

9.8: City of Egg Harbor City – Jurisdictional Annex

Summary of Hazards and Actions

Summary of Hazard Ranking and Actions, City of Egg Harbor City			
Hazard	Hazard Ranking	# of Related Actions	Action #s
Atmospheric Hazards			
Extreme Temperatures	M	8	1, 7, 9, 10, 11, 12, 13, 14
Extreme Wind	M	8	1, 7, 9, 10, 11, 12, 13, 14
Hail	L	8	1, 7, 9, 10, 11, 12, 13, 14
Hurricane & Tropical Storm	H	10	1, 4, 6, 7, 9, 10, 11, 12, 13, 14
Lightning	L	8	1, 7, 9, 10, 11, 12, 13, 14
Nor'easter	M	10	1, 4, 6, 7, 9, 10, 11, 12, 13, 14
Tornado	L	8	1, 7, 9, 10, 11, 12, 13, 14
Winter Storm	M	9	1, 4, 7, 9, 10, 11, 12, 13, 14
Hydrologic Hazards			
Coastal Erosion	N/A		
Sea Level Rise	H	8	1, 7, 9, 10, 11, 12, 13, 14
Dam Failure	L	8	1, 7, 9, 10, 11, 12, 13, 14
Levee Failure	N/A		
Drought	L	9	1, 5, 7, 9, 10, 11, 12, 13, 14
Flood	H	12	1, 2, 3, 4, 6, 7, 9, 10, 11, 12, 13, 14
Tsunami	L	8	1, 7, 9, 10, 11, 12, 13, 14
Storm Surge	M	8	1, 7, 9, 10, 11, 12, 13, 14
Wave Action	N/A		
Geologic Hazards			
Earthquake	L	9	1, 5, 7, 9, 10, 11, 12, 13, 14
Other Natural Hazards			
Wildfire	M	9	1, 6, 7, 9, 10, 11, 12, 13, 14

Mitigation Strategy for Risk Reduction

Overview of Municipal Mitigation Strategy, City of Egg Harbor City				
Project Number	Project Description	Hazard(s) Addressed	Priority	Goals
1	Participation in County Plan Update	All	H	4
2	Retrofit dam to prevent to prevent overtopping during a hazard event; retrofit retaining wall and spillway	Flood	H	3
3	Increase carrying capacity of creeks	Flood	M	3
4	Identify and prioritize with residents/business owners to trim trees and develop City-wide maintenance program. Acquire equipment and obtain training to allow City personnel to remove fallen tree.	Flood, Hurricane/Tropical Storm, Nor'easter	M	3
5	Assess system and identify locations to upgrade City water & sewer mains	Drought, Earthquake	H	3
6	Prioritize and investigate options to mitigate vulnerable structures	Flood, Hurricane/Tropical Storm, Nor'easter, Winter Storm, Wildfire	H	3
7	Develop and implement and enhanced all hazard, public outreach, education, and mitigation information plan. Prepare and distribute surveys, provide information in mailings, use various media to distribute information, and develop/maintain page on City website dedicated to hazard mitigation.	All	H	1
9	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All	H	4
10	Code enforcement: Enforcement of State and Local Building Codes with Continual CEO training. (prevention)	All	H	4
11	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department	All	M	4
12	Update information on the local web site regarding preparing for emergencies to incorporate profiled hazards not already discussed in these documents, and ensure that the information continues to be maintained on the web site. (public education)	All	H	1
13	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation (prevention)	All	M	2
14	Ensure that the principles of this hazard mitigation plan are integrated into the new and updated development plans/strategies. (prevention)	All	M	4

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

Contact Information

Egg Harbor City'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: Robert Ade Title: Emergency Management Coordinator Department: Emergency Management Address: 500 London Avenue, Egg Harbor City, NJ 08215 Phone Number: 609-517-3171 E-mail Address: bobade335@yahoo.com			Name: Barbara Adams Title: Deputy Emergency Management Coordinator Department: Emergency Management Address: 500 London Avenue, Egg Harbor City, NJ 08215 Phone Number: 609-892-1853 E-mail Address: badamsehcoem@gmail.com			
Jurisdictional Assessment Team Members						
Please fill in the contact details for the person filling in this page:						
Name:	Jodi Kahn					
Title:	Chief Financial Officer					
Community Name:	Egg Harbor City					
County:	Atlantic County, NJ					
Email:	jodik@eggharborcity.org					
Phone:	609-965-4683					
*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	Lisa Jiampetti	ljams208@comcast.net	609-457-8092	06/01/21	email	yes
Clerk	Meg Steeb	megs@eggharborcity.org	609-965-0081 opt 5	06/01/21	email	yes
Engineer	Ryan McGowan	Ryan.McGowan@rve.com	609-645-7110	06/01/21	email	yes
Attorney	Angela Costigan	amcostigan@costiganllc.com	609-567-4500	06/01/21	email	yes
Building Code Official	Richard Saunders	rchrdsaun@aol.com	609-965-1616	06/01/21	email	yes
Emergency Manager	Robert Ade	bobade335@yahoo.com	609-517-3171	06/01/21	email	yes
Fiscal/Budget Officer	Jodi Kahn	jodik@eggharborcity.org	609-965-4683	06/01/21	email	yes
Floodplain Manager	Ryan McGowan	Ryan.McGowan@rve.com	609-645-7110	06/01/21	email	yes
Planner	Vincent Polistina	vpolistina@comcast.net	609-646-2950	06/01/21	email	yes
Public Works Director	Keith Adams	keitha@eggharborcity.org	609-338-3382	06/01/21	email	yes
Other	None					

Egg Harbor City 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	Administrator	Clerk	Engineer	Attorney	Building Code Official	Emergency Manager	Fiscal /Budget Officer	Floodplain Manager	Planner	Public Works Director
Kickoff email sent	06/01/21	x		x	x	x	x	x	x	x	x	x
Meeting with engineer	07/22/21				x				x			
Email invitation to JAT meeting	07/27/21	x		x	x	x	x	x	x	x	x	x
JAT Meeting	07/28/21								x			x
Email DPW Superintendent worksheet to review	08/04/21								x			x
Email JAT Members worksheets to review	08/06/21	x		x	x	x	x	x	x	x	x	x
Phone conference with attorney	08/09/21					x			x			
Engineer reviewed worksheets	08/16/21				x							

Governing Body Format

The governing body is comprised of the mayor and the City Council, with all elected at-large in partisan elections as part of the November general election. The mayor is elected to a four-year term of office. The City Council is comprised of nine members, who are elected to three-year terms on a staggered basis in a three-year cycle, 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, Egg Harbor City 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

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: **Jodi Kahn, Chief Financial Officer**

Your Name: **Jodi Kahn**

Title: **Chief Financial Officer**

Community: **City of Egg Harbor City**

Email and Phone: **jodik@eggharborcity.org, 609-965-4683**

Part 1 – Please update your response from 2016 to reflect current conditions in the community. Note: Egg Harbor City, your last response to us did not use the WS3 format or directly answer the questions on it. I have included screenshots of your last submittal to us at the last pages of this worksheet, for your convenience and to use as a reference point in completing this page.

Community	<p>1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan. 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>1a. Please update your response to reflect conditions in 2021</p>	<p>Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan. 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>2a. Please update your response to reflect conditions in 2021</p>
Egg Harbor City, City of	See copy of 2016 submittal at end – this was not provided to us at the time of the 2016 plan.	Residential development in the Egg Harbor North area is still being pursued for Phase II and Phase III, and commercial development is being pursued in the area known as the Tower Site and at the City Lake Park-see updated chart below for status of projects previously identified.	See copy of 2016 submittal at end – this was not provided to us as the time of the 2016 plan.	We are in a Pinelands area, so all development must meet their restrictive requirements

Part 2 – Please answer the following questions.

Is major development planned? (yes/no)		yes				
If major development is planned, please describe generally in the box to the right, and then complete the rows below.		Housing of residential houses (approx. 150-180 houses) in Egg Harbor North area, Gateway office building (Persia), Tackle Direct(lake project), Energime (university-fish farm), Renault (Improve hotel), Wawa gas station with convenience store				
<i>Property Name</i>	<i>Type (Residential or Commercial)</i>	<i>No. of Structures</i>	<i>Address</i>	<i>Block and Lot</i>	<i>Known Hazard Zone</i>	<i>Description /Status</i>
Egg Harbor North	Residential	±200	Egg Harbor City North (Liverpool Ave)	Numerous	Wildfire	Phase I Complete, will need to find developer for phase II & Phase III
Energime Redevelopment	Commercial	1-5	Hamburg and Moss Mill	Numerous	Wildfire	Energime University appointed conditional redeveloper in April 2021 thru June 2021-want to build university and sustainable fish farm
Tackle Direct Redevelopment	Commercial	1-3	Philadelphia Avneue	954/1	Wildfire	Create headquarters/retail space for Tackle Direct
Renault	Commercial	1-3	Bremen Ave	73.07/1-16	Wildfire	Redevelopment/improvement of existing hotel/restaurant/golf course
Gateway Rehabilitation Area	Commercial	1	1 White Horse Pike	1.07/1.01, 1.02, 7, 28.03	None identified	Office building for multi-dealer automobile facilities (Facility with approx. 100 offices within the building)
Wawa	Commercial	1-2	600 White Horse Pike	319/5	None identified	Wawa & Gasoline Station/Pad for another food establishment

National Flood Insurance Program Summary

Egg Harbor City has participated in FEMA's National Flood Insurance program (NFIP) since 1982.

National Flood Insurance Program Data City of Egg Harbor City	
Total number of policies ¹	13
Insurance in force ²	\$3,683,100
Total number of losses during NFIP participation	617
Total claims paid during NFIP participation	\$298,416
Non-Mitigated Repetitive Loss Properties	0
Non-Mitigated Severe Repetitive Loss Properties	0

Egg Harbor City does not participate in the NFIP's Community Rating System (CRS).

Egg Harbor City provided the following NFIP Administrator Input in 2021, for inclusion in the 2022 Plan.

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

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

Name: Ryan McGowan, City Engineer Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Community: City of Egg Harbor City Email and Phone: Ryan.McGowan@rve.com, 609-645-7110



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: Jodi Kahn. This form should be updated by your floodplain administrator.

At the time of the last plan update, Egg Harbor City submitted a PDF response regarding its NFIP implementation and not WS2. We have transposed information into the worksheet for you for your convenience. A copy of the City's last submittal appears at the end for your reference. You only need to fill in the first two pages: review existing inputs and update if needed; and then fill in the blanks (standing out in yellow). Please email ama.foley@aecom.com if you have any questions.

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP ¹	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>7/22/1982</u>	<u>7-22-87</u>	<u>City Engineer</u>		<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	
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
<u>Permit review</u>							
Describe barriers to running an effective NFIP program in the community (if applicable):							
<u>Lack of staff, training, budget</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>4/30/2007</u>	<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 * Class _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*Describe any outstanding compliance issues (i.e., current violations):							
<u>No outstanding compliance issues</u>							

Name: _____ Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Representing: [City of Egg Harbor City] Email and Phone: [_____]



Provide an explanation of your local floodplain permitting process:

[When an application is received, the applicable mapping is reviewed by the floodplain manager

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input 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:

[None at this time.]

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 City of Egg Harbor City 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
City of Egg Harbor City											
WEMG-FM CH 285	Fichte St/Hamburg Avenue	Communication Facility	0	0	0	0	0	0	0	0	1
Egg Harbor City Fire Dept.	631 Philadelphia Avenue	Fire Station	0	0	0	0	0	0	0	0	0
Egg Harbor City PD	500 London Ave	Police Station	0	0	0	0	0	0	0	1	0
Public Works	1001 Chicago Avenue	Public Works	0	0	0	0	0	0	0	0	0
Egg Harbor City Community School	730 Havana Avenue	School	0	0	0	0	0	0	0	0	1
Spragg Elementary School	601 buffalo Avenue	School	0	0	0	0	0	0	0	0	0
Rittenberg Manor	528 Philadelphia Avenue	Senior Living Facility	0	0	0	0	0	0	0	0	0
Egg Harbor City WWTP	Esclair St & Fichte	Wastewater Treatment Facility	1	0	0	0	0	0	0	0	1
Water Storage Facility Unit 2	358 6th Terrace	Water Supply Facility	0	0	0	0	0	0	0	1	0
Water System Supply Well 7	413 Claudius Street	Water Supply Facility	1	0	0	0	0	0	0	0	0
Water System Supply Well 6	659 Liverpool Ave	Water Supply Facility	1	0	0	0	0	0	0	0	0
Water System Supply Well 8	600 Claudius St	Water Supply Facility	1	0	0	0	0	0	0	0	0
Water Treatment Plant 1	601 Liverpool Avenue	Water Supply Facility	1	0	0	0	0	0	0	0	0
Water Treatment Plant 2	717 Philadelphia Avenue	Water Supply Facility	1	0	0	0	0	0	0	0	1
Total			6	0	0	0	0	0	0	2	4

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		
City of Egg Harbor City		
Quantified Hazard	Annualized Loss	Annual Loss Ratio
Extreme Wind	\$82,000	0.033%
Hurricane and Tropical Storm	\$155,000	0.020%
Lightning	\$700	0.000%
Tornado	\$200	0.000%
Drought*	\$23,000	5.000%
Winter Storm	\$2,200	0.001%
Coastal Erosion	\$0	0.000%
Flooding (Riverine)	\$392,000	0.060%
Storm Surge (Coastal Flooding)	\$2,000	0.000%
Earthquake	\$8,000	0.001%

*Derived from crop values

Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Egg Harbor City 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 Egg Harbor City 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
5/13/21	Council Meeting	Passed Statement of Authority to participate, explained what updating	Finance
5/28/21	Website/Facebook	Updated City website with information on Plan Update Posted information on Facebook about plan update with link to City website	Finance
6/1/21	Email	Emailed key stakeholder	Finance
6/24/21	Council Meeting	Gave update on plan	Finance
7/9/21	Channel 97/Website	Put slide on Channel 97/website with link to information	Finance
7/15/21	Council Meeting	Gave update on plan	Finance
7/22/21	Facebook post	Posted info on plan update on Facebook	Finance
8/4/21	Bulletin board flyer	Posted flyer on City Hall bulletin board, sent flyer to County library Egg Harbor City branch for posting	Finance

Capability Assessment

This section describes the following capabilities of Egg Harbor City :

- 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. Egg Harbor City 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	N
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	N
Post-Disaster Recovery Ordinance	N
Real Estate Disclosure Ordinance	N
Evacuation Plan	Y

Administrative and Technical Capability	
Regulatory Tools (Codes, Ordinances, Plans)	Do you have this?
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	N
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

Fiscal Capability	
Financial Resources	Accessible or Eligible to use
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	N
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 - even if met with opposition? (i.e., guiding development away from identified hazard areas)?
M	M	L	M	M

Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.

Council is not usually afraid to enact policies they feel are in the best interest of the City even if residents voice opposition. City actively pursues grant funding for needed improvements since have limited budget.

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Plan Integration

It is the intention of Egg Harbor City 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 city's CPG member and shared with the consultant for incorporation here.

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

Over the last planning cycle we have made some progress on plan integration. We have worked with our department heads to solicit their support and explore opportunities for further integration of hazard mitigation into the daily activities of the community as a whole. The City has adopted and enforces the minimum building standards established in the current State-adopted IBC (2018 NJ edition). The City continues to maintain community participation in FEMA's National Flood Insurance Program. The Department of Public Works inspects and clean debris from streams and ditches as needed.

Also, when needed, the governing body will reach out to state agencies for assistance with natural hazard mitigation activities. The City continues to enforce a local stormwater management plan/ordinance. Emergency management has updated its community emergency operations plan in 2019.

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

Plan integration activities we plan to undertake over the next plan maintenance cycle are:

- A. Incorporate hazard mitigation for natural hazards in the next update of our master plan. Add a specific hazard mitigation element to the next update of our master, general or comprehensive plan. The City authorized an update of our Master Plan in 2021.*
- B. Revise capital or operating budgets to include a line item for mitigation project funding.*
- C. Adopt (or continue to enforce) a local stormwater management plan/ordinance. – The NJDEP is requiring municipalities to update their stormwater ordinance. Once the Pinelands Commission adopts their amendments, the City will revise its ordinance.*
- D. Sponsor training on best practices for hazard mitigation for local government staff. (Note: this may be accomplished with other local governments.)*

Mitigation Strategy

This subsection sets forth the mitigation strategy for Egg Harbor City. 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 Egg Harbor City 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.

Egg Harbor City 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	Participation in County Plan Update	High	All	CFO, City Council, JAT Team	X					X		No change
2	Retrofit dam to prevent to prevent overtopping during a hazard event; retrofit retaining wall and spillway	High	Flood	City Engineer		X			Working on finalizing funding	X		No change
3	Increase carrying capacity of creeks	Medium	Flood	City Engineer			X		Staff availability	X		no change
4	Identify and prioritize with residents/business owners to trim trees and develop City-wide maintenance program. Acquire equipment and obtain training to allow City personnel to remove fallen tree.	Medium	Flood, Severe Storm, Severe Winter Storm	Public Works Department/Utility Committee, City Engineer			X		lack of funding for equipment needed, limited staff	X		No change
5	Assess system and identify locations to upgrade City water & sewer mains	High	Drought, Earthquake	Utility Committee, City Engineer		X			A study was completed of the system in 2017. The City is in the final steps of selling the utility system to NJ American Water Company.	X		City will complete sale of water & sewer system to New Jersey American Water in late 2021 or early 2022.
6	Prioritize and investigate options to mitigate vulnerable structures	High	Flood, Severe Storm, Severe Winter Storm, Wildfire	Mayor & Council, Land Use Board				X		X		No change
7	Develop and implement and enhanced all hazard, public outreach, education, and mitigation information plan. Prepare and distribute surveys, provide information in mailings, use various media to distribute information, and develop/maintain page on City website dedicated to hazard mitigation.	High	All	City Finance Office, City OEM, City Clerk			X		Limited staff to work on this	X		No change
8	Acquire and install a new generator at City Hall	High	All	City Finance Office, City Engineer	X						X	New generator installed in 2017 through FEMA grant.
9	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable.	High	All	Mayor & Council			X		Limited funds to pay professionals for this (Planner, engineer, attorneys)	X		No change

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	
10	<i>Code enforcement: Enforcement of State and Local Building Codes with Continual CEO training.</i>	High	All	Code Enforcement Officials			X			X		No change
11	<i>Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department</i>	Medium	All	Emergency Management Department	X				Emergency operations plan submitted to County	X		No change
12	<i>Update information on the local web site regarding preparing for emergencies to incorporate profiled hazards not already discussed in these documents, and ensure that the information continues to be maintained on the web site.</i>	High	All	Finance & City Clerk Departments			X		Limited staff to work on this	X		No change
13	<i>Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation</i>	Medium	All	Land Use Board & Mayor & Council			X		Limited funds to pay professionals for this (Planner, engineer, attorneys)	X		No change
14	<i>Ensure that the principles of this hazard mitigation plan are integrated into the new and updated development plans/strategies.</i>	Medium	All	Land Use Board			X			X		No change

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 Egg Harbor City 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		
<i>Participation in County Plan Update</i>	2015	2016	Local-in kind County paying for consultant	in the plan
<i>Acquire and install a new generator at City Hall</i>	2016	2017	75,000 FEMA, 5,000 Local 80,000 total	In the plan
<i>Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department</i>	2016	2019	No cost	in the plan
<i>Assess system and identify locations to upgrade City water & sewer mains</i>	2016	2018	42,000 local	in the plan

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 Egg Harbor City 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. Egg Harbor City 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.

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Egg Harbor</i>
Community action number	<i>EHC-1</i>
Assessing the Risk	
Hazard(s) addressed	All
Risk finding	<i>Did not participate in last County plan</i>
Describing the Action	
Action category	<i>Planning & Regulatory Solutions</i>
Action type	<i>Participation in County Plan Update</i>
Action description	<i>Participation in County Plan Update</i>
Existing, future &/or NA	<i>Existing</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid not being able to apply for mitigation funding, allow City to identify hazards and steps to mitigate them</i>
Cost estimate	<i>\$2,000 mostly through in-kind services</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh minor costs. Is a low cost action that can be easily implemented.</i>
Technical	<i>Technically feasible. City recently completed plan with 3 other municipalities which will be incorporated into this plan.</i>
Political	<i>No apparent political issues.</i>
Legal	<i>Action is legal and similar work recently completed for 4 muni plan.</i>
Environmental	<i>No environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be mostly handled by City's Chief Financial Officer.</i>
Local champion	<i>City Council and Land Use Board.</i>
Other community objectives	<i>Ability to apply for grants.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>CFO, City Council, JAT Team</i>
Potential funding sources	<i>In-Kind Services</i>
Time line	<i>1 Year</i>
Reporting on Progress	
Action progress status	<i>Currently participating in plan update, all work submitted to County/Contractor in a timely manner</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Egg Harbor</i>
Community action number	<i>EHC-2</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood</i>
Risk finding	<i>City Dam needs replacement of retaining wall, spillway, and overlapping protection</i>
Describing the Action	
Action category	<i>Structure & Infrastructure Projects</i>
Action type	<i>Flood Control</i>
Action description	<i>Retrofit dam to prevent to prevent overtopping during a hazard event; retrofit retaining wall and spillway</i>
Existing, future &/or NA	<i>Future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid collapse of dam, destruction of lake and property surrounding lake including campground</i>
Cost estimate	<i>\$1,220,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh costs as need to protect area.</i>
Technical	<i>Technically feasible. Would require contracted engineering services.</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No apparent legal issues.</i>
Environmental	<i>Engineers/pinelands would be consulted to determine any environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be handled by City's Chief Financial Officer and City Engineer.</i>
Local champion	<i>Mayor & Council, Parks & Playgrounds Committee</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>City Engineer</i>
Potential funding sources	<i>HMGP</i>
Time line	<i>1 Year</i>
Reporting on Progress	
Action progress status	<i>Have applied for LOI after Hurricane Sandy for HMGP funding Received a \$10,000 grant from ACE/Sustainable Jersey-with matching funds should be able to complete retaining wall/spillway work in early 2022, some concrete repairs made by public works in early 2021.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Egg Harbor</i>
Community action number	<i>EHC-3</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood</i>
Risk finding	<i>Allow stormwater to flow adequately and limit damage to adjacent properties</i>
Describing the Action	
Action category	<i>Natural Systems Protection</i>
Action type	<i>Drainage improvement</i>
Action description	<i>Increase carrying capacity of creeks</i>
Existing, future &/or NA	<i>Future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid damage to properties adjacent to creeks</i>
Cost estimate	<i>Medium - between \$10,000-100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh costs as need to protect area.</i>
Technical	<i>Technically feasible. Would require contracted engineering services.</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No apparent legal issues.</i>
Environmental	<i>Engineers/pinelands would be consulted to determine any environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be handled by City's Chief Financial Officer and City Engineer.</i>
Local champion	<i>Mayor & Council, Eyren Hafen Land Preserve Inc.</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>City Engineer</i>
Potential funding sources	<i>HMGP, NJDEP, County, City Budget</i>
Time line	<i>1 Year</i>
Reporting on Progress	
Action progress status	<i>No action taken at this time</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Egg Harbor</i>
Community action number	<i>EHC-4</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood, Severe Storm, Severe Winter Storm</i>
Risk finding	<i>Trees may topple or adversely affect structures, infrastructure, or roadways during a storm.</i>
Describing the Action	
Action category	<i>Education and Awareness Programs</i>
Action type	<i>Education and public outreach</i>
Action description	<i>Identify and prioritize with residents/business owners to trim trees and develop City-wide maintenance program. Acquire equipment and obtain training to allow City personnel to remove fallen tree.</i>
Existing, future &/or NA	<i>Existing</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid damage to structures, infrastructure, and roadways from toppled trees.</i>
Cost estimate	<i>Medium - between \$10,000-100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh costs as need to protect structures, infrastructure, and roads.</i>
Technical	<i>Technically feasible. May require contracted engineering services.</i>
Political	<i>Political issues are that some groups want street trees and some groups want trees removed.</i>
Legal	<i>Legal issues may arise as to who owns a particular tree depending on location.</i>
Environmental	<i>Engineers/pinelands would be consulted to determine any environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be handled by City's Chief Financial Officer and City Engineer.</i>
Local champion	<i>Mayor & Council, Sustainable (City's Green Team), Shade Tree Committee</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>Public Works Department/Utility Committee, City Engineer</i>
Potential funding sources	<i>NJDEP, City Budget</i>
Time line	<i>On-going</i>
Reporting on Progress	
Action progress status	<i>Shade Tree Committee member maintains inventory of City trees, reviews after major storms</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Egg Harbor</i>
Community action number	<i>EHC-5</i>
Assessing the Risk	
Hazard(s) addressed	<i>Drought, Earthquake</i>
Risk finding	<i>Adequate drinking water may not be available, flooding may occur from broken mains</i>
Describing the Action	
Action category	<i>Structure and Infrastructure Projects</i>
Action type	<i>Upgrade</i>
Action description	<i>Assess system and identify locations to upgrade City water & sewer mains</i>
Existing, future &/or NA	<i>Future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid damage to structures, infrastructure, and roadways from broken mains, ensure residents always have access to safe drinking water</i>
Cost estimate	<i>High - Several million dollars</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh costs as need to protect structures, infrastructure, and roads.</i>
Technical	<i>Technically feasible. Will require contracted engineering services.</i>
Political	<i>Political issues are that some groups may feel City should privatize water system.</i>
Legal	<i>No apparent legal issues.</i>
Environmental	<i>Engineers/pinelands would be consulted to determine any environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be handled by City's Chief Financial Officer and City Engineer.</i>
Local champion	<i>Mayor & Council, Utility Committee</i>
Other community objectives	<i>Supports City capital plan</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>Utility Committee, City Engineer</i>
Potential funding sources	<i>Various Grants, USDA Rural Development, City Budget</i>
Time line	<i>Long term</i>
Reporting on Progress	
Action progress status	<i>A study of the sytem was completed in 2017. In process of selling utility system to NJAWC, they have committed to completing millions of infrastructure improvements in first 5 years. Sale should be complete by late 2021 or early 2022.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	<i>EHC-6</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flood, Severe Storm, Severe Winter Storm, Wildfire</i>
Risk finding	<i>Protect structures from damage</i>
Describing the Action	
Action category	<i>Structure and Infrastructure Projects</i>
Action type	<i>Retrofit (Elevation, Flood-proofing), Acquisition/Relocation</i>
Action description	<i>Prioritize and investigate options to mitigate vulnerable structures</i>
Existing, future &/or NA	<i>Existing (identify)/Future (specific project implementation)</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Avoid damage to structures.</i>
Cost estimate	<i>High - Over \$100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh costs as need to protect structures.</i>
Technical	<i>Technically feasible. Would prevent damage to vulnerable properties.</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No apparent legal issues.</i>
Environmental	<i>Engineers/pinelands would be consulted to determine any environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative tasks to be handled by City's Chief Financial Officer and City Engineer.</i>
Local champion	<i>Mayor & Council</i>
Other community objectives	<i>Could lead to lower flood insurance premiums</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Building Subcode</i>
Responsible party	<i>Mayor & Council, Land Use Board</i>
Potential funding sources	<i>FEMA Mitigation grant, City budget, homeowner, County housing grants</i>
Time line	<i>Ongoing (identify) & Long term (specific projects)</i>
Reporting on Progress	
Action progress status	<i>Two properties have been identified as vulnerable: 1.Oken Street and perimeter around lake and 2.Green Bank, Creek, and Lower Bank Roads</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	<i>EHC-7</i>
Assessing the Risk	
Hazard(s) addressed	<i>All hazards identified in HMP</i>
Risk finding	<i>Public understanding of hazard mitigation and its benefits are limited</i>
Describing the Action	
Action category	<i>Education and Awareness Programs</i>
Action type	<i>Public Awareness and Education Program</i>
Action description	<i>Develop and implement and enhanced all hazard, public outreach, education, and mitigation information plan. Prepare and distribute surveys, provide information in mailings, use various media to distribute information, and develop/maintain page on City website dedicated to hazard mitigation.</i>
Existing, future &/or NA	<i>Existing</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Public awareness will build support for mitigation, encourage homeowners to create a demand for better construction practices and reduce avoidable injuries and emergencies</i>
Cost estimate	<i>Low - \$1,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Benefits outweigh minor costs. This is a low cost action that can be easily implemented.</i>
Technical	<i>Technically feasible. Building public awareness has proven to reduce risk.</i>
Political	<i>No apparent political issues.</i>
Legal	<i>Action is legal and educational efforts have been previously used for messages on public safety and welfare.</i>
Environmental	<i>No adverse environmental impacts.</i>
Social	<i>Does not adversely affect any social group.</i>
Administrative capability	<i>Administrative costs considered low, City has capability.</i>
Local champion	<i>County OEM, Schools</i>
Other community objectives	<i>Could lead to lower flood insurance premiums</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>City Finance Office, City OEM, City Clerk</i>
Potential funding sources	<i>City budget</i>
Time line	<i>1 year</i>
Reporting on Progress	
Action progress status	<i>Have posted information on City website, local cable channel</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	9
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Local codes and ordinances can be evaluated and updated to improve upon or expand the mitigation approach to address natural disaster mitigation techniques.</i>
Describing the Action	
Action category	<i>Local planning and regulations</i>
Action type	<i>Adopt and enforce building codes</i>
Action description	<i>Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>\$1,000 for legal/printing</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Land use board, construction code official and city engineers/planner could help advise.</i>
Local champion	<i>Mayor & Council</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Building Subcode</i>
Responsible party	<i>Mayor & Council</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the plan</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	<i>10</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Risks can increase unnecessarily when existing codes are not consistently and appropriately enforced.</i>
Describing the Action	
Action category	<i>Local planning and regulations</i>
Action type	<i>Adopt and enforce building codes</i>
Action description	<i>Code enforcement: Enforcement of State and Local Building Codes with Continual CEO training. (prevention)</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>\$1,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Building committee of Council oversees code enforcement department</i>
Local champion	<i>Mayor & Council</i>
Other community objectives	<i>Also helps keeps community clean and safe and helps residents have pride in City</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Building Department</i>
Responsible party	<i>Code Enforcement Officials</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the pla. One of our code enforcement officers completed Zoning Official courses through Rutgers.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	<i>11</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Local plans can be updated to address natural disaster mitigation techniques.</i>
Describing the Action	
Action category	<i>Local planning and regulations</i>
Action type	<i>Incorporate mitigation into local planning</i>
Action description	<i>Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>\$1,000 or less</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Emergency Management Department</i>
Local champion	<i>Mayor & Council</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>Emergency Management Department</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the plan. City updated its Emergency Operations Plan in 2019. This was submitted to County Emergency Management</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	12
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>The general public's understanding of natural hazards and mitigation possibilities could be improved. The community's overall level of disaster resistance would increase if a greater number of households had a thorough understanding of their risks and things they can do to reduce these risks.</i>
Describing the Action	
Action category	<i>Education and awareness programs</i>
Action type	<i>Multi- hazard education and risk awareness</i>
Action description	<i>2E. Update information on the local web site regarding preparing for emergencies to incorporate profiled hazards not already discussed in these documents, and ensure that the information continues to be maintained on the web site. (public</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>\$0</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Chief Financial officer & City Clerk can update website, County hosts site and can make any changes we cannot do in-house</i>
Local champion	<i>Mayor</i>
Other community objectives	<i>Increase website presence</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>N/A</i>
Responsible party	<i>Finance & City Clerk Departments</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the plan. Website has page on Hazard Mitigation and Facebook utilized as well to publicize plan update.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	<i>13</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>The general public's understanding of natural hazards and mitigation possibilities could be improved. The community's overall level of disaster resistance would increase if a greater number of households had a thorough understanding of their risks and things they can do to reduce these risks.</i>
Describing the Action	
Action category	<i>Education and awareness programs</i>
Action type	<i>Multi-hazard education and risk awareness</i>
Action description	<i>Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation.(prevention)</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>\$1,000 or less</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Land Use Board Secretary & City Clerk's Office could handle</i>
Local champion	<i>Mayor & Council</i>
Other community objectives	<i>Increase council interaction with public</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Land use Board</i>
Responsible party	<i>Land Use Board & Mayor & Council</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the plan</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor City</i>
Community action number	14
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>The community's overall level of disaster resistance would increase if hazard mitigation principles were more closely aligned with day-to-day operations and activities.</i>
Describing the Action	
Action category	<i>Local planning and regulations</i>
Action type	<i>Integrate mitigation into local planning</i>
Action description	<i>Ensure that the principles of this hazard mitigation plan are integrated into the new and updated development plans/strategies. (prevention)</i>
Existing, future &/or NA	<i>Existing and future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Unquantifiable, but expected to be relatively high as compared to costs as losses are avoided over time</i>
Cost estimate	<i>Unknown</i>
Cost effectiveness (i.e., benefit/cost)	<i>This action is likely to be cost-effective, with losses avoided over time anticipated to be greater than the costs of plan revisions.</i>
Technical	<i>This action is generally deemed to be a technically feasible component of a community mitigation strategy</i>
Political	<i>No apparent political issues.</i>
Legal	<i>No anticipated legal impacts; local government has appropriate authorities</i>
Environmental	<i>No anticipated positive or negative environmental impacts</i>
Social	<i>No anticipated impact to any one portion of the population</i>
Administrative capability	<i>Land Use Board</i>
Local champion	<i>Land Use Board & Mayor & Council</i>
Other community objectives	<i>N/A</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Land Use Board-update of Master Plan</i>
Responsible party	<i>Land Use Board</i>
Potential funding sources	<i>N/A - local staff time and local budget</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried forward from the last version of the plan</i>