

## 9.14: Town of Hammonton – Jurisdictional Annex

### Summary of Hazards and Actions

Summary of Hazard Ranking and Actions, Town of Hammonton			
Hazard	Hazard Ranking	# of Related Actions	Action #s
<b>Atmospheric Hazards</b>			
Extreme Temperatures	M	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Extreme Wind	M	9	1, 3, 4, 6, CF-3, CF-4, CF-5, CF-6, CF-7
Hail	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Hurricane & Tropical Storm	H	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Lightning	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Nor'easter	M	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Tornado	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Winter Storm	M	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
<b>Hydrologic Hazards</b>			
Coastal Erosion	N/A		
Sea Level Rise	N/A		
Dam Failure	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Levee Failure	N/A		
Drought	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Flood	H	15	1, 3, 4, 7, 8, 9, 10, 12, 17, CF-1, CF-3, CF-4, CF-5, CF-6, CF-7
Tsunami	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Storm Surge	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
Wave Action	N/A		
<b>Geologic Hazards</b>			
Earthquake	L	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7
<b>Other Natural Hazards</b>			
Wildfire	M	8	1, 3, 4, CF-3, CF-4, CF-5, CF-6, CF-7

# Mitigation Strategy for Risk Reduction

Overview of Municipal Mitigation Strategy, Town of Hammonton				
Project Number	Project Description	Hazard(s) Addressed	Priority	Goals
1	Install power switches at local gas stations and in other locations to use a mobile generator to purchase fuel for response vehicles	All	H	2
3	Retrofit locations (multiple locations) to accept mobile generators (generators under separate action worksheet)	All	H	3
4	Convert existing generator to use alternate fuel/ energy source	All	H	2
6	Use Town CFMP & other means to remove trees that cause a hazard to power lines/ buildings & roadways	Extreme wind	H	3
7	Identify flood prone properties in the A-Zone for reference and possible acquisition	Flood	H	3
8	Complete conceptual design to provide flooding relief, Anderson Ave	Flood	H	3
9	Desilt, desnag stream corridors, replace damaged pipe, provide areas for stream water during heavy rain events	Flood	M-H	3
10	Achieve / maintain CFM certification for floodplain manager	Flood	H	2
17	Identify location of repetitive loss property and mitigation options, assist owner with FEMA grant application if willing to participate <b>(new)</b>	Flood	H	3
CF-1	Clean/manage basins on evacuation route	Flood	H	3
CF-3	Public awareness program	All	H	1
CF-4	Send code enforcement officer to training to improve education	All	M	2
CF-5	County review of Natural Disaster plans	All	M	4
CF-6	hold workshop to educated town staff/ volunteers	All	M	2
CF-7	Integration of Hazzard Mitigation Plans into development plans	All	H	4

More detailed information on these individual actions is presented at the end of this annex.

## Contact Information

The Town of Hammonton's Statement of Authority to Participate identified a Primary Point of Contact and an Alternate for this hazard mitigation plan update. These individuals represented the jurisdiction on the county-wide Core Planning Group and led a local team of Jurisdictional Assessment Team Members who undertook various local activities related to the plan update.

HAZARD MITIGATION PLAN POINTS OF CONTACT						
Primary Point of Contact			Alternate Point of Contact			
Name: Chief Kevin J. Friel Title: Chief of Police/OEM Coordinator Department: Police Address: 100 Central Avenue, Hammonton, NJ 08037 Phone Number: 609-561-4000 ext 223 E-mail Address: kfriel@townofhammonton.org			Name: Lt. Edward Slimm Title: Police Lieutenant / Deputy OEM Coordinator Department: Police Address: 100 Central Avenue, Hammonton, NJ 08037 Phone Number: 609-561-4000 ext 233 E-mail Address: eslimm@townofhammonton.org			
Jurisdictional Assessment Team Members						
Please fill in the contact details for the person filling in this page:						
Name:	Chief Kevin Friel					
Title:	Chief of Police					
Community Name:	Town of Hammonton					
County:	Atlantic County, NJ					
Email:	<a href="mailto:kfriel@townofhammonton.org">kfriel@townofhammonton.org</a>					
Phone:	609-561-4000 x223					
*Note: If your community does not have someone filling the role of a position title in Column A, please insert the word "none" in Column B. Thank you.						
Local Jurisdiction Role/Position	Name	Email	Phone	Date of Invitation	Method of Invitation	Agreed to participate?
Mayor/Supervisor	Steve DiDonato	<a href="mailto:sdidonato@townofhammonton.org">sdidonato@townofhammonton.org</a>	609-561-4300 x400	06/21/21	in person	yes
Administrator	Frank Zuber	<a href="mailto:fzuber@townofhammonton.org">fzuber@townofhammonton.org</a>	609-561-4300 x121	06/21/21	in person	yes
Clerk	Frank Zuber	<a href="mailto:fzuber@townofhammonton.org">fzuber@townofhammonton.org</a>	609-561-4300 x121	06/21/21	in person	yes
Engineer	ARH	<a href="mailto:dcell@arh-us.com">dcell@arh-us.com</a>	609-561-0482	06/21/21	in person	yes
Attorney	Michael Malinsky	<a href="mailto:mmalinsky@foxrothschild.com">mmalinsky@foxrothschild.com</a>	609-572-2331	06/21/21	in person	yes
Building Code Official	Mark Rodgers	<a href="mailto:mrodgers@townofhammonton.org">mrodgers@townofhammonton.org</a>	609-561-4300 x121	06/21/21	in person	yes
Emergency Manager	Chief Kevin Friel	<a href="mailto:kfriel@townofhammonton.org">kfriel@townofhammonton.org</a>	609-561-4000 x223	06/21/21	in person	yes
Fiscal/Budget Officer	Frank Zuber	<a href="mailto:fzuber@townofhammonton.org">fzuber@townofhammonton.org</a>	609-561-4300 x121	06/21/21	in person	yes
Floodplain Manager	AJ Berenato	<a href="mailto:aberenato@townofhammonton.org">aberenato@townofhammonton.org</a>	609-561-4300 x121	06/21/21	in person	yes
Planner	Robert Vettese	<a href="mailto:rvettese@townofhammonton.org">rvettese@townofhammonton.org</a>	609-561-4300 x101	06/21/21	in person	yes
Public Works Director	Robert Vettese	<a href="mailto:rvettese@townofhammonton.org">rvettese@townofhammonton.org</a>	609-561-4300 x101	06/21/21	in person	yes

Town of Hammonton has reported undertaking the following internal activities in preparation of its mitigation plan:

Subject of JAT Activity (Meeting Notice, Emails, Etc.)	Date	INVOLVED PARTIES - Place an 'x' for any position title that participated											
		Mayor/ Supervisor	Administr- ator	Clerk	Engineer	Attorney	Building Code Official	Emergency Manager	Fiscal/Budget Officer	Floodplain Manager	Planner	Public Works Director	
kick off meeting invitation	06/21/21	y	y	y	y	y	y	y	y	y	-	y	y
Discussed at council meeting & public outreach	06/21/21	y	y	y	y	y	y	y	y	y	-	y	y
Discussed on media release Chat with Chief	07/01/21								y				
Discussed at council meeting & public outreach	07/26/21	y	y	y	y	y	y	y	y	y	-	y	y

## Governing Body Format

The governing body is comprised of the Mayor and the Town Council, with all positions elected at-large on a partisan basis as part of the November general election. The Mayor is elected to a four-year term. The Town Council is comprised of six members elected to serve two-year terms on a staggered basis, with three seats coming up for election each year.

## Land Use and Development Trends

An evaluation of growth and development trends was undertaken by each participating jurisdiction as part of the development of the initial plan in 2010, and the last update in 2016. As part of this second plan update, Town of Hammonton reviewed and updated its prior feedback to reflect current conditions as of mid-2021.



### Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update *Worksheet #3 – Growth and Development Trends Update*

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Performing an assessment of Growth and Development Trends is one step of a FEMA-approved hazard mitigation plan update. This look into the future is important because development in hazard areas could put more assets at risk and, in turn, could work to increase potential disaster-related damages at a time when the mitigation plan's purpose is to reduce the potential for damages emanating from natural disasters. Growth/development trends are based on the construction of new buildings, demolition of old buildings, or the planning, zoning or subdivision of new areas for development. A stagnant or decreasing population alone is not reason for stating that no development has occurred, unless backed up by a lack of development.

An evaluation of growth/development trends was undertaken by each participating jurisdiction as part of the development of the 2016 plan. Your municipality's prior response from 2016 is included on the next page in Part 1. Please review your community's prior feedback and identify any changes that have occurred since that time so the most current information can be reflected in this 2021 plan update. In addition, please provide responses for Part 2.

Information for the 2016 plan was provided to us by: Frank Domenico, Jr., Construction Code Official / Fire Official

Your Name: [ Mary Joan Wyatt – Tax Assessor ]

Title: [ Tax Assessor – Town of Hammonton ]

Community: [ Hammonton ]

Email and Phone: [ [mwyatt@townofhammonton.org](mailto:mwyatt@townofhammonton.org) 609-567-4300 x115 ]

Part 1 – Please update your response from 2016 to reflect current conditions in the community.

Community	<p><b>1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan.</b> Please describe development trends occurring within your jurisdiction, such as the predominant types of development occurring, location, expected intensity, and pace by land use. While details are preferred, it is ok if your feedback is qualitative and quite general, such as "high-occupancy, high-density residential development is occurring near the waterfront".</p>	<p><b>1a. Please update your response to reflect conditions in 2021</b></p>	<p><b>Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan.</b> Does your jurisdiction enforce regulations/ordinances/codes to protect new development from the effects of natural hazards? (Some examples might be floodplain management ordinances enforcing FEMA's NFIP for new development or substantial improvements in the floodplain; steep slope ordinances for community's which may have landslide hazards; earthquake resistant design criteria and/or high wind design criteria; or buffer zones in wildfire hazard areas.) If so, please describe.</p>	<p><b>2a. Please update your response to reflect conditions in 2021</b></p>
<p><b>Hammonton, Town of</b></p>	<p>The Town of Hammonton uses a zone map to determine construction and development of all building within the Town. The map contains info from New Jersey Pinelands and Wetlands to determine building feasibility on said locations. Hammonton also works closely with Adams Rehman &amp; Hegan for all stormwater, flood water run off during pre and post construction projects to ensure proper planning of said construction. Hammonton Planning Board follows all State and Federal mandates prior to and during construction approvals.</p>	<p>[The Town of Hammonton uses a zone map to determine construction and development of all building within the Town. The map contains info from New Jersey Pinelands and Wetlands to determine building feasibility on said locations. Hammonton also works closely with Adams Rehman &amp; Hegan for all stormwater, flood water run off during pre and post construction projects to ensure proper planning of said construction. Hammonton Planning Board follows all State and Federal mandates prior to and during construction approvals.</p>	<p>The Town of Hammonton follows the Comprehensive Code Management Plan to ensure all new construction within the Town is built to up to date codes for all fire, flood, hurricane and any natural hazards that exist. Hammonton further enforces all uniform building code with a full time code enforcement officer appointed by City officials. Any non-compliant persons are cited and brought to municipal court to face hearing and possible fine until such time that owner remedies issue at hand. The Town follows a uniform construction code that is very comprehensive in scope and gets updated annually for currency.</p>	<p>[The Town of Hammonton follows the Comprehensive Code Management Plan to ensure all new construction within the Town is built to up to date codes for all fire, flood, hurricane and any natural hazards that exist. Hammonton further enforces all uniform building code with a full time code enforcement officer appointed by City officials. Any non-compliant persons are cited and brought to municipal court to face hearing and possible fine until such time that owner remedies issue at hand. The Town follows a uniform construction code that is very comprehensive in scope and gets updated annually for currency.</p>



## National Flood Insurance Program Summary

Town of Hammonton has participated in FEMA's National Flood Insurance program (NFIP) since 1982.

National Flood Insurance Program Data Town of Hammonton	
Total number of policies <sup>1</sup>	32
Insurance in force <sup>2</sup>	\$9,435,100
Total number of losses during NFIP participation	15
Total claims paid during NFIP participation	\$21,002
Non-Mitigated Repetitive Loss Properties	1
Non-Mitigated Severe Repetitive Loss Properties	0

Hammonton does not participate in the NFIP's Community Rating System (CRS).

Hammonton provided the following NFIP Administrator Input in 2021, for inclusion in the 2022 Plan.

<sup>1</sup> Policies in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21.

<sup>2</sup> Insurance in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21

Name: Robert Vettese Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Community: Town of Hammonton Email and Phone: rvettese@townofhammonton.org 609-567-4300 x101



### Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update - *Worksheet #2 - NFIP*

*Note: Data showing in the form at this time was provided for the 2016 plan by: Frank Domenico. This form should be updated by your floodplain administrator.*

*Hammonton: Your last WS2 was provided to us in hand-written PDF. We have done our best to transpose your responses here. For your convenience and reference, screenshots of your prior submittal are also included at the end of this document.*

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP <sup>1</sup>	Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator)	Is this person is a Certified Floodplain Manager?	Is floodplain management an auxiliary function?	Is your community in good standing with the NFIP?		
<u>6/27/88</u>	<u>1/6/82</u>	<u>Construction Official / Town Engineer/ Public Works Dept.</u>	<u><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</u>	<u><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</u>	<u><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</u>		
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
<u>The construction official and town engineer work closely together to follow the ordinances and code of the town. Presently working with State and County public works to inspect, clear debris, desilting, and de-snagging the drainage corridors.</u>							
Describe barriers to running an effective NFIP program in the community (if applicable):							
<u>Ongoing information sharing with elected/appointed and professional officials and obtaining rights-of-entry along drainage corridors.</u>							
When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?*	Is a CAV or CAC scheduled or needed?	Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe how.	Is training of staff regarding NFIP issues planned?	Does your community intend to continue to enforce the floodplain management requirements including regulating new construction in Special Flood Hazard Areas (SFHAs)?	Does your community participate in the CRS? If so, state your Class.	Does your community intend to continue its participation in the CRS program?	If your community is not currently participating in the CRS program, are you intending to initiate the process during the next planning cycle?
<u>n/a</u>	<u><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</u>	<u><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</u>	<u><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</u>	<u><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</u>	<u><input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Class <u>    </u></u>	<u><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</u>	<u><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</u>
*Describe any outstanding compliance issues (i.e., current violations):							
<u>N/A</u>							

Name: [ Robert Vettese ]Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator



Representing: [ Town of Hammonton ]Email and Phone [rvettese@townofhammonton.org](mailto:rvettese@townofhammonton.org) 609-567-4300 x101

**Provide an explanation of your local floodplain permitting process:**

**[Follow all local, state, and Pineland regulations which are extensive]**

Does your community intend to continue floodplain identification and mapping services including any local requests for map updates?	Does your community intend to initiate/continue the buyouts of repetitive loss properties?	Does your community intend to commit staff or resources to improve local mapping or code administration in the future?	Does your community intend to provide local outreach to promote the sale of flood insurance?	Does your community intend to participate in RiskMAP meetings and planning initiatives?	Does your community intend to continue to implement structural improvements to mitigate against flooding - culverts, drainage basins, etc.?	Does your community intend to continue to implement home improvement programs designed to minimize basement flooding?	Does your community intend to continue to implement roadway improvements to reduce damage from future flooding events?	Does your community intend to implement plans and programs in coordination with a local or regional drainage/sewer authority?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your community intend to adopt the new FEMA Advisory Base Flood Elevations?	As Floodplain Manager, did you (or your predecessor at the time) actively participate in the development of the initial Hazard Mitigation Plan?		As Floodplain Manager, are you actively participating in the development of this Hazard Mitigation Plan Update?		Have there been any changes to your community's local floodplain management program since the last version of the plan?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

\* If you answered "yes", that there have been changes to your local program since the last version of the plan, please describe:

[ ]

**Provide a description of your community assistance and monitoring activities:**

No community assistance; however, monitoring is achieved by professionals working for the town and with oversight by the Town of Hammonton Quality of Life and Public Works Committees.

NFIP participating communities are required to update/revise their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to commit to this program requirement?

Yes  No

NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest FIRMs. Will your community continue to commit to this program requirement?

Yes  No

## Critical Facilities in Delineated Hazard Areas

Note that all assets and facilities in the Town of Hammonton are considered to be at risk from County-wide hazards: Hurricane/Tropical Storm, Nor'easter, Extreme Wind, Tornado, Winter Weather, Lightning, Extreme Temperatures and Earthquake.

Facility Name	Location	Facility Type	Flood, A Zone	Flood, V Zone (Wave)	Category 1-4 Storm Surge	Coastal Erosion	Sea Level Rise, 1 Ft	Sea Level Rise, 3 Ft	Dam Failure	Low to Moderate Wildfire	High to Extreme Wildfire
<b>Town of Hammonton</b>											
Hammonton Municipal	75 Academy Drive	Airport	0	0	0	0	0	0	0	0	0
WGYM 1580	Grand St	Communication Facility	0	0	0	0	0	0	0	0	1
Hammonton #2	US Route 30 White Horse Pike	Fire Station	0	0	0	0	0	0	0	0	0
Hammonton #1	Front Street and Passmore Avenue	Fire Station	0	0	0	0	0	0	0	0	0
Atlanticare Health Park	219 N White Horse Pike	Hospital	0	0	0	0	0	0	0	1	0
Hammonton, New Jersey	Egg Harbor Rd & Line St.	Passenger Rail Station	0	0	0	0	0	0	0	0	0
Hammonton Pd	100 Central Ave	Police Station	0	0	0	0	0	0	0	0	0
Atl Co Pros Office	1001 S. Grand St	Police Station	0	0	0	0	0	0	0	0	0
City Hall	1700 12Th Street	Public Works	0	0	0	0	0	0	0	1	0
Hammonton Yard	Atlantic 602	Public Works	0	0	0	0	0	0	0	0	1
Town Hall	100 Central Ave	Public Works	0	0	0	0	0	0	0	0	0
Warren E. Sooy, Jr. Elementary	601 N. Fourth Street	School	0	0	0	0	0	0	0	0	0
St. Joseph High School	101 Central Avenue	School	0	0	0	0	0	0	0	0	0
St. Joseph Grammar School	133 N. Third Street	School	0	0	0	0	0	0	0	0	0
Hammonton Middle School	N Liberty Street	School	0	0	0	0	0	0	0	0	0
Hammonton High School	White Horse Pike (rte. 30)	School	0	0	0	0	0	0	0	0	0
Hammonton Center For Rehabilitation And Healthcare	43 N White Horse Pike	Senior Care Facility	0	0	0	0	0	0	0	0	0
The Heritage Assisted Living	45 Route 206	Senior Care Facility	0	0	0	0	0	0	0	0	0
Hammonton WTPF	Pleasant Mills Road	Wastewater Treatment Facility	0	0	0	0	0	0	0	1	0
Hammonton WTPF	Pleasant Mills Road	Wastewater Treatment Facility	0	0	0	0	0	0	0	1	0

Facility Name	Location	Facility Type	Flood, A Zone	Flood, V Zone (Wave)	Category 1-4 Storm Surge	Coastal Erosion	Sea Level Rise, 1 Ft	Sea Level Rise, 3 Ft	Dam Failure	Low to Moderate Wildfire	High to Extreme Wildfire
Well 4	7 Main Road	Water Supply Facility	0	0	0	0	0	0	0	0	0
Well 5	495 14th Street	Water Supply Facility	0	0	0	0	0	0	0	1	0
Main Water Plant	13 Lincoln Street	Water Supply Facility	0	0	0	0	0	0	0	1	0
Well 9	123 Benson Avenue	Water Supply Facility	0	0	0	0	0	0	0	1	0
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>2</b>

## Summary of Estimated Potential Losses from Hazards

Estimated annual losses provided in this section are based on best available data, and the methodologies applied result in an approximation of risk. Loss estimates should be used to understand relative risk from hazards.

Uncertainties are inherent in any loss estimation methodology, arising in part from incomplete scientific knowledge concerning natural hazards and their effects on the built environment. Uncertainties also result from approximations and simplifications that are necessary for a comprehensive analysis (i.e., incomplete inventories, demographics or economic parameters).

It is important to note that this table reflects estimates of average annual damages. For any hazard, individual event damages could be substantially (orders of magnitude) higher.

Only hazards for which annual losses were quantified and presented in Section 3C are included in this table.

Summary of Estimated Potential Losses From Hazards		
Town of Hammonton		
Quantified Hazard	Annualized Loss	Annual Loss Ratio
Extreme Wind	\$377,000	0.033%
Hurricane and Tropical Storm	\$377,000	0.020%
Lightning	\$3,200	0.000%
Tornado	\$1,000	0.000%
Drought*	\$1,751,000	5.000%
Winter Storm	\$10,300	0.001%
Coastal Erosion	\$0	0.000%
Flooding (Riverine)	\$68,000	0.003%
Storm Surge (Coastal Flooding)	\$0	0.000%
Earthquake	\$32,000	0.002%

\*Derived from crop values

## Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Town of Hammonton undertook various activities to: (a) alert the public and other stakeholders to the fact that the HMP Planning Committee was working to develop the update; and (b) provide the public and other stakeholders with a forum to ask questions and submit comments and suggestions on the process. Outreach activities undertaken by Town of Hammonton included those listed below. No comments were recorded as a result of the outreach activities.

Outreach Activities			
Date of Activity	Type of Activity	Activity Details	Lead Department and/or Staff Title who Undertook Activity
6/21/2021	Public Meeting	Discussed HMP at town council meeting & explained to elicit community involvement	OEM Chief Friel
7/01/2021	Video Media Release	Discussed HMP at on Chat with Chief & explained to elicit community involvement	OEM Chief Friel
7/05/2021	Website post	Posted about HMP on town website & explained to elicit community involvement	OEM Chief Friel
7/26/2021	Public Meeting	Discussed HMP at town council meeting & explained to elicit community involvement	OEM Chief Friel

## Capability Assessment

This section describes the following capabilities of Town of Hammonton :

- Legal and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community resiliency
- Community political capability

As part of the 2022 Plan update, each participating jurisdiction reevaluated the capabilities they had provided for the 2016 Plan, and sent updates to the consultant for incorporation into this plan section. Town of Hammonton has reviewed its responses from the 2016 Plan and has updated its prior feedback to reflect present-day conditions.

Legal and Regulatory Capability	
Regulatory Tools (Codes, Ordinances, Plans)	Do you have this?
Building Code	Y
Zoning Ordinance	Y
Subdivision Ordinance	Y
Special Purposes Ordinance	Y
Growth Management Ordinance	Y
Site Plan Review Requirements	Y
Comprehensive Plan	Y
Capital Improvements Plan	Y
Economic Development Plan	Y
Emergency Response Plan	Y
Post-Disaster Recovery Plan	Y
Post-Disaster Recovery Ordinance	Y
Real Estate Disclosure Ordinance	N
Evacuation Plan	Y

<b>Administrative and Technical Capability</b>	
<b>Regulatory Tools (Codes, Ordinances, Plans)</b>	<b>Do you have this?</b>
Planner(s) with knowledge of land development and management practices	Y
Engineer(s) with knowledge of land development and management practices	Y
Planner(s) or engineer(s) with knowledge of land development and management practices	Y
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Y
Planner(s) or engineer(s) with an understanding of natural and/or human caused hazards	Y
Floodplain manager	Y
Surveyors	Y
Staff with education or expertise to assess the community's vulnerability to hazards	Y
Personnel skilled in GIS and/or HAZUS	Y
Scientists familiar with the hazards of the community	N
Emergency Manager	Y
Code Enforcement Official	Y
Public Works or Highway Superintendent	Y
Emergency Management Coordinator	Y

<b>Fiscal Capability</b>	
<b>Financial Resources</b>	<b>Accessible or Eligible to use</b>
Community Development Block Grants (CDBG)	Y
Capital Improvements Project Funding	Y
Authority to Levy Taxes for Specific Purposes	Y
Fees for Water, Sewer, Gas, or Electric Service	Y
Impact Fees for Homebuyers or Developers for New Developments/Homes	Y
Incur Debt through General Obligation Funds	Y
Incur Debt through Special Tax and Revenue Bonds	N
Incur Debt through Private Activity Bonds	N
Withhold Spending in Hazard-Prone Areas	Y
Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds)	N

Would you classify your community's <u>legal and regulatory</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>technical</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>fiscal</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>administrative</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your political leadership's willingness to enact policies and programs that reduce hazard vulnerabilities in your community as high, moderate, or low <u>- even</u> if met with opposition? (i.e., guiding development away from identified hazard areas)?
M	H	M	M	H
<p><b>Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.</b></p>				
<p>Inform M&amp;C of identified possible gaps in capabilities; provide time for training in areas identified; inform staff of the County GIS assistance and capabilities; and work with professionals regarding areas of hazard.</p>				

## Plan Integration

It is the intention of Town of Hammonton to incorporate mitigation planning as an integral component of daily municipal operations. The balance of this subsection describes local accomplishments over the last planning cycle (2016-2021), and targeted activities for the next planning cycle (2022-2027), as reported by the Town's CPG member and shared with the consultant for incorporation here.

Demonstration of Progress over the Last Planning Cycle (2016-2021) – Town of Hammonton undertook the following plan integration mechanisms over the last planning cycle:

*The local OEM CPG member did not issue a letter to each department head to solicit their support and explore opportunities for further integration of hazard mitigation into the daily activities of the community as a whole. There The municipality has begun to steer growth and development away from high-risk locations. It has done so using the risk assessment from the hazard mitigation plan as a tool to monitor future updates of community land use plans, zoning and subdivision codes and the development review process. The municipality has begun to modify work plans, policies or procedures to include hazard mitigation concepts/activities but it has not revised job descriptions to include mitigation-related duties to further institutionalize mitigation.*

*The municipality is starting directives to require departments/agencies in the community to carry out certain hazard mitigation activities and part of such is requiring the Department of Public Works to inspect and clean debris from streams and ditches more frequently. This is being accomplished in a co-operative effort with the county and state agencies for assistance with natural hazard mitigation activities.*

*The municipality has added hazard vulnerability to subdivision and site plan review criteria.*

*We have not reached out to colleges and universities for technical assistance with natural hazard mitigation activities. The municipality has adopted and enforcing a local stormwater management plan/ordinance and is reducing the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying where needed.*

*We are using the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post disaster recovery plan and implementing hazard mitigation activities through existing plans and policies. We also have had training on best practices for hazard mitigation for local government staff.*

Targeted Plan Integration Activities for the Next Planning Cycle (2022-2027) – Town of Hammonton plans to implement the following plan integration mechanisms into local government operations from this point forward through the next planning cycle:

*We will garner support from each department head to for participation in exploring opportunities for further integration of hazard mitigation into the daily activities of the community as a whole. The Town will continue to steer growth and development away from high-risk locations by using the risk assessment from the hazard mitigation plan as a tool to*

*monitor future updates of community land use plans, zoning and subdivision codes and the development review process.*

*The municipality will continue to modify work plans, policies or procedures to include hazard mitigation concepts/activities. Revisions of job descriptions will include mitigation-related duties to further institutionalize mitigation.*

*The Town will continue to issue directives to require departments/agencies in the community to carry out certain hazard mitigation activities. The Town will continue to require the Department of Public Works to inspect and clean debris from streams and ditches frequently and request the same from the County of Atlantic and State of NJ. The Town will continue to obtain right-of-way permissions to keep areas clear of debris and flowing. The municipality will involve and request interaction and from state and county agencies for assistance with natural hazard mitigation activities.*

*The municipality has added hazard vulnerability to subdivision and site plan review criteria. The municipality will continue to enforce a local stormwater management plan/ordinance and reduce the vulnerability of future development in high hazard areas by reviewing development regulations, and modifying them where needed.*

*The municipality will continue to use the risk assessment to inform future updates of the community emergency operations plan, evacuation plan, and/or post disaster recovery plan and continue to implement hazard mitigation activities through existing plans and policies. The municipality will continue to have and attend training on best practices for hazard mitigation for local government staff and will work towards have a certified Flood Plains Manager.*

## **Mitigation Strategy**

This subsection sets forth the mitigation strategy for Town of Hammonton. It describes, in the following order:

- Progress on 2016 Plan Actions
- Hazard Mitigation Accomplishments
- Proposed 2022 Plan Mitigation Actions
- Action Worksheets

### **Progress on 2016 Plan Actions**

The following table was completed by the Town of Hammonton JAT Committee Members. It summarizes the progress that was made on the local hazard mitigation initiatives that were set forth in the last version of the plan in 2016.

Town of Hammonton has identified no major changes in priorities since the last version of the plan.

PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES												
2016 Plan Initiative Number	Mitigation Initiative Description	2016 Plan Priority	Hazard(s) Mitigated	Lead and Support Agencies	Status				Status Details	Relevance		Relevance Details
					Completed	Initiated but Not Completed	Ongoing Type of Activity	Not Initiated		Still Relevant - Carry Forward to Updated Mitigation Strategy	No Longer Relevant - Omit from Updated Mitigation Strategy	
1	Install power switches at local gas station and in other locations to use mobile generator	High	All	BA/PWM & Police Chief				x	not feasible at present time	x		Search for grants to assist
2	Fourth Street water tower -purchase a generator for power failure to maintain communications	High	All	Jerry Barberio, BA/PWM	x						x	
3	Retrofit public buildings and critical facilities to accept mobile generators	High	All	BA/PWM				x	financial	x		Search for grants to assist
4	Convert existing generator to use alternate fuel energy source	High	All	BA/PWM				x	financial	x		Search for grants or funding to assist
5	Purchase and install generator for DPW facility	High	All	DH-DPW & BA/PWM	x						x	
6	Use town community forestry management plan and other means to remove trees that cause a hazard to power lines / buildings	High	Wind	BA/PWM			x			x		Planning and funding to remove trees that my cause damage to infrastructure
7	Identify floodprone properties (development in the A-zone) for reference and possible acquisition	High	Flooding	Town Engineer / Code Official				x		x		search for funding
8	Anderson Ave - Provide collection at roadway low points. Provide stormwater retainage through perforated pipe and leaching points and overflow drains.	High	Flooding	Robert A. Vettese Town Engineer's Office		X				x		still in progress fir roadway rehabilitation

PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES												
2016 Plan Initiative Number	Mitigation Initiative Description	2016 Plan Priority	Hazard(s) Mitigated	Lead and Support Agencies	Status				Status Details	Relevance		Relevance Details
					Completed	Initiated but Not Completed	Ongoing Type of Activity	Not Initiated		Still Relevant - Carry Forward to Updated Mitigation Strategy	No Longer Relevant - Omit from Updated Mitigation Strategy	
9	Desilt and desnag stream corridor. Replace damaged or restricted pipe, provide areas for stormwater impoundments during heavy rain events	Medium / High	Flooding	Rboer A. Vettese Town Engineer's Office			x			x		Working co-operatively with County and State to keep stream corridors free and clear for drainage
10	Achieve / maintain floodplain manager certification (CFM)	High	Flooding	Construction Official				x		x		send individual(s) to certification training
11	13th Street - Install inlets, new cross drain and outlet to existing swale. Clean swale.	High	Flooding	Robert A. Vettese Town Engineer's Office	x						x	
12	Valley Ave / Broadway - Install inlets and perforated pipe to assist in stormwater recharge, and replace existing deteriorated undersized pipe	High	Flooding	David Calla Town Engineer's Office	x				work in progress			working with county
13	Pratt Street - Remove existing corrugated metal and clay drainage pipe. Install new reinforced concrete pipe and inlets.	High	Flooding	Robert A. Vettese Town Engineer's Office		x					x	
14	Weymouth Road County Rte 640 - Install inlets, replace undersized pipe, provide recharge and overflow	High	Flooding	Robert A. Vettese Town Engineer's Office	x						x	
15	Remove existing sump inlets and install four new inlets and pipe to connect to existing line to alleviate flooding at intersection of 2nd Street and Grape Street	High	Flooding	Robert A. Vettese Town Engineer's Office	x				x		x	
16	Replace existing pipe, construct swales and storage recharge areas	Medium / High	Flooding	Robert A. Vittore Town Engineer's Office	x						x	
CF1	Clean/ manage basins on evacuation route	High	Flooding	BA/PWM			x		ongoing operations	x		Working with County and State to ensure clear basins

PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES												
2016 Plan Initiative Number	Mitigation Initiative Description	2016 Plan Priority	Hazard(s) Mitigated	Lead and Support Agencies	Status				Status Details	Relevance		Relevance Details
					Completed	Initiated but Not Completed	Ongoing Type of Activity	Not Initiated		Still Relevant - Carry Forward to Updated Mitigation Strategy	No Longer Relevant - Omit from Updated Mitigation Strategy	
CF2	1st Road / Jacob Street - Eliminate street flooding and property damage by drainage improvements to repair pipe, provide storage and overflow	High	Flooding	Robert A. Vettese Town Engineer's Office	x						x	
CF3	Public awareness program	High	All	Office of Emergency Management / Chief Robert Jones				x		x		Exploring media to create awareness programs
CF4	Send code enforcement official to course / improve education	Medium	All	Frank Domenico, CEO			x		ongoing initiative	x		ongoing initiative
CF5	County review of ND Plan	Medium	All	Town Engineer				x		x		
CF6	Hold workshop to educate town staff / volunteers on hazard mitigation issues	Medium	All	Code Official / Engineer/ Planner			x		ongoing initiative	x		ongoing initiative
CF7	Review hazard mitigation plan and include in new development plans	High	All	Code Official / Engineer/ Planner			x		ongoing initiative	x		ongoing initiative

## Hazard Mitigation Accomplishments (2016-2021)

The State of New Jersey 2019 HMP (Section 3, Page 3-30) requires identification of mitigation activities as an essential element of a local plan review. Information on the status of long-range mitigation strategies shall be contained in the original plan. Self-funded mitigation initiatives as well as past FEMA funded projects should be documented. The following table summarizes past mitigation accomplishments in Town of Hammonton since the last version of the plan was adopted in 2016.

Past Mitigation Accomplishments				
Project	Status		Funding Source	Relationship to Plan
	Approved/Active Year	Completed Year		
Fourth Street water tower - purchase a generator for power failure to maintain communications	2017	2017	local	#2
DPW generator		Jul-05	state grant	#5
13th Street		2018	Local	#11
Pratt Street		2018	Local	#13
Weymouth Road County Rte 640				#14, 15,16
1st Road / Jacob Street		2015	local	#CF2

## Proposed 2022 Plan Mitigation Actions

The process for selection and prioritization of mitigation actions is described in greater detail in Section 6 of the main text. The outcomes of that overall process are summarized here.

This plan proposes the actions determined to be the most appropriate for the resources and capabilities of Town of Hammonton based on the experience of local officials, with input from the public and other stakeholders. Potential actions were reviewed relative to potential financial as well as administrative and legal costs and the degree to which they would be endorsed by the public. Potential actions were reviewed during the meetings relative to their potential benefit of effectiveness in saving lives, protecting the natural environment, and reducing disruption and damage. Actions selected by each jurisdiction include activities to protect existing and future structures and infrastructure and enhance community resilience.

Part of enhancing community resilience involves adapting to a changing climate. This plan's risk assessment includes information on climate change as part of the hazard vulnerability analysis and contain strategies/projects to address increased vulnerability that may result from climate change. By developing mitigating strategies and/or projects for hazards that are exacerbated by climate change, jurisdictions will better protect residents, avoid, or reduce damage to property and public infrastructure, and reduce personal hardship. Previous sections of this plan have presented information on how climate change may affect jurisdictional vulnerability or increased frequency of occurrence and/or severity in exposure to the identified hazards. Climate change is addressed by mitigating the various hazards that it exacerbates. Town of Hammonton has proposed a range of hazard mitigation initiatives to address their highest hazards including those hazards that are exacerbated by a changing climate.

Action priorities were determined by a qualitative prioritization process. A higher priority was assigned to projects where: the life/safety risk of taking no action was deemed to be unacceptably high; the project addresses one of the community's highest hazards and/or key risks; benefits were projected to equal or exceed project costs; critical facilities or key local assets were being protected; funding and staff resources were deemed to be sufficient and/or accessible for project implementation; the project is technically feasible and the community determined their legal authority to implement the action; negative environmental and/or social impacts were not identified during the assessment, or were very minimal; and/or where there was overall support for the project from the local community (government officials, public, and stakeholders).

Detailed Action Worksheets for each action item in the strategy are presented in the following pages.

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Town of Hammonton</i>
Community action number	<i>#1</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Fuel possibilities for emergency response vehicles.</i>
Risk finding	<i>During extended power outage, the Town is not able to obtain fuel.</i>
<b>Describing the Action</b>	
Action category	<i>Storm / Hazzard Response</i>
Action type	<i>Acquisition / Instration</i>
Action description	<i>Install power switches at local gas stations and in other locations to use a mobile generator to purchase fuel for response vehicles</i>
Existing, future &/or NA	<i>N/A</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protect lives &amp; ensure response of emergency personel</i>
Cost estimate	<i>\$100,000 / \$150,000 (Generator &amp; retrofit installation)</i>
Cost effectiveness (i.e., benefit/cost)	<i>High Due to multi-use equipment</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes - Agreements in place with vendor</i>
Environmental	<i>Yes</i>
Social	<i>Yes</i>
Administrative capability	<i>Outside help</i>
Local champion	<i>All Departmentts support / Mayor &amp; Council</i>
Other community objectives	<i>Emergency Response</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>BA, PWM, Police Chief</i>
Potential funding sources	<i>Grants</i>
Time line	<i>6 months - 18 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carry forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>3</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Retrofit Public Building / Critical Facilities</i>
Risk finding	<i>Upgrade generator capabilities @ shelter / cooling/ warming locations</i>
<b>Describing the Action</b>	
Action category	<i>Prevention / Sheltering</i>
Action type	<i>Acquisition / Retrofit</i>
Action description	<i>Retrofit locations (multiple locations) to accept mobile generators (generators under separate action worksheet)</i>
Existing, future &/or NA	<i>N/A</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protect Lives / continue emergency services</i>
Cost estimate	<i>\$50,000 retrofit installation only</i>
Cost effectiveness (i.e., benefit/cost)	<i>High</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes</i>
Environmental	<i>N/A</i>
Social	<i>Yes</i>
Administrative capability	<i>Outside help needed</i>
Local champion	<i>Yes - All Departments</i>
Other community objectives	<i>N/A</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>Codes</i>
Responsible party	<i>BA/ PWM</i>
Potential funding sources	<i>Grants</i>
Time line	<i>6 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carry forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>4</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Loss of Diesel fuel to run operation during hazzard</i>
Risk finding	<i>loss of diesel fuel will render generator @ Police department, utility, and other locations useless if not converted to natural gas</i>
<b>Describing the Action</b>	
Action category	<i>Prevention / Response effectiveness</i>
Action type	<i>Acquisition / Installation</i>
Action description	<i>convert existing generator to use alternate fuel/ energy source</i>
Existing, future &/or NA	<i>N/A</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protect lives</i>
Cost estimate	<i>&gt; \$200,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>High - cost benefit rate / positive</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes</i>
Environmental	<i>N/A</i>
Social	<i>Yes</i>
Administrative capability	<i>Outside Help needed</i>
Local champion	<i>Yes all departments support</i>
Other community objectives	<i>Capitol Improvement</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>Codes</i>
Responsible party	<i>BA/PWM</i>
Potential funding sources	<i>Grants</i>
Time line	<i>6 months - 18 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carry forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>6</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Severe wind</i>
Risk finding	<i>Use CFMP ( Community Forestsy Management Plan) computer by Town to eliminate Hazzard Trees</i>
<b>Describing the Action</b>	
Action category	<i>Infrastructure Protection</i>
Action type	<i>Prevention</i>
Action description	<i>Use Town CFMP &amp; other means to remove trees that cuase a hazzard to power lines/ buildings &amp; roadways</i>
Existing, future &/or NA	<i>Both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>High - Significent    Protect Lives / Prevent Loss</i>
Cost estimate	<i>\$150,000 - \$200,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Acceptable cost benefit</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes</i>
Environmental	<i>Yes</i>
Social	<i>Yes</i>
Administrative capability	<i>Outside Help needed</i>
Local champion	<i>Yes - Mayor / Council &amp; OEM staff</i>
Other community objectives	<i>N/A</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>Environmental Commission / Town Council</i>
Responsible party	<i>BA / PWM</i>
Potential funding sources	<i>Grant only</i>
Time line	<i>6-12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carry forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>7</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flood Zone A properties at risk</i>
Risk finding	<i>Identification is required to examine flood prone properties in the A-Zone</i>
<b>Describing the Action</b>	
Action category	<i>Statutorial or Acquisition</i>
Action type	<i>Identify flood prone properties</i>
Action description	<i>Identify flood prone properties in the A-Zone for reference and possible acquisition</i>
Existing, future &/or NA	
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protect / Save lives reduce damage to structures</i>
Cost estimate	<i>\$5,000-\$10,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>High Cost /Benefit - positive action</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes</i>
Environmental	<i>Yes</i>
Social	<i>Yes - homeowner on 2% &amp; developed as use A-zone</i>
Administrative capability	<i>Outside help is needed</i>
Local champion	<i>OEM team</i>
Other community objectives	<i>N/A</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>Codes/ engineering/ Planning</i>
Responsible party	<i>Town Engineer / Code Official</i>
Potential funding sources	<i>Grants or local budget</i>
Time line	<i>12-24 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>Carried over</i>

<b>Action Worksheet</b>	
<b>Your plan name</b>	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
<b>Your community name</b>	<i>Hammonton</i>
<b>Community action number</b>	<i>8</i>
<b>Assessing the Risk</b>	
<b>Hazard(s) addressed</b>	<i>Flooding within 2 areas of Anderson avenue</i>
<b>Risk finding</b>	<i>Flooding caused damage to area dwelling and business</i>
<b>Describing the Action</b>	
<b>Action category</b>	<i>complete conceptual design to provide flooding relief</i>
<b>Action type</b>	<i>Provide inlets, storm water recharge conveyance and overflow</i>
<b>Action description</b>	<i>Provide collection at roadway low points provide storm water recharge through perforated pipe and leaching pits and overflow drainage.</i>
<b>Existing, future &amp;/or NA</b>	<i>N/A</i>
<b>Evaluating the Action</b>	
<b>Losses avoided (i.e., benefits)</b>	<i>Relief from existing property and roadway flooding reduce risk from property damage and safety for the public</i>
<b>Cost estimate</b>	<i>\$100,000</i>
<b>Cost effectiveness (i.e., benefit/cost)</b>	<i>The relief from property damage and prevention to eliminate</i>
<b>Technical</b>	<i>The design approach went well in other applications within the Town</i>
<b>Political</b>	<i>the area residents, business, schoolbus pick up, and general public will benefit</i>
<b>Legal</b>	<i>We have been in discussions with residents adjacent to the project which appear receptive to easement requests</i>
<b>Environmental</b>	<i>storm water recharge provided with overflow potential</i>
<b>Social</b>	<i>the project will not only benefit the adjacent residents but also those traveling Anderson avenue</i>
<b>Administrative capability</b>	<i>presently in review by Town, PW, &amp; Transportation Committee</i>
<b>Local champion</b>	<i>PW department &amp; Town Council</i>
<b>Other community objectives</b>	<i>Project will benefit many and enhance traffic safety</i>
<b>Implementing the Action</b>	
<b>Priority</b>	<i>High</i>
<b>Local planning mechanism</b>	<i>Town engineers office and PWTC</i>
<b>Responsible party</b>	<i>Robert Vettese ARH &amp; Town Engineers office</i>
<b>Potential funding sources</b>	<i>Municipal budget &amp; FMA grants</i>
<b>Time line</b>	<i>Late fall</i>
<b>Reporting on Progress</b>	
<b>Action progress status</b>	<i>Completed</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	9
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flooding along stream corridor farm land, roadways &amp; Residences</i>
Risk finding	<i>Flooding to roadways is hazzard to traveling public, bussiness, farmland, and residences along the Cedar Branch Stream corridors</i>
<b>Describing the Action</b>	
Action category	<i>Preliminary study completed</i>
Action type	<i>drainage improvements, storage areas, cross draining</i>
Action description	<i>Desilt, desnag stream corridors, replace damaged pipe, provide areas for stream water during heavy rain events</i>
Existing, future &/or NA	<i>the propose dimprovementswill benefit motoring public, farmland, etc</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>safer roadways, residences, farmland, etc</i>
Cost estimate	<i>\$750,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>public safety and health concerns</i>
Technical	<i>preliminary can be used as a guide to complete project phases on a priority basis</i>
Political	<i>adjctal residences, health safety and welfare affected , farmland and roadwaysalong corridor</i>
Legal	<i>some easments along corridor obtained, we will need additional easements</i>
Environmental	<i>need approval from pinelands, atl co, NJDEP, SCD, stream encroachment</i>
Social	<i>The proposed improvements will benefit many</i>
Administrative capability	<i>outside funding or construction assitance will be needed</i>
Local champion	<i>Town Public works deapartment and Town council support</i>
Other community objectives	<i>benefit to many in project area along with municipal/County/ state roadways</i>
<b>Implementing the Action</b>	
Priority	<i>medium - high</i>
Local planning mechanism	<i>local public input meetings, review existing studies</i>
Responsible party	<i>Robert Vettese town engineers office</i>
Potential funding sources	<i>NJDOT, farm bureau, atl co, municipal budget, FMA</i>
Time line	<i>ongoing</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carried over</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>10</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Education of Staff / Floodplain Administrator</i>
Risk finding	<i>Fullfill certification status</i>
<b>Describing the Action</b>	
Action category	<i>staff education</i>
Action type	
Action description	<i>achive/ obtain certification</i>
Existing, future &/or NA	<i>N/A</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>increase knowledge of floodplain issues/ NFP</i>
Cost estimate	<i>TBD</i>
Cost effectiveness (i.e., benefit/cost)	<i>High</i>
Technical	<i>N/A</i>
Political	<i>high political support</i>
Legal	<i>yes</i>
Environmental	<i>n?a</i>
Social	<i>benefit to community</i>
Administrative capability	<i>Yes</i>
Local champion	<i>Administrative support</i>
Other community objectives	<i>n/a</i>
<b>Implementing the Action</b>	
Priority	<i>high</i>
Local planning mechanism	<i>n/a</i>
Responsible party	<i>construction official</i>
Potential funding sources	<i>local budget/ grants available</i>
Time line	<i>ongoing</i>
<b>Reporting on Progress</b>	
Action progress status	<i>Carried over</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>17</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>There is currently 1 property in Hammonton identified by the NFIP as Repetitive Loss/Severe Repetitive Loss Properties</i>
<b>Describing the Action</b>	
Action category	<i>Flood Prevention/elevation or structural project</i>
Action type	<i>Investigate mitigation options for repetitive loss property/properties</i>
Action description	<i>Identify location of repetitive loss property/properties &amp; assist owner with FEMA grant application if willing to participate</i>
Existing, future &/or NA	<i>Existing</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Future Residential flood losses</i>
Cost estimate	<i>\$100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes, it is cost effective</i>
Technical	<i>Yes, it is feasible</i>
Political	<i>Garner support of local and applicable county or state government</i>
Legal	<i>No apparent legal issues</i>
Environmental	<i>No apparent environmental issues</i>
Social	<i>No Social issues</i>
Administrative capability	<i>Hammonton OEM, Hammonton DPW, Mayor &amp; Council</i>
Local champion	<i>Hammonton OEM, Hammonton DPW, Mayor &amp; Council</i>
Other community objectives	<i>partnering residents with FEMA assistance to prevent future incident</i>
<b>Implementing the Action</b>	
Priority	<i>Medium</i>
Local planning mechanism	<i>Hammonton OEM, Hammonton DPW, Mayor &amp; Council</i>
Responsible party	<i>Hammonton OEM</i>
Potential funding sources	<i>FEMA grants, Blue Acres, municipal budget?</i>
Time line	<i>12-18 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>New action</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-1</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>reduce flooding caused by unmaintained retention basins</i>
<b>Describing the Action</b>	
Action category	<i>flooding protection</i>
Action type	<i>drainage improvements</i>
Action description	<i>clean/manage basins on evacuation route</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>reduce flood/ protection during evacuation event significantly reduces damage potential</i>
Cost estimate	<i>\$20,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>saves money compared to damage costs</i>
Technical	<i>yes</i>
Political	<i>yes</i>
Legal	<i>yes</i>
Environmental	<i>yes</i>
Social	<i>benefits all</i>
Administrative capability	<i>outside help will be needed</i>
Local champion	
Other community objectives	
<b>Implementing the Action</b>	
Priority	<i>high</i>
Local planning mechanism	<i>DPW oversight</i>
Responsible party	<i>BA/PWM</i>
Potential funding sources	<i>\grants local staff time</i>
Time line	<i>12-24 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carried forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-3</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>All potential hazards</i>
Risk finding	<i>educate public on Hazard mitigation</i>
<b>Describing the Action</b>	
Action category	<i>Public education</i>
Action type	<i>education</i>
Action description	<i>public awareness program</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>N/A</i>
Cost estimate	<i>\$2,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>high benefit to cost</i>
Technical	<i>Yes</i>
Political	<i>yes</i>
Legal	<i>yes</i>
Environmental	<i>N/A</i>
Social	<i>impacts all segments of the population</i>
Administrative capability	<i>internal management</i>
Local champion	<i>yes</i>
Other community objectives	<i>support ongoing</i>
<b>Implementing the Action</b>	
Priority	<i>high</i>
Local planning mechanism	<i>OEM</i>
Responsible party	<i>OEM</i>
Potential funding sources	<i>Local Budget</i>
Time line	<i>6-12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carried forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-4</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Code enforcement issues</i>
Risk finding	<i>improve code enforcement of potential hazzards</i>
<b>Describing the Action</b>	
Action category	<i>staff education</i>
Action type	<i>prevention</i>
Action description	<i>send code enforcement officer to training to improve education</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>effective to protect public</i>
Cost estimate	<i>\$500 - \$1000</i>
Cost effectiveness (i.e., benefit/cost)	<i>high cost/benefit ratio</i>
Technical	<i>Yes</i>
Political	<i>yes</i>
Legal	<i>yes</i>
Environmental	<i>yes</i>
Social	<i>yes</i>
Administrative capability	<i>yes</i>
Local champion	<i>yes planning board / town council</i>
Other community objectives	<i>helps all community objectives</i>
<b>Implementing the Action</b>	
Priority	<i>medium</i>
Local planning mechanism	<i>codes</i>
Responsible party	<i>Code enforcement officer</i>
Potential funding sources	<i>local budget</i>
Time line	<i>6-12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carried forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-5</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Planning Appropriateness</i>
Risk finding	<i>problems with Natural Disaster Plan</i>
<b>Describing the Action</b>	
Action category	<i>Planning and Prevention</i>
Action type	<i>review</i>
Action description	<i>county review of ND plans</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protects Residents of Town</i>
Cost estimate	<i>\$0</i>
Cost effectiveness (i.e., benefit/cost)	<i>Yes</i>
Technical	<i>Yes</i>
Political	<i>yes</i>
Legal	<i>yes</i>
Environmental	<i>N/A</i>
Social	<i>yes impacts all segments</i>
Administrative capability	<i>in house local.county staff</i>
Local champion	<i>admin mayor /council</i>
Other community objectives	<i>N/A</i>
<b>Implementing the Action</b>	
Priority	<i>Medium</i>
Local planning mechanism	<i>code / engineering</i>
Responsible party	<i>town engineer</i>
Potential funding sources	<i>N/A</i>
Time line	<i>6 -12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>Carried forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-6</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Prevention / education of Hazzard Mitigation issues</i>
Risk finding	<i>educate all stakeholders in HM not yet initiated</i>
<b>Describing the Action</b>	
Action category	<i>education</i>
Action type	<i>education</i>
Action description	<i>hold workshop to educated town staff/ volunteers</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>effective in protecting life</i>
Cost estimate	<i>\$2,000 - \$5,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>cost of professionals - high benefit to educate staff</i>
Technical	<i>yes</i>
Political	<i>yes</i>
Legal	<i>yes</i>
Environmental	<i>N/a</i>
Social	<i>Yes - positive for all segments</i>
Administrative capability	<i>outside help needed</i>
Local champion	<i>yes</i>
Other community objectives	<i>fosters environmental quality / development / preparedness</i>
<b>Implementing the Action</b>	
Priority	<i>medium</i>
Local planning mechanism	<i>code /engineering/ planner</i>
Responsible party	<i>code official</i>
Potential funding sources	<i>grant</i>
Time line	<i>12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carried forward</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Hammonton</i>
Community action number	<i>CF-7</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Intergration of Hazzard Mitigation Plans into devlopment plans</i>
Risk finding	<i>Ensure intergration of Plans</i>
<b>Describing the Action</b>	
Action category	<i>Planning Mechanism</i>
Action type	<i>Prevention</i>
Action description	<i>Review HM Plan &amp; include in development</i>
Existing, future &/or NA	<i>both</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Protect lives / prevent injury</i>
Cost estimate	<i>\$2,000-\$5,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>High Cost/benefit - positive</i>
Technical	<i>Yes</i>
Political	<i>Yes</i>
Legal	<i>Yes</i>
Environmental	<i>Yes</i>
Social	<i>yes - impact all segments</i>
Administrative capability	<i>Outside help needed</i>
Local champion	<i>Yes Mayor / Council</i>
Other community objectives	<i>economic development</i>
<b>Implementing the Action</b>	
Priority	<i>high</i>
Local planning mechanism	<i>code</i>
Responsible party	<i>code official /engineer/ planner</i>
Potential funding sources	<i>grants</i>
Time line	<i>12 months</i>
<b>Reporting on Progress</b>	
Action progress status	<i>carry over</i>