

## 9.9: Egg Harbor Township – Jurisdictional Annex

### Summary of Hazards and Actions

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

# Mitigation Strategy for Risk Reduction

Overview of Municipal Mitigation Strategy, Egg Harbor Township				
Project Number	Project Description	Hazard(s) Addressed	Priority	Goals
1	The use of the media and social media to educate the public on what mitigation is and the benefits.	All	H	1
3	The reconstruction of damaged bulkheads in Seaview Harbor Area.	Flood	H	3
4	Generators on the pumps on West Avenue and in Delilah Oaks would prevent flooding and property damage in severe weather.	Flood	H	3
6	Upgrade the current diesel generator at the Police Department to a larger natural gas powered generator	All	H	2
7	Purchase and installation of generators at #11 - #17, #28 - #44 provide for uninterrupted power to sewer pumping stations, avoiding sewer overflows that create a health, safety, and welfare issue	Flood	H	3
8	Identify the owners of Repetitive and Severe Repetitive Loss Properties. Communicate with those owners and identify the proper/ cost effective mitigation actions for each. <b>(New)</b>	Flood	M	3

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

## Contact Information

Egg Harbor Township'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: Patrick Naticchione Title: Floodplain Manager /Code Official Department: Code Enforcement Address: 3515 Bargaintown Road, Egg Harbor Township, NJ 08234 Phone Number: 609-926-4071 E-mail Address: pnaticchione@ehtgov.org	Name: Michael Stenman Title: Chief of Police Department: Police Department Address: 3515 Bargaintown Road, Egg Harbor Township, NJ 08234 Phone Number: 609-927-5200 ext 4035 E-mail Address:
Jurisdictional Assessment Team Members	

Please fill in the contact details for the	Lt. Robert Gray		<a href="mailto:rgray@ehtpd.com">rgray@ehtpd.com</a>	609-926-4131
Michael T. Hughes Jr. Chief of Police/ Emergency Management Coord. Egg Harbor Township Atlantic <a href="mailto:Mhughes@ehtpd.com">Mhughes@ehtpd.com</a> 609-926-4036	Atlantic County, NJ			

\*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	Paul Hodson	<a href="mailto:Phodson@ehtgov.org">Phodson@ehtgov.org</a>	609-926-4027	08/18/21	Phone	yes
Administrator	Donna Markulic	<a href="mailto:Dmarkulic@ehtgov.org">Dmarkulic@ehtgov.org</a>	609-926-4027	08/18/21	Phone	yes
Clerk	Eileen Tedesco	<a href="mailto:Etedesco@ehtgov.org">Etedesco@ehtgov.org</a>	609-926-4085	09/10/21	inperson	yes
Engineer	James A. Mott	<a href="mailto:Jamott@comcast.net">Jamott@comcast.net</a>	609-569-1551	NA	NA	NA
Attorney	Marc Friedman	<a href="mailto:marc@friedmanesq.net">marc@friedmanesq.net</a>	609-601-1600	NA	NA	NA
Building Code Official	Pat Naticchione	<a href="mailto:Pnaticchione@ehtgov.org">Pnaticchione@ehtgov.org</a>	609-926-4092	08/20/21	inperson	yes
Emergency Manager	Michael Hughes	<a href="mailto:Mhughes@ehtpd.com">Mhughes@ehtpd.com</a>	609-926-4036	08/17/21	inperson	yes
Fiscal/Budget Officer	Jen McIver	<a href="mailto:JMclver@ehtgov.org">JMclver@ehtgov.org</a>	609-926-4110	09/10/21	inperson	yes
Floodplain Manager	Pat Naticchione	<a href="mailto:Pnaticchione@ehtgov.org">Pnaticchione@ehtgov.org</a>	609-926-4092	08/20/21	inperson	yes
Planner	Theresa Wilbert	<a href="mailto:Twilbert@ehtgov.org">Twilbert@ehtgov.org</a>	609-9264092	09/01/21	inperson	yes
Public Works Director	Al Simerson	<a href="mailto:Asimerson@ehtgov.org">Asimerson@ehtgov.org</a>	609-926-4525	08/20/21	Phone	yes
Other	Robert Gray	<a href="mailto:rgray@ehtpd.com">rgray@ehtpd.com</a>	609-926-4131	08/17/21	inperson	yes

Egg Harbor Township reported that significant personnel changes near the beginning of the planning process hindered the townships continual participation, but the Township 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
Status of 2016 plans/ Call to find out what had been completed	08/20/21											x
Meeting with Naticchione Floodplane paperwork	08/20 & 22				x		x					
Meeting with Theresa Wilbert, Land Use	09/01/21										x	
Meeting with MUA Elaine Super/Status of job	08/25/21											
Budget Medeting for Mitigation	09/01/21	x						x	x			
Final paperwork meeting Gray & Hughes	09/13/21							x				

## Governing Body Format

The Township Committee is comprised of five members, who are elected directly by the voters at-large in partisan elections to serve three-year terms of office on a staggered basis, with either one or two seats coming up for election each year as part of the November general election in a three-year cycle. The Mayor and Deputy Mayor are chosen by the Township Committee from among its members during the Reorganization meeting each January. The members of Township Committee are part-time elected officials.

## 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 Township 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: Theresa Wilbert, Land Use Administrator

Your Name [ Michael T. Hughes Jr. ]

Title [ Chief Of Police/Emergency Management Coordinator ]

Community [ Egg Harbor Township ]

Email and Phone [ Mhughes@ehtpd.com 609-926-4036 ]

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>Egg Harbor, Township of</p>	<p>Egg Harbor Township has experienced significant growth in the last 10 years. We are designated a Pinelands Regional Growth Community with the Pinelands Area located west of the Garden State Parkway and North of Ocean Heights Ave. Over 4800 homes have been built in the last 10 years and over 5400 have been approved by the planning board. Development trends favor single family homes on lots of 10,000 square feet or larger. The median value of an owner occupied home increased from \$131,400 to \$263,100 between 2000 and 2007 according to the latest Census Bureau Statistics. In the same time period median income increased \$12,000 to \$71,036 for a family. Additional statistics are available through the Census Bureau. The Pinelands Commission mandated growth of over 20,000 housing units for Egg Harbor Township and our zoning has been modified to accommodate this requirement. Less than a third of the units have been built. With the influx of new residents comes the requirement to educate the children. Currently there are 8,000 students and ten school buildings. The Pinelands Regional Growth Area continues to see new housing even in the slumping economy.</p>	<p>Egg Harbor Township has experienced Moderate growth in the last 10 years. We are designated a Pinelands Regional Growth Community with the Pinelands Area located west of the Garden State Parkway and North of Ocean Heights Ave. Development trends favor single family homes on lots of 10,000 square feet or larger. The median value of an owner occupied home decreased from \$263,100 to \$212,000 between 2007 and 2020 according to the latest Census Bureau Statistics. In the same time period median income increased \$11,081 to \$82,117 for a family. Additional statistics are available through the Census Bureau. The Pinelands Commission mandated growth of over 20,000 housing units for</p>	<p>All state and federal regulations for building codes are enforced. Floodplain requirements are checked during plan review. We have some zones where higher wind restrictions apply and codes are enforced to ensure buildings meet requirements.</p>	<p>No change</p>

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>
		<p>Egg Harbor Township and our zoning has been modified to accommodate this requirement. With the influx of new residents comes the requirement to educate the children. Currently there are 7,300 students and ten school buildings. The Pinelands Regional Growth Area continues to see new housing.</p>		

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.						
Property Name	Type (Residential or Commercial)	No. of Structures	Address	Block and Lot	Known Hazard Zone	Description /Status
D.R. Horton Patcong	Residential	300	100 Blackman Road EHT	6312/1	No	Townhomes/single family homes Planning
D.R. Horton Westcoat	Residential	600	Westcoat Road EHT	602/4	No	Townhomes/single family homes/ Planning

## National Flood Insurance Program Summary

Egg Harbor Township has participated in FEMA's National Flood Insurance program (NFIP) since 1983.

National Flood Insurance Program Data Egg Harbor Township	
Total number of policies <sup>1</sup>	6,99
Insurance in force <sup>2</sup>	\$173,692,100
Total number of losses during NFIP participation	891
Total claims paid during NFIP participation	\$33,008,806
Non-Mitigated Repetitive Loss Properties	56
Non-Mitigated Severe Repetitive Loss Properties	19

Egg Harbor Township also participates in the NFIP's Community Rating System (CRS). Egg Harbor Township entered the CRS in 2017, and is presently a Class 5 community receiving a 25% premium discount for policyholders in the Special Flood Hazard Area (SFHA) and a 10% premium discount for policyholders outside of the SFHA.

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

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

<sup>2</sup> Insurance in Force from [www.fema.gov](http://www.fema.gov) NFIP Insurance Report, data current as of 06/03/21

Name: Pat Naticchione Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Community: Egg Harbor Township Email and Phone: [Pnaticchione@ehtgov.org](mailto:Pnaticchione@ehtgov.org) 609-926-4092



**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: Pat Naticchione. This form should be updated by your floodplain administrator.*

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?	
1983	1983	Construction Official		<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	
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
We do a plan review of all projects in a flood zone to check they in compliance with FEMA and State bldg. Code. Also give any requested for flood info when needed by any resident or anyone about a property in EHT and have held meetings to go over the changes to the new maps that are in the process of adoption							
Describe barriers to running an effective NFIP program in the community (if applicable):							
NA							
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?
ongoing	<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 checked="" type="checkbox"/> Yes* <input type="checkbox"/> No * Class <u>5</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
*Describe any outstanding compliance issues (i.e., current violations):							
There are currently 14 homes out of compliance out of 700 policies							

Name: Pat Naticchione Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Representing: Egg Harbor Twp. Email and Phone: \_\_\_\_\_



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

Every home in the flood plane has to go through a review prior to any permits being issued.

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 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 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
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 checked="" type="checkbox"/> Yes * <input 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:								
Adopted new FEMA maps on 08/28/2018, Flood Ordinance updated in 2018								
<b>Provide a description of your community assistance and monitoring activities:</b>								
Holding meetings into the new height requirements and informing the public on their implications.								
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?				NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest <u>FIRMs</u> . Will your community continue to commit to this program requirement?				
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Note: All NFIP participating communities should encourage local residents to purchase and maintain flood insurance.

## Critical Facilities in Delineated Hazard Areas

Note that all assets and facilities in the Township of Egg Harbor 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>Township of Egg Harbor</b>											
Atlantic City International Airport	101 Atlantic City International Airport	Airport	0	0	0	0	0	0	0	0	0
Egg Harbor Twp Ambulance Squad	3125 Fire Road	Ambulance/Rescue Squad	0	0	0	0	0	0	0	0	1
AC Landfill Energy LLC	6700 Delilah Road	Electrical Power Facility	0	0	0	0	0	0	0	0	0
Atlantic County Emergency Operations Center	5033 English Creek Avenue	Emergency Operations Center	0	0	0	0	0	0	0	0	0
Atl Christian School	391 Zion Road	Emergency Shelter	0	0	0	0	0	0	0	0	1
Egg Harbor Township High School	24 High School Drive	Emergency Shelter	0	0	0	0	0	0	0	0	0
EHT #2 - Bargaintown #1	6550 Mill Road	Fire Station	0	0	0	0	0	0	0	0	0
EHT #3a - Scullville #1	1708 Somers Point - Mays Landing Rd	Fire Station	0	0	1	0	0	0	0	0	0
EHT #3b - Scullville #2	1403 Somers Point - Mays Landing Rd	Fire Station	1	0	1	0	0	0	0	0	0
Atlantic County Tony Canale Fire Training Center	English Creek Road	Fire Station	0	0	0	0	0	0	0	0	0
Egg Harbor Twp. - Bargaintown #2	Tony Mink Pagano Drive	Fire Station	0	0	1	0	0	0	0	0	0
South Jersey Transportation Authority	Atlantic City International Airport	Fire Station	0	0	0	0	0	0	0	0	0
177th FIG New Jersey Air National Guard	Atlantic City International Airport	Fire Station	0	0	0	0	0	0	0	0	0
EHT. #1 - Cardiff	6609 US Route 322/40 Black Horse Pk	Fire Station	0	0	0	0	0	0	0	0	0
EHT. #4 - Farmington	301 Maple Avenue	Fire Station	0	0	0	0	0	0	0	0	0
EHT. #5 - West Atlantic City	7004 US Route 322/40 Black Horse Pike	Fire Station	1	0	1	0	0	0	0	0	0
Egg Harbor Twp. - Headquarters	6571 Mill Road	Fire Station	0	0	0	0	0	0	0	0	0
EHT- Cardiff #2	4049 English Creek Road	Fire Station	0	0	0	0	0	0	0	0	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
Egg Harbor Twp Pd	3515 Bargaintown Road	Police Station	0	0	0	0	0	0	0	0	0
Egg Harbor Township Mua	3515 Bargaintown Road	Public Works	0	0	0	0	0	0	0	0	0
Municipal Bldg.	3515 Bargaintown Rd	Public Works	0	0	0	0	0	0	0	0	0
H. Russell Swift School	5 Swift Avenue	School	0	0	0	0	0	0	0	0	0
E. H. Slaybaugh School	11 Swift Avenue	School	0	0	0	0	0	0	0	0	0
C. J. Davenport School	2501 Spruce Avenue	School	0	0	0	0	0	0	0	0	0
Egg Harbor Intermediate School	25 Alder Avenue	School	0	0	0	0	0	0	0	0	0
Egg Harbor Middle School	4034 Fernwood Avenue	School	0	0	0	0	0	0	0	0	0
Egg Harbor Township High School	24 High School Drive	School	0	0	0	0	0	0	0	0	0
Hebrew Academy of Atlantic County	6814 Black Horse Pike	School	0	0	0	0	0	0	0	0	0
McKee City School	3056 English Creek Ave	School	0	0	0	0	0	0	0	0	0
At.Co. Training Center for Special Needs	2562 Tilton Road	School	0	0	0	0	0	0	0	0	0
Eagle Academy	3525 Bargaintown Road	School	0	0	0	0	0	0	0	0	0
Atlantic Christian School	391 Zion Rd	School	0	0	0	0	0	0	0	0	1
Egg Harbor Care Center	6818 Delilah Road	Senior Care Facility	0	0	0	0	0	0	0	1	0
Somers Place	199 Steelmanville Road	Senior Care Facility	0	0	0	0	0	0	0	0	0
<b>Total</b>			<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</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		
Township of Egg Harbor		
Quantified Hazard	Annualized Loss	Annual Loss Ratio
Extreme Wind	\$1,109,000	0.033%
Hurricane and Tropical Storm	\$2,546,000	0.040%
Lightning	\$9,600	0.000%
Tornado	\$2,900	0.000%
Drought*	\$110,000	5.000%
Winter Storm	\$30,300	0.001%
Coastal Erosion	\$0	0.000%
Flooding (Riverine)	\$43,000	0.001%
Storm Surge (Coastal Flooding)	\$8,635,000	0.140%
Earthquake	\$57,000	0.001%

\*Derived from crop values

## Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Egg Harbor Township 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 Township included those listed below. Comments arising from outreach activities are presented on the following page.

Outreach Activities			
Date of Activity	Type of Activity	Activity Details	Lead Department and/or Staff Title who Undertook Activity
09/03/2021	Press Release	Sent to all major news organizations within NJ and Eastern Pennsylvania	Lt. Gray- EHTPD PIO
09/03/2021	Social Media Posts	Posts to both Facebook (2022) reached and Twitter	Lt. Gray-EHTPD PIO
09/03/2021	Announcement on community bulletin Boards.	the EHT Community Center, Atlantic County Library (EHT), EHTPD records window and Admin Boards	Lt. Gray-EHTPD PIO

Comments Log									
#	Comment	Comment Submitted By	Comment Submitted To	Comment Submitted on Date	How was comment submitted?	Disposition (Concur; non-concur; will evaluate)	Response / Action Proposed	Responsible Party	Action taken
1	You should do an analysis of EMS and Police calls to come up with a mitigation plan	Izzy Posner	EHT Administration	07/07/21	Email	Will evaluate	None	N A	None
2	Can I have an email to send my suggestions	Yar Nagrub	EHTPD Facebook page	07/07/21	Facebook	Concur	Placed email address as a response, No emails received from him	Lt. Gray	email address given
3	Continue the barrier wall and/or bulkheads on Bay Drive in West AC to the Pleasantville lagoon	Diane Bansback	Lt. Gray	09/09/21	Phone	Will evaluate	Pleasantville is already in process of developing the water front area. Once they are complete we can evaluate what measures we need to take in this area.	Planning	None at this time

## Capability Assessment

This section describes the following capabilities of Egg Harbor Township :

- 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 Township 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	N
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	Y
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	N
Incur Debt through General Obligation Funds	Y
Incur Debt through Special Tax and Revenue Bonds	Y
Incur Debt through Private Activity Bonds	N
Withhold Spending in Hazard-Prone Areas	N
Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds)	Y

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 if met with opposition?</u> (i.e., guiding development away from identified hazard areas)?
H	H	M	H	H
Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.				
Employing a Community rating system for discount to flood insurance policies.				

## Plan Integration

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

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

*Over the last planning cycle we have made progress on plan integration. We have worked with our department heads to solicit their support and explore opportunities for further integration of hazard mitigation. The township has adopted and enforces the minimum building standards established in the current State-adopted IBC (2018 NJ edition). The township continues to maintain community participation in FEMA's National Flood Insurance Program. The township continues to enforce a local storm water 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 Township plans to implement the following plan integration mechanisms into local government operations from this point forward through the next planning cycle:

*The Township plans on integration over the next plan maintenance cycle are to incorporate hazard mitigation for natural hazards in the next update of our master plan. The township will revise capital or operating budgets to include a line item for mitigation project funding. We will enforce a local stormwater management plan. The NJDEP is requiring municipalities to update their storm water ordinance. Once the Pinelands Commission adopts their amendments, the Township will revise its ordinance. We will seek out or sponsor training on best practices for hazard mitigation for local government staff and stakeholders. In 2020 and 2021 5 members of the police department received advanced emergency management training. This type of training will continue and expand to others in the police department and beyond.*

## **Mitigation Strategy**

This subsection sets forth the mitigation strategy for Egg Harbor Township. 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 Township 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 Township did not identify 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	The use of the media and social media to educate the public on what mitigation is and the benefits.	High	All	Public information Officer/Emergency Management Coordinator			X		We continuously use Public information/Social media to update the public on hazards and a variety of areas and will continue to do so into the future	X		No real change from the 2016 plan. Just a continuation
2	The reconstruction of Dunes along Bay Drive at FEMA's new height. The construction is accomplished with gabion baskets for structure.	High	Flooding	Township Administrator	X							
3	The reconstruction of damaged bulkheads in Seaview Harbor and Anchorage Point Areas	High	Flooding	Township Administrator			X		Anchorage Point bulkheads were repaired	X		The bulkheads at Seaview Harbor still have not been repaired and should stay on the plan going forward until we are able to make the repairs
4	Generators on the pumps on West Avenue and in Delilah Oaks would prevent flooding and property damage in severe weather.	High	Flooding	Township Administrator				X	Lack of funding at this time	X		There is no change from the 2009 plan. These pumps are still needed to prevent flooding in these areas if there is a power outage
5	Upgrading the storm water removal system for the area will prevent property damage to residences in the Pleasantwoods neighborhood.	High	Flooding	Township Administrator	X							
6	Upgrade the current diesel generator at the Police Department to a larger natural gas powered generator	High	All	EHT Police Chief/Emergency Management Coordinator and Township Administrator				X	Lack of funding to replace current diesel powered generator.	X		There is no change in this area. The funding has to be found to make this work.
7	Purchase and installation of generators at #11 - #17, #28 - #44 on attached spreadsheet (multiple generators) provide for uninterrupted power to sewer pumping stations, avoiding sewer overflows that create a health, safety, and welfare issue	High	All	Egg Harbor Township Municipal Utilities Authority			X		Lack of funding to purchase the number at one time. Gradually purchasing the generators in the spots which are a higher priority first	X		Generators continue to be purchased but where they are placed are prioritized by the MUA.

## 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 Township 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		
Civic Ready Emergency Notification system	2020	2020 Purchased the product and in the process of implementing it	Budget	in relation to the ongoing public info
Completion of Dunes on Bay Drive	2014	2015	FEMA/ State OEM	in the plan
Upgrade storm water system in Pleasant Woods	2016	2018	FEMA/ State OEM	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 Township 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 Township 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>	
<b>Your plan name</b>	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
<b>Your community name</b>	<i>Egg Harbor Township</i>
<b>Community action number</b>	<i>1</i>
<b>Assessing the Risk</b>	
<b>Hazard(s) addressed</b>	<i>All Hazards identified in the Hazard Mitigation Plan</i>
<b>Risk finding</b>	<i>Public understanding of hazard mitigation and its benefits are limited</i>
<b>Describing the Action</b>	
<b>Action category</b>	<i>Education and Outreach</i>
<b>Action type</b>	<i>Public education Campaign</i>
<b>Action description</b>	<i>The use of the media and social media to educate the public on what mitigation is and the benefits.</i>
<b>Existing, future &amp;/or NA</b>	<i>Existing</i>
<b>Evaluating the Action</b>	
<b>Losses avoided (i.e., benefits)</b>	<i>Those that use Mitigation ideas be able to possibly prevent damages to their particular property and that will positively effect what occurs in the community</i>
<b>Cost estimate</b>	<i>There is little or no cost to maintain this type of program</i>
<b>Cost effectiveness (i.e., benefit/cost)</b>	<i>This program is very cost effective</i>
<b>Technical</b>	<i>Technically feasible</i>
<b>Political</b>	<i>There are no Political Issues</i>
<b>Legal</b>	<i>There are no legal issues</i>
<b>Environmental</b>	<i>There are no adverse environmental effects</i>
<b>Social</b>	<i>There are no social issues</i>
<b>Administrative capability</b>	<i>One to two people part-time could maintain this function</i>
<b>Local champion</b>	<i>OEM/Police Public Information Officer</i>
<b>Other community objectives</b>	<i>Once this area was up and running the platforms could be used for emergency information for the public during an incident.</i>
<b>Implementing the Action</b>	
<b>Priority</b>	<i>High</i>
<b>Local planning mechanism</b>	<i>NA</i>
<b>Responsible party</b>	<i>Public information Officer/Emergency Management Coordinator</i>
<b>Potential funding sources</b>	<i>NA</i>
<b>Time line</b>	<i>Ongoing</i>
<b>Reporting on Progress</b>	
<b>Action progress status</b>	<i>Ongoing</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor Township</i>
Community action number	3
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>The Seaview Harbor Area suffered severe flooding during Hurricane Sandy and millions of dollars of damages</i>
<b>Describing the Action</b>	
Action category	<i>Infrastructure project</i>
Action type	<i>Flood prevention/abatement</i>
Action description	<i>The reconstruction of damaged bulkheads in Seaview Harbor Area.</i>
Existing, future &/or NA	<i>Existing</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>This project will protect numerous homes and will save millions of dollars in future damages</i>
Cost estimate	<i>Unknown at this time</i>
Cost effectiveness (i.e., benefit/cost)	<i>The protection of our communities from flooding like was seen during Superstorm Sandy is extremely important and could save millions of dollars in damages.</i>
Technical	<i>Technically feasible</i>
Political	<i>No apparent Political issues</i>
Legal	<i>No apparent legal issues</i>
Environmental	<i>All environmental approvals received prior to the work being started</i>
Social	<i>Does not adversely affect any group and benefits the residents of the area.</i>
Administrative capability	<i>Administrative components in place</i>
Local champion	<i>Possibly from the local residents</i>
Other community objectives	<i>None</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>Township administrator/Township Engineer</i>
Responsible party	<i>Township Administrator</i>
Potential funding sources	<i>FEMA and NJ State OEM</i>
Time line	<i>In progress</i>
<b>Reporting on Progress</b>	
Action progress status	<i>Partially complete</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>Egg Harbor Township</i>
<b>Community action number</b>	4
<b>Assessing the Risk</b>	
<b>Hazard(s) addressed</b>	<i>Flooding</i>
<b>Risk finding</b>	<i>Prior to the installation of pumps the West Avenue and Delilah oaks areas suffered severe flooding and property damage. The pumps cease operation when the Township loses power during severe weather. Generators attached to these pumps would keep the pumps operational</i>
<b>Describing the Action</b>	
<b>Action category</b>	<i>Infrastructure project</i>
<b>Action type</b>	<i>Flood prevention/abatement</i>
<b>Action description</b>	<i>Generators on the pumps on West Avenue and in Delilah Oaks would prevent flooding and property damage in severe weather.</i>
<b>Existing, future &amp;/or NA</b>	<i>Existing</i>
<b>Evaluating the Action</b>	
<b>Losses avoided (i.e., benefits)</b>	<i>This project will protect numerous homes and will save millions of dollars in future damages</i>
<b>Cost estimate</b>	<i>Unknown at this time</i>
<b>Cost effectiveness (i.e., benefit/cost)</b>	<i>The installation of generators for the pumps in this flood prone area will save considerable amount of damage during a flooding/power outage event</i>
<b>Technical</b>	<i>Technically feasible</i>
<b>Political</b>	<i>No apparent political issues</i>
<b>Legal</b>	<i>No apparent legal issues</i>
<b>Environmental</b>	<i>All environmental approvals received prior to the work being started</i>
<b>Social</b>	<i>Does not adversely affect any group and benefits the residents of the area.</i>
<b>Administrative capability</b>	<i>Administrative components in place</i>
<b>Local champion</b>	<i>Possibly from the local residents</i>
<b>Other community objectives</b>	<i>None</i>
<b>Implementing the Action</b>	
<b>Priority</b>	<i>High</i>
<b>Local planning mechanism</b>	<i>Township Administrator/Township Engineer</i>
<b>Responsible party</b>	<i>Township Administrator</i>
<b>Potential funding sources</b>	<i>FEMA and NJ State OEM</i>
<b>Time line</b>	<i>In progress</i>
<b>Reporting on Progress</b>	
<b>Action progress status</b>	<i>Partially complete</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor Township</i>
Community action number	6
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>During recent storms the Police Department has lost power and switched to emergency generator power. In one of the incidents the diesel powered generator almost ran out of fuel due to the conditions of the roadways etc. A natural gas powered generator would prevent having to rely on fuel deliveries in an emergency situation</i>
<b>Describing the Action</b>	
Action category	<i>Infrastructure Projects</i>
Action type	<i>Power outages</i>
Action description	<i>Upgrade the current diesel generator at the Police Department to a larger natural gas powered generator</i>
Existing, future &/or NA	<i>Addresses current and future situations</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>The Police department handles emergency dispatch services for four communities and is the back-up communication center for several more. It is imperative the system stays online to avoid communication break downs during an emergency. Maintaining the operation of the dispatch center and the police department is essential.</i>
Cost estimate	<i>Unknown at this time</i>
Cost effectiveness (i.e., benefit/cost)	<i>The installation of the upgraded natural gas powered generator will allow the police department and emergency dispatch center to remain operational during a major event.</i>
Technical	<i>Technically feasible</i>
Political	<i>There are no political issues</i>
Legal	<i>There are no legal issues</i>
Environmental	<i>There are no environmental issues</i>
Social	<i>There are no social issues</i>
Administrative capability	<i>Administrative components in place</i>
Local champion	<i>EHT Police Chief/Emergency Management Coordinator and Township Administrator</i>
Other community objectives	<i>None</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>EHT Police Chief/Emergency Management Coordinator and Township Administrator</i>
Responsible party	<i>EHT Police Chief/Emergency Management Coordinator and Township Administrator</i>
Potential funding sources	<i>FEMA and State OEM</i>
Time line	<i>Future</i>
<b>Reporting on Progress</b>	
Action progress status	<i>Planning</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor Township Municipal Utilities Authority</i>
Community action number	7
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Sewer overflows create a health, safety and welfare issue</i>
<b>Describing the Action</b>	
Action category	<i>Infrastructure</i>
Action type	<i>Purchase &amp; installation of generators</i>
Action description	<i>Purchase and installation of generators at #12, #13, #15, #20, #21, #28, #29, #32, #33, #34, #35, #38, #40, #43 provide for uninterrupted power to sewer pumping stations, avoiding sewer overflows that create a health, safety, and welfare issue</i>
Existing, future &/or NA	<i>Existing and future</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Will reduce the amount of raw sewage spills caused by electrical outages at sewer pumping stations</i>
Cost estimate	<i>Each generator costs between \$35,000 and \$55,000 depending upon the size (see attached spreadsheet for individual costs)</i>
Cost effectiveness (i.e., benefit/cost)	
Technical	<i>Technically feasible</i>
Political	<i>No negative political impact</i>
Legal	<i>No legal issues</i>
Environmental	<i>Positive impact on environment - help prevent future sewer spills, and would be in compliance with all environmental regulations</i>
Social	<i>Does not adversely affect any particular social group</i>
Administrative capability	<i>EHTMUA is capable of implementing the installation and operation of the generators</i>
Local champion	<i>n/a</i>
Other community objectives	<i>n/a - prevention of sanitary sewer overflows</i>
<b>Implementing the Action</b>	
Priority	<i>High</i>
Local planning mechanism	<i>n/a</i>
Responsible party	<i>Egg Harbor Township Municipal Utilities Authority</i>
Potential funding sources	<i>HMGP</i>
Time line	<i>ASAP</i>
<b>Reporting on Progress</b>	
Action progress status	<i>In progress</i>

<b>Action Worksheet</b>	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Egg Harbor Township</i>
Community action number	<i>8</i>
<b>Assessing the Risk</b>	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>There are 56 properties in Egg Harbor Township identified by the NFIP as Repetitive Loss Properties and 19 Severe Repetitive Loss Properties</i>
<b>Describing the Action</b>	
Action category	<i>Structure</i>
Action type	<i>Investigate the mitigation options for each of these identified properties</i>
Action description	<i>Identify the owners of these Repetitive and severe loss Properties. Communicate with those owners and identify the proper/ cost effective mitigation actions for each.</i>
Existing, future &/or NA	<i>Existing and future</i>
<b>Evaluating the Action</b>	
Losses avoided (i.e., benefits)	<i>Future residential flood losses</i>
Cost estimate	<i>Unknown</i>
Cost effectiveness (i.e., benefit/cost)	<i>Very Cost effective</i>
Technical	<i>Project is feasible</i>
Political	<i>No political issues</i>
Legal	<i>No legal issues</i>
Environmental	<i>This project will be implemented following all state and federal environmental regulations</i>
Social	<i>No social issues</i>
Administrative capability	<i>Township Employees are capable of administering this project</i>
Local champion	<i>Township OEM, Mayor and Committee</i>
Other community objectives	<i>No</i>
<b>Implementing the Action</b>	
Priority	<i>Medium</i>
Local planning mechanism	<i>Township OEM, Mayor and Committee</i>
Responsible party	<i>Township OEM, Mayor and Committee</i>
Potential funding sources	<i>FEMA Grants</i>
Time line	<i>5-10 years</i>
<b>Reporting on Progress</b>	
Action progress status	<i>New action</i>

Additional Information for Action 7

11	Gen	Egg Harbor Twp. MUA	Island Inn Sanitary Sewer Pump Station	\$55,000	
12	Gen	Egg Harbor Twp. MUA	Anchorage Pointe Sanitary Sewer Pump St	\$45,000	
13	Gen	Egg Harbor Twp. MUA	Seaview Harbor Sanitary Sewer Pump Stat.	\$50,000	
14	Gen	Egg Harbor Twp. MUA	Ocean Heights Sanitary Sewer Pump Station	\$35,000	
15	Gen	Egg Harbor Twp. MUA	Delilah Rd. Sanitary Sewer Pump Station	\$50,000	
16	Gen	Egg Harbor Township	Generator Installations, Delilah Oaks Pump	\$40,000	
17	Gen	Egg Harbor Twp. MUA	West Jersey Sanitary Sewer Pump Station	\$45,000	
18	Gen	Margate	Generator Install, Union Sch	\$674,400	
19	Gen	Egg Harbor Township	Generator Installations, Community Center	\$150,000	
20	Gen	Buena Borough	3 Generator Installations	\$551,240	
21	Gen	Atlantic City	Emergency Generators, 6 fire,5 shelters	\$1,500,000	
22	Gen	Brigantine	Emergency Generators (11 locations)	\$2,235,700	
23	Gen	Galloway Township	Generator Installations, Oceanville	\$50,000	
24	Gen	Galloway Township	Generator Installations, Bayview	\$50,000	
25	Gen	Mullica Township	Generator Installations, Sweetwater	\$14,750	
26	Gen	Mullica Township	Generator Installations, Weekstown	\$11,735	
27	Gen	Mullica Township	Generator Installations, Nesco	\$49,842	
28	Gen	Egg Harbor Twp. MUA	Lakeside Sanitary Sewer Pump Station	\$35,000	
29	Gen	Egg Harbor Twp. MUA	Helen Sanitary Sewer Pump Station	\$45,000	
30	Gen	Egg Harbor Twp. MUA	Harley Sanitary Sewer Pump Station	\$47,000	
31	Gen	Egg Harbor Twp. MUA	Fountain Lakes Sanitary Sewer Pump Stat.	\$47,000	
32	Gen	Egg Harbor Twp. MUA	Front St. Sanitary Sewer Pump Station	\$35,000	
33	Gen	Egg Harbor Twp. MUA	Dogwood Sanitary Sewer Pump Station	\$55,000	
34	Gen	Egg Harbor Twp. MUA	Delaware Rd. Sanitary Sewer Pump Station	\$40,000	
35	Gen	Egg Harbor Twp. MUA	Cardiff Mall Sanitary Sewer Pump Station	\$47,000	
36	Gen	Egg Harbor Twp. MUA	CountryAire Sanitary Sewer Pump Station	\$35,000	
37	Gen	Egg Harbor Twp. MUA	Windsor Sanitary Sewer Pump Station	\$47,000	