continued service at Village Hall during a storm or emergency event and the installation of underground power lines.
Useful Life:	25 – 30 Years		
Estimated Cost:	\$100,000		
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 Upper Brookville	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	
	A solar panel system and battery storage could be used	\$50,000-\$150,000 depending on size and number of panels	This is a short-term solution that may not be feasible for extended operations and some weather conditions
	Could rent a full size generator or use portable units	\$20,000-\$40,000 depending on length of outage	This would not be possible for sudden power loss because it takes time to setup and it would not be possible to obtain units
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.
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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.		