

9.3: City of Atlantic City – Jurisdictional Annex

Summary of Hazards and Actions

Summary of Hazard Ranking and Actions, City of Atlantic City			
Hazard	Hazard Ranking	# of Related Actions	Action #s
Atmospheric Hazards			
Extreme Temperatures	M	5	6, 7, 11, 12, 14
Extreme Wind	M	5	6, 7, 11, 12, 14
Hail	L	5	6, 7, 11, 12, 14
Hurricane & Tropical Storm	H	5	6, 7, 11, 12, 14
Lightning	L	5	6, 7, 11, 12, 14
Nor'easter	M	5	6, 7, 11, 12, 14
Tornado	L	5	6, 7, 11, 12, 14
Winter Storm	M	5	6, 7, 11, 12, 14
Hydrologic Hazards			
Coastal Erosion	M	8	6, 7, 10, 11, 12, 14, 15, 18
Sea Level Rise	H	5	6, 7, 11, 12, 14
Dam Failure	N/A		
Levee Failure	N/A		
Drought	L	5	6, 7, 11, 12, 14
Flood	H	19	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
Tsunami	L	5	6, 7, 11, 12, 14
Storm Surge	H	7	4, 5, 6, 7, 11, 12, 14
Wave Action	H	5	6, 7, 11, 12, 14
Geologic Hazards			
Earthquake	L	5	6, 7, 11, 12, 14
Other Natural Hazards			
Wildfire	L	5	6, 7, 11, 12, 14

Mitigation Strategy for Risk Reduction

Overview of Municipal Mitigation Strategy, City of Atlantic City				
Project Number	Project Description	Hazard(s) Addressed	Priority	Goals
1	Install and maintain inlet grates that keep debris out of the drainage system (New)	Flood	H	3
2	Baltic Avenue Drainage Improvement/Stormwater Project	Flood	H	3
3	Boardwalk Hall Flood Control System	Flood	H	3
4	Installation of new bulkhead along Inside Thorofare from Albany Avenue to Jackson Avenue	Flood, Storm Surge	H	3
5	Install new bulkheads, living shorelines, and pump stations in low lying areas	Flood, Storm Surge	H	3
6	Continue to Update Codes	All	H	44
7	Develop microgrids, backup electric, and telecommunications systems in critical facilities (New)	All	H	2
8	Elevate Albany Avenue between Sunset Avenue and Ventnor Avenue (Action 10 in 2016 Plan)	Flood	H	3
9	Elevate repetitive loss residential properties (Action 8 in 2016 Plan)	Flood	H	3
10	Elevate Traffic Signal Control Boxes (Action 9 in 2016 Plan)	Flood, Coastal Erosion	H	3
11	Install Emergency Communications Systems	All	H	2
12	Install ten Emergency Generators at various locations	All	H	2
13	Maintain the Floodplain Management Plan (Action 13 in 2016 Plan)	Flood	H	4
14	Promote public education about hazards and the mitigation plan (Action 13 in 2016 Plan)	All	H	1
15	Install new bulkheads along Sunset Avenue in Chelsea and Ducktown	Flood, Coastal Erosion	H	3
16	Dry flood Proof City Hall and the All Wars Memorial Building (Action 7 in 2016 Plan)	Flood	H	3
17	Repair Bulkheads and Dredge Gardner's Basin Park (New)	Flood	H	3
18	Inspect and Replace Check Valves along the bayfront (New)	Flood, Coastal Erosion	H	3
19	Improve Community Rating System Designation (New)	Flood	H	3

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

Contact Information

Atlantic 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: Chief Scott K. Evans Title: Emergency Management Coordinator Department: Emergency Management Address: 2715 Atlantic Avenue, Atlantic City, NJ 08401 Phone Number: 609-347-5590 E-mail Address: evanss@cityofatlanticcity.org			Name: Lt. Edward Leon Title: Deputy Emergency Management Coordinator Department: Emergency Management Address: 2715 Atlantic Avenue, Atlantic City, NJ 08401 Phone Number: 609-347-5466 E-mail Address: eleon@acpolice.org			
Jurisdictional Assessment Team Members						
Name: Jenny Darnell Title: Keyboarding Clerk 2 Community Name: Atlantic City County: Atlantic County, NJ Email: jdarnell@cityofatlanticcity.org Phone: 609-347-5466		*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	Marty Small	msmall@cityofatlanticcity.org	609-347-5400	6/23/21 @2:30 pm	Email	Yes
Administrator	Anthony Swan	aswan@cityofatlanticcity.org	609-347-5245	6/23/21 @2:30 pm	Email	Yes
Clerk	Paula Geletei	pgeletei@cityofatlanticcity.org	609-347-5510	6/23/21 @2:30 pm	Email	Yes
Engineer	Uzoma Ahirakwe	uahirakwe@cityofatlanticcity.org	609-347-5360	6/23/21 @2:30 pm	Email	Yes
Attorney	Michael Perugini	miperugini@cityofatlanticcity.org	609-347-5540	6/23/21 @2:30 pm	Email	Yes
Building Code Official & Floodplain Manager	Anthony Cox	acox@cityofatlanticcity.org	609-347-5660	6/23/21 @2:30 pm	Email	Yes
Emergency Manager	Scott Evans	evanss@cityofatlanticcity.org	609-347-5590	6/23/21 @2:30 pm	Email	Yes
Fiscal/Budget Officer	Adetoro Aboderin	aaboderin@cityofatlanticcity.org	609-347-5800	6/23/21 @2:30 pm	Email	Yes
Planner	Barbara Woolley-Dillon	bwoolley-dillon@cityofatlanticcity.org	609-347-5404	6/23/21 @2:30 pm	Email	Yes
Public Works Director	Paul Jerkins	pierkins@cityofatlanticcity.org	609-347-5700	6/23/21 @2:30 pm	Email	Yes
Other - Deputy OEM	Edward Leon	eleon@acpolice.org	609-347-5474	6/23/21 @2:30 pm	Email	Yes
Other - Deputy OEM	Michael Famularo	mfamularo@cityofatlanticcity.org	609-347-5590	6/23/21 @2:30 pm	Email	Yes
Other - CRS Coordinator	Jim Rutala	jmrutala@comcast.net	609-743-0354	6/23/21 @2:30 pm	Email	Yes

Atlantic 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	Deputy OEM	Deputy OEM	CRS
Email to proposed JAT members	06/23/21	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Meeting to discuss HMP submission	08/10/21		x					x							
Meeting to discuss worksheet 2	08/18/21						x	x							
Meeting to review worksheets	08/31/21							x					x	x	x
JAT Meeting to review HMP submission	09/01/21		x	x	x		x	x	x	x	x	x	x	x	x
Staff meetin gto discuss HMP	09/07/21							x					x	x	
Meeting to discuss worksheet 3	09/16/21							x			x				

Governing Body Format

The governing body of Atlantic City is the Mayor and the City Council, all elected on a partisan basis to serve four-year terms of office as part of the November general election. The council is comprised of nine members, who are elected on a staggered basis, with one member from each of six wards and three serving at-large. The six ward seats are up for election together and the mayoral seat and the council at-large seats are up for vote together two years later.

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, Atlantic 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.

□

Your Name: Barbara Woolley-Dillon

Title: Director, Planning & Development

Community: Atlantic City

Email and Phone: bwoolley-dillon@acnj.gov 609-347-5404

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

Community	<p>1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan. <i>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".</i></p>	<p>1a. Please update your response to reflect conditions in 2021</p>	<p>2. Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan. <i>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.</i></p>	<p>2a. Please update your response to reflect conditions in 2021</p>
Atlantic City, City of	<p>Revel in Southeast Inlet, and three (3) other casino hotel properties, are currently unoccupied. No new development taking place along waterfront except approximately 40 Sandy damaged homes along bayfront have received approvals to elevate to BFE+2'. New seawall under construction along inlet will protect proposed new boardwalk and public and private properties in the area.</p>	<p>Trump Plaza Hotel/Casino was demolished in 2021. The former Revel Casino is now operational as the Ocean Casino Resort. Former Trump Taj Mahal is now open as the Hard Rock Hotel and Casino. Showboat Casino is now operating as a hotel. The City continues to apply for funding to elevate properties in the SFHA. The Absecon Inlet seawall and boardwalk renovation is complete.</p>	<p>Floodplain management ordinance revised in 2014 to add 2' of freeboard; zoning board of adjustment is appeals board; minimum bulkhead height ordinance is drafted.</p>	<p>Ordinance 46 of 2019 was adopted establishing a minimum bulkhead height of 8.5 feet NAVD 1988.</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.		Several projects are in the concept or early approval stages. Some have been stalled due to funding issues or COVID-19 challenges. Briefly, these projects include: Stockton University dormitories/ student, Showboat Hotel plans to develop an indoor water park, MGM/Boraie is proposing luxury housing in the Marina District				
Property Name	Type (Residential or Commercial)	No. of Structures	Address	Block and Lot	Known Hazard Zone	Description /Status
Stockton University Academic/Housing Complex	Commercial	2	10 S. Albany Avenue	189/1	Yes	First Phase Complete
Stockton University Housing	Commercial	1	3430 Atlantic Avenue	185/1	Yes	Construction to begin in 2021
South Jersey Gas Headquarters	Commercial	1	3800 Atlantic Avenue	18/1	Yes	Construction Completed
Showboat Water Park	Commercial	1	801 Boardwalk	61/22	Yes	Construction planned for fall 2021
MGM/Boraie Housing	Residential	1	Huron Avenue	578/1.04	Yes	Still in planning process
AtlantiCare Expansion	Commercial	1	Atlantic & Ohio Aves.	157/21.04	Yes	Currently under construction. 65,000 s.f. expansion to include maternal fetal medicine, dialysis, nutrition and teaching component.
Islamic Learning Center	Institutional	1	16 N. Florida Avenue	277/ 3	Yes	Currently under construction. Multi-cultural religious center. Offers community gathering space, social programs, and tutoring.
Shoprite Grocery Store	Commercial	1	1801 Baltic Avenue	396/ 1, 6 & 7	Yes	54,000 s.f. Supermarket. Project has recently received approval from CRDA
Orsted Headquarters	Commercial	1	701 Delaware Avenue	561/1; 562/1; 563/1; 564/1,2	Yes	Redevelopment Plan is approved. CAFRA permit is pending. Construction planned for 2023
Atlantic Shores – Wind	Commercial	1	Maryland Avenue	567/1,2	Yes	Permits will be filed with NJDEP by winter 2021. Additional review and approval by other agencies will be pending. Construction anticipated in 2024.
NoBE Mini Golf	Commercial	1	120 Euclid Avenue	82/1	Yes	Approved by CRDA. Miniature golf course, concession stand and bike rentals.
Elevation of Bader Field		0	Albany Avenue	794	Yes	Raise grade of site up to meet flood code standard
DCO Microgrid	Commercial	1				Pending approvals. Microgrid facility expansion to serve hospital and 3 surrounding casinos/ hotels.
Gardner's Basin	Commercial	0	800 New Hampshire Ave.	Block 803	Yes	Plans approved. Permitting & Remediation underway. Improvement and upgrade of facilities.
Morris Armory	Mixed Use – Residential	1	10 S. New York Ave.	151/15	Yes	Plans approved by CRDA – 31 loft units with retail.
1 New York Plaza	Mixed Use – Residential	1	1 S. New York Ave.	146/1	Yes	Plans approved by CRDA – 56 workforce housing units & retail.
"Pat Fasano" – Orange Loop Redevelopment Plan	Mixed Use	multiple	New York Avenue	Most of Blk 561	Yes	Currently under construction with concept plans for portions of site. Expansion of residential units, retail, commercial, container hotel, etc.
Trenton Ave. Redevelopment Plan	Mixed Use	5	Trenton Avenue	191/1,p/o 6, p/o 8,9,10,11,12, 13; 193,1-19; 236/1-6; 238 / 1,2,01,2.02,3,4,5,6,7,8; 241/1; 242/6	Yes	Concept plan. Private dormitories to support Stockton. Components will include 262 housing units with 605 beds, parking structure, retail spaces, recreational opportunities- kayak launch, "wibit".
KY & the Curb	Commercial	1	1600 Arctic Aves.	291/6	Yes	Concept for museum & recording studio
Turning Point CDC Development	Residential/ Mixed Use	1	1600 Arctic Ave	328/ 2,5,6,7	Yes	Concept Plan - 150 units of Workforce Housing with retail.
ACCC – Training Program for Wind Technology	Institutional	1	1535 Bacharach Blvd.	323/1	Yes	Concept phase with grant obtained. Training facility for Wind Turbine Technology
Park Site at South Jersey Industries	Recreational	1	304 Turnpike Road	387/1	Yes	Concept Plan for park, active & passive recreational complex with community focus

National Flood Insurance Program Summary

Atlantic City has participated in FEMA's National Flood Insurance program (NFIP) since 1970.

National Flood Insurance Program Data City of Atlantic City	
Total number of policies ¹	6,690
Insurance in force ²	\$1,340,038,600
Total number of losses during NFIP participation	6,094
Total claims paid during NFIP participation	\$121,515,166
Non-Mitigated Repetitive Loss Properties	312
Non-Mitigated Severe Repetitive Loss Properties	46

Atlantic City also participates in the NFIP's Community Rating System (CRS). Atlantic City entered the CRS in 1992 and is presently a Class 6 community receiving a 20% premium discount for policyholders in the Special Flood Hazard Area (SFHA) and a 10% premium discount for policyholders outside of the SFHA.

Atlantic 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: [Anthony R. Cox, Sr.] Title: [Floodplain Manager/Floodplain Administrator/NFIP Coordinator]



Community: [City of Atlantic City] Email and Phone: [acox@acnj.gov (609)347-5660]

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

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>[3-31-15]</u>	<u>[6-18-71]</u>	<u>[Administrator Flood Damage Prevention]</u>	<u>[] Yes [x] No</u>	<u>[x] Yes [] No</u>	<u>[x] Yes [] No</u>		
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
<u>[Permit review and inspections for compliance is done through the Division of Construction. Review of the Flood Plain management plan is reviewed along with the construction permit review process for compliance construction permitting. Any questions on flood zones maps and elevations are addressed in the Construction Office and are also available in the City Engineer's Office.]</u>							
Describe barriers to running an effective NFIP program in the community (if applicable):							
<u>[Funding, training and personnel.]</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>[January 2015]</u>	<u>[] Yes [x] No</u>	<u>[x] Yes [] No</u>	<u>[x] Yes [] No</u>	<u>[x] Yes [] No</u>	<u>[x] Yes* [] No</u> * Class <u>[6]</u>	<u>[x] Yes [] No</u>	<u>[] Yes [] No</u>
*Describe any outstanding compliance issues (i.e., current violations):							
<u>[]</u>							

Name: [Anthony R. Cox, Sr.] Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Representing: [City of Atlantic City] Email and Phone [acox@acnj.gov (609) 347-5688]



Provide an explanation of your local floodplain permitting process:

[Flood plain permitting is addressed at the time of issuance of Construction Permit. The Construction Permit is also the Flood Plain Permit.]

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 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 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:								
<u>[We provided for an appeals board. Additionally, we added two foot free board to the base flood elevation.]</u>								
Provide a description of your community assistance and monitoring activities:								
<u>[The City of Atlantic City Emergency management and the Flood Plain Manager observe areas of concern that need to be addressed in the Hazard Mitigation Plan. The City's Engineers and Flood Plain Manager reviews areas of flooding incidents and develops flood mitigation projects to prevent future losses.]</u>								
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 FIRMs. 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 City of Atlantic 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 Atlantic City											
WMID 1340	Murray Ave/Ohio Ave	Communication Facility	1	0	1	0	0	0	0	1	0
WFPG 1450	Absecon Blvd	Communication Facility	1	0	1	0	1	1	0	1	0
WAJM CH 205	Pleasantville Blvd	Communication Facility	0	0	1	0	0	0	0	1	0
WAYV CH 236	Absecon Blvd	Communication Facility	1	0	1	0	1	1	0	0	0
WFPG-FM CH 245	Absecon Blvd	Communication Facility	1	0	1	0	1	1	0	1	0
WPUR CH 297	Boardwalk	Communication Facility	1	0	1	0	0	0	0	0	0
WWAC-TV CH 53	Absecon Blvd	Communication Facility	1	0	1	0	0	0	0	1	0
WTTH CH 241	Montpelier Ave/Boardwalk	Communication Facility	1	0	1	0	0	0	0	0	0
WZBZ CH 257	Murray Avenue	Communication Facility	1	0	1	0	0	0	0	1	0
Atlantic Electric AC Operation	Missouri and Grant Avenues	Electrical Power Facility	1	0	1	0	0	0	0	1	0
Jersey Atlantic Wind Farm	1801 Absecon Blvd.	Electrical Power Facility	1	0	1	0	0	0	0	0	0
ACR Energy	121 S. Massachusetts Ave	Electrical Power Facility	1	0	1	0	0	0	0	0	0
Marina Energy	1077 Absecon Blvd	Electrical Power Facility	1	0	1	0	0	0	0	0	0
PEPCO Energy	1825 Atlantic Ave	Electrical Power Facility	0	0	1	0	0	0	0	0	0
Atlantic City Public Safety	2715 Atlantic Ave	Emergency Operations Center	1	0	1	0	0	0	0	0	0
Atlantic City Convention Ctr	1 Convention Ctr Blvd	Emergency Shelter	1	0	1	0	0	0	0	0	0
Boardwalk Hall	2301 Boardwalk	Emergency Shelter	1	0	1	0	0	0	0	0	0
Atlantic City - Station #1	900 Atlantic Avenue	Fire Station	1	0	1	0	0	0	0	0	0
Atlantic City - Station #3	734 North Indiana Avenue	Fire Station	1	0	1	0	0	0	0	0	0
Atlantic City - Station #2	130 North Indiana Avenue	Fire Station	1	0	1	0	0	0	0	0	0
Atlantic City - Station #6	4031 Atlantic Avenue	Fire Station	1	0	1	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
Atlantic City - Station #4	2700 Atlantic Avenue	Fire Station	1	0	1	0	0	0	0	0	0
Atlantivare Regional Medical Center	1925 Pacific Avenue	Hospital	1	0	1	0	0	0	0	0	0
Atlantic City, New Jersey	1 Atlantic City Expressway	Passenger Rail Station	0	0	1	0	0	0	0	0	0
Atlantic City	2715 Atlantic Ave	Police Station	1	0	1	0	0	0	0	0	0
State Police Marine Unit	Portside Avenue	Police Station	1	1	1	0	0	0	0	1	0
US Coast Guard Marine Unit	Huron Avenue	Police Station	1	0	1	0	0	0	0	0	0
City Hall	Bacharach Blvd	Public Works	1	0	1	0	0	1	0	0	0
ACUA	1701 Absecon Blvd	Public Works	1	0	1	0	0	0	0	1	0
Atlantic City Sewerage Co	Atlantic Avenue	Public Works	1	0	1	0	0	0	0	0	0
Atlantic City Public Works Complex	1100 N. Albany Ave	Public Works	0	0	1	0	0	0	0	0	0
Dr. Martin Luther King, Jr. Complex	Dr. Martin Luther King, jr. Blvd.	School	1	0	1	0	0	0	0	0	0
Indiana Avenue School	Indiana Avenue	School	1	0	1	0	0	0	0	0	0
New Jersey Avenue School	New Jersey Avenue	School	1	0	1	0	0	0	0	0	0
Uptown School Complex	323 Madison Avenue	School	1	0	1	0	0	0	0	0	0
Texas Avenue School	Texas & Arctic Avenues	School	1	0	1	0	0	0	0	0	0
Brighton Avenue School	Brighton Avenue	School	1	0	1	0	0	0	0	0	0
Richmond Avenue School	Richmond Avenue	School	1	0	1	0	0	0	0	0	0
Chelsea Heights	1401 Filbert Avenue	School	1	0	1	0	0	0	0	0	0
Venice Park School	1601 Penrose Avenue	School	1	0	1	0	0	0	0	0	0
Our Lady Star of the Sea	15 n. California ave.	School	1	0	1	0	0	0	0	0	0
Atlantic City High School	1400 Albany Avenue	School	0	0	1	0	0	0	0	0	0
Ohio Avenue School	29 north Ohio Avenue	School	1	0	1	0	0	0	0	0	0
ACCC City Center Campus	Bacharach Boulevard	School	1	0	1	0	0	0	0	0	0
Stockton University Atlantic City Campus	3711 Atlantic Avenue	School	1	0	1	0	0	0	0	0	0
Eastern Pines Convalescent Center	29 North Vermont Ave	Senior Care Facility	1	0	1	0	0	0	0	0	0
Caring Senior Living, Inc	227 North Vermont Ave	Senior Care Facility	1	0	1	0	0	0	0	0	0
ACUA Wastewater Treatment Plant	1701 Absecon Blvd	Wastewater Treatment Facility	1	0	1	0	0	0	0	0	0
Atlantic County Util Auth WWTF	1801 Absecon Blvd.	Wastewater Treatment Facility	1	0	1	0	0	0	0	0	0
Atlantic City Municipal Authority	401 Virginia Avenue	Water Supply Facility	1	0	1	0	0	0	0	1	0
Total			45	1	50	0	3	4	0	10	0

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 Atlantic City		
Quantified Hazard	Annualized Loss	Annual Loss Ratio
Extreme Wind	\$1,612,000	0.033%
Hurricane and Tropical Storm	\$4,852,000	0.060%
Lightning	\$13,900	0.000%
Tornado	\$4,200	0.000%
Drought*	\$0	0.000%
Winter Storm	\$44,000	0.001%
Coastal Erosion**	\$594,000	0.020%
Flooding (Riverine)	\$0	0.000%
Storm Surge (Coastal Flooding)	\$156,164,000	1.970%
Earthquake	\$86,000	0.001%

*Derived from crop values

**Assuming absence of current beach nourishment and stabilization actions.

Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Atlantic 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 Atlantic City 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
5/18/21	Webinar	Flood Insurance Webinar for properties in the SFHA including discussion on the City's mitigation efforts	OEM – Scott Evans Construction – Anthony Cox
5/19/21	City Council Meeting	Public Meeting to discuss Resolution 280 supporting Atlantic City's participation in the Atlantic County Multijurisdictional Hazard Mitigation Update	OEM – Scott Evans
7/21/21	City Council Meeting	Public Meeting to discuss Resolution 382 to support the City applying for FMA grant funding and discussion on hazard mitigation planning	OEM – Scott Evans
6/17/21	Third Ward Civic Association	Civic Group Meeting to discuss the City's hazard mitigation plans.	OEM – Scott Evans Councilman Kaleem Shabazz
7/15/21	Third Ward Civic Association	Civic Group Meeting to discuss mitigation efforts and the grants that the city is looking to assist in mitigation.	OEM – Scott Evans Councilman Kaleem Shabazz

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	Does the plan address storm drains?	Marry Jefferson	Scott Evans	07/15/21	Verbal		Yes, city is requesting funding for improvements to storm drains.	Scott Evans	
2	Is the still funding available to elevate homes?	Carol Hartman	Scott Evans	07/15/21	Verbal		Advised that City will be submitting a grant to elevate homes at the end of September.	Scott Evans	Ms. Hartman was sent application

Capability Assessment

This section describes the following capabilities of Atlantic 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. Atlantic 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	Y
Growth Management Ordinance	Y
Site Plan Review Requirements	Y
Comprehensive Plan	Y
Capital Improvements Plan	Y
Economic Development Plan	Y
Emergency Response Plan	Y
Post-Disaster Recovery Plan	Y
Post-Disaster Recovery Ordinance	Y
Real Estate Disclosure Ordinance	Y
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	N
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	Y
Incur Debt through General Obligation Funds	Y
Incur Debt through Special Tax and Revenue Bonds	Y
Incur Debt through Private Activity Bonds	Y
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 - even if met with opposition? (i.e., guiding development away from identified hazard areas)?
High	High	Moderate	High	High
Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.				
<p>The City of Atlantic City continues to pursue grant funding at the State and Federal level to implement hazard mitigation projects. Our ongoing partnerships with FEMA, Army Corps of Engineers, NJDEP and the County of Atlantic are vital to obtaining the funding and resources needed to implement our mitigation projects.</p>				
<p>The City of Atlantic City intends on bridging the gaps in our local capabilities by educating all the departments involved with pre and post disaster mitigation to ensure the goals and objectives of the hazard mitigation plan are met. This will include establishing points of contacts and liaisons that can coordinate between the different departments to ensure pre and post disaster mitigation procedures are completed properly and not duplicated.</p>				
<p></p>				

Plan Integration

It is the intention of Atlantic 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) – Atlantic City undertook the following plan integration mechanisms over the last planning cycle:

The City joined the CRS program in 1992 and from 1992 to 2016 the Atlantic City was a Class 9 Community. In the last planning cycle the City increased our outreach efforts and requested a cycle verification visit. The City increased public awareness programs and provided residents with property protection information. As a result of our efforts, in April 2018 the City went to a Class 6 Community and now our residents receive a 20% discount on their flood insurance premiums. Since the last planning cycle was completed, the City finished several major flood prevention projects. A new seawall on the Absecon Inlet, the Baltic Avenue Drainage Improvement Project and replacement of several damaged bulkheads.

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

The City continues to increase our efforts to reduce the cost of flood insurance for our residents. In 2019 City Council adopted the City's Program for Public Information (PPI) plan. The City has also adopted a Flood Management Plan. The City is working with Stockton Coastal Research Center to complete a Watershed Management Plan. These efforts will assist the City's likelihood of reaching a Class 4 Community rating. Flood pumps will be installed on Atlantis Avenue and several bulkhead projects are anticipated to be completed in 2021. The City has installed an emergency siren system that will allow the City to broadcast emergency messages throughout the City. Emergency generators are planned for several critical facilities.

Mitigation Strategy

This subsection sets forth the mitigation strategy for Atlantic 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 Atlantic 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.

Atlantic 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	Absecon Inlet Bulkhead - An agreement with the US Army Corps of Engineers, NJDEP and the City, calls for the construction of a steel bulkhead with a stone revetment placed seaward of the bulkhead. The section to be constructed is from Oriental Avenue to Atlantic Avenue, totaling 1,050 linear feet seaward of the existing damaged boardwalk. The boardwalk, which has been closed off to pedestrians will be replaced as part of this project.	High	Flooding	Anthony Swan, Business Administrator	√				The project is complete.		√	Project is not being carried forward, as all work is complete
2	Baltic Avenue Flood Project - Baltic Avenue Drainage Improvement Project will install new electronically controlled flood gates and pumps at each end of the canal. The Baltic Avenue Canal runs from Atlantis Avenue to the Fisherman's Park, covering 850-acres portion of Atlantic City. When completed the project will increase the capacity of the Baltic Canal by controlling water flowing in from the bay while pumping out excess rain water out.	High	Flooding	Anthony Swan, Business Administrator		√			The City has replaced the timber floods gates on Atlantis Avenue and Fishermen's Park with stainless steel gates. Two pumps have been installed at Fishermen's Park. The City secured funding for an additional six pumps. This phase of the project should be completed in 2022.	√		The first phase of the project was completed under the last HMP. The project continues with the next phases of construction at the Atlantis Avenue site.
3	Boardwalk Hall Flood Control - Boardwalk Hall is a publicly owned building that is on the State and Federal Register of Historic Buildings. The planned improvements included tunnel trench drain replacements, dewatering pumps and wellpoints for outer drive, EWX room, ACCVA side of garage and sub-basement, installation of hydraulic flood gates.	High	Flooding	Anthony Swan, Business Administrator				√	Boardwalk Hall is owned and operated by the State of New Jersey under the auspices of the New Jersey Casino Reinvestment Development Authority and they are spearheading the improvement project.	√		No change to the plan. Funding is still being sought to move this project forward.
4	Bulkheads - City wide Installation of a new bulkhead along Inside Thorofare from Albany to Jackson Avenue. Action is needed to protect public and private property from future flooding events.	High	Flooding	Anthony Swan, Business Administrator		√			The City replaced the bulkhead at the Tallahassee Avenue street-end. Funding has been secured to replace additional sections of the bulkhead and work should be completed in 2022.	√		Still relevant - only the Tallahassee Avenue of the bulkhead was complete under the last HMP.
5	Chelsea Heights Flood Control - The project will protect the public infrastructure (City streets, South Boulevard Promenade, Chelsea Height Recreational Center	High	Flooding, erosion	Anthony Swan, Business Administrator		√			Superstorm Sandy funds have been allocated. The project is being designed and permitted. Construction is scheduled to start in 2021.	√		For the 2021 HMP this project will continue under WS 5 as part of the <i>new</i>

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	
	and water front walkways) and protect the life and property of the residents who live in this neighborhood.											<i>bulkheads, living shorelines and pump stations in low lying areas.</i> In addition to Chelsea Heights, the project will include Venice Park and Bungalow Park, other areas that frequently flood.
6	Code Updates - The City amended Chapter 163 and 132 of the City Code increase the lowest horizontal structure of the lowest floor so that it is elevated to or above the base flood elevation to plus two feet. The new regulations will apply to all new construction and substantially improved properties.	High	Flooding	City Administration			√			√		The City continues to look at areas of the City Code that can be updated to protect property from natural disasters.
7	Dry Floodproofing - City Hall. The City is looking to replace current first floor doors with water tight doors, seal or reroute all drainage lines, conduits to prevent water from entering the generator room. Install a permanent pump system set in a sump pit with automatic level controls. The pump will be wired to the emergency generator to provide uninterrupted power. Foundation repairs are also needed.	High	Flooding	Anthony Swan, Business Administrator		√			Grant funding has been secured. Design is underway and construction is planning for 2021	√		This project was moved to WS 16 for the 2021 update and will include dry flood proofing of the All Wars Memorial Building, in addition to City Hall.
8	Elevate Damaged Buildings - Identify and document properties that repetitively flood. Explore mitigation opportunities for repetitively flooded properties and if necessary, carry out acquisition, relocation, elevation and flood-proofing measures to protect these properties.	High	Flooding	Anthony Swan, Business Administrator			√		The City continues to apply for FEMA reimbursement grants to assist homeowners in elevating their properties.	√		This project was moved to WS 9 for the 2021 update. The City continues to promote home elevation opportunities for homeowners and we apply annually

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	
												for grants on behalf of our property owners.
9	Elevate Traffic Signal Controls - The City is looking to elevate traffic signal control boxes to ensure that the structures are rebuilt stronger, safer and are less vulnerable to future flooding events.	High	Flooding	Anthony Swan, Business Administrator		√			The City received Superstorm Sandy funds to elevate the traffic control boxes. Construction is planning for 2021	√		This project was moved to WS 10 for the 2021 update. The City continues to apply for funding to elevate the traffic control boxes that subjected to flooding during storms.
10	Elevate Albany Avenue - Albany Avenue is a major access rout in and out of Atlantic City. The proposed project extends from Sunset Avenue to Ventnor Avenue. The roadway at the Inside Thorofare Bridge is at 10 ft. The intervening 780 linear feet of roadway dips to an elevation of 5.5 ft., which is below the elevation of a 10-year flood event.	High	Flooding	Anthony Swan, Business Administrator				√	A feasibility study has been completed by the South Jersey Transportation Authority. No funding has been secured for this project. The City considers this a high priority project. Albany Avenue is evacuation route for City residents.	√		This project continues under WS 8 of the 2021 update. This is still a priority for the City as Stockton University and South Jersey Gas are now located in the area. Albany Avenue is also an evacuation route out of the City.
11	Emergency Communication System - To promote safety in the City and in the Tourism District the city is looking to install emergency communications system to alert visitors of potential hazards. The proposed system will help law enforcement personnel communicate with visitors and residents daily and during special events.	High	All	Anthony Swan, Business Administrator		√			The City's emergency broadcast system was updated and expanded into the City's neighborhoods. The City is now able to provide warning messages to all City residents.	√		The City will continue to make improvements to our emergency communications systems.
12	Emergency Generators - The City plans on installing emergency generators in five firehouses, All Wars Memorial Building, Police Athletic Building,	High	All	Anthony Swan, Business Administrator		√			The City installed emergency generators in the All Wars Memorial Building and the Police Athletic Building. In next phase the City will install generators in the fire houses. The City hopes to	√		The City has added additional locations to our plan for emergency generators.

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	
	Uptown Complex School, Texas Avenue School, Dr. Martin L. King Complex.								secure funding to install generators in schools that are used as shelters.			
13	Public Awareness - Public awareness is a continuing process. The City holds periodic discussions on hazard mitigation plan. The mitigation plan is necessary to advance the goals of the plan to include public participation and education of the mitigation tasks necessary to provide for resiliency and avoid repetitive losses.	High	All	Anthony Swan, Business Administrator			√		The City continues to promote public education about hazards and the mitigation plan.	√		The City continues our public awareness programs and outreach efforts. As part of our mitigation efforts we look to inform the public on ways they can protect their properties.
14	North Inlet Flood Control - The Massachusetts Avenue Stormwater System serves an area of Massachusetts Avenue and Carson Avenue in the Bungalow Park section of the City. The City is requesting funding to install 160 lf of vinyl/timber bulkhead, a storm water pump station, 50 lf of piping and two inlets.	High	Flooding, erosion	Anthony Swan, Business Administrator	√				The City completed the installation of the bulkhead on Massachusetts Avenue. The finishing work should be complete by the end of the year.		√	This project was completed and it is no longer necessary to carry this project forward.
15	Sunset Avenue Flood Control - The Sunset Avenue Bulkhead Improvements will address a deteriorated bulkhead, sea level rise and a naturally low elevation of the area. By installing new bulkheads flooding in this area will be reduced. Additionally, it will stop soil erosion in several areas at Sunset Avenue and the bay.	High	Flooding, erosion	Anthony Swan, Business Administrator		√			Grant funding has been secured. The bulkhead design is complete. Construction should begin in 2021.	√		This project continues and in the 2021 update, the City is looking to include bulkheads in the Ducktown neighborhood. Funding has been secured for the Chelsea section of the bulkhead.

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 Atlantic 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		
Emergency generators (PAL and All Wars Memorial Building)	2015	2020	\$734,321.22 Total \$430,000 FEMA \$304,321.22 Local	In the Plan
North Inlet Flood Control Bulkhead (Massachusetts Ave Bulkhead)	2015	2021	\$1,1073,020 Total \$804,765 FEMA \$268,255 Local	In the Plan
Baltic Avenue Drainage Improvements (Fisherman's Park portion)	2015	2019	\$5,256,734.20 Total \$3,942,550.25 FEMA \$1,314,183.95 Local	In the Plan
Absecon Inlet Bulkhead (Boardwalk portion)	2014	2018	\$11,455,851 Total \$10,310,265 FEMA \$1,145,586 Local	In the Plan
Absecon Inlet Bulkhead (Seawall portion)	2014	2018	\$32,500,000 Total \$22,500,000 FEMA \$10,000,000 Local	In the Plan
Bulkheads City-wide (Tallahassee Ave Bulkhead portion)	2015	2020	\$196,110 Total \$176,499 FEMA \$19,611 Local	In the Plan
Emergency Communications System (install speakers in various locations)	2020	2021	\$250,000 Total \$250,000 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 Atlantic 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. Atlantic 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 - Install and maintain inlet grates that keep debris out of the drainage system

Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>1</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Stormwater system clogging</i>
Describing the Action	
Action category	<i>Human Life and structure and Infrastructure</i>
Action type	<i>Preservation of public health and safety, structures and natural resources</i>
Action description	<i>Install and maintain inlet grate that keep debris out of the drainage system.</i>
Existing, future &/or NA	<i>Existing & Future</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Damage to buildings and infrastructure would be avoided.</i>
Cost estimate	<i>Capital - NA, \$50,000/yr. for ongoing maintenance of system by DPW and contractors. Retrofitting of inlet grates will be done as streets are paved.</i>
Cost effectiveness (i.e., benefit/cost)	<i>Project is cost effective compared to overall flood damage.</i>
Technical	<i>Yes.</i>
Political	<i>Public support and council support</i>
Legal	<i>City has authority</i>
Environmental	<i>yes, all are environment actions are positive. Mitigation to storm events</i>
Social	<i>none</i>
Administrative capability	<i>Program is managed by DPW.</i>
Local champion	<i>City Council</i>
Other community objectives	<i>Serve as an environmental benefit.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Program is managed by the City.</i>
Responsible party	<i>administration</i>
Potential funding sources	<i>FEMA, NJDEP, NJIT, City Budget</i>
Time line	<i>Pending funding</i>
Reporting on Progress	
Action progress status	<i>New action</i>

ACTION WORKSHEET - Baltic Avenue Drainage Improvement/Stormwater Project

Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>2</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>The City administration has been working to address areas of the City that are vulnerable to flooding. Additionally, the City has been active in pursuing outside funding to remedy high risk areas.</i>
Describing the Action	
Action category	<i>Infrastructure improvements, flood protection</i>
Action type	<i>Drainage project to reactive the Baltic Avenue Canale that was built in 1912 .</i>
Action description	<i>The flood gates on either end of the Baltic Avenue Canal were replaced in 2018. A pump station is being designed and permitted and will be constructed in 2022. Once the project is complete, it should help control stormwater in the City.</i>
Existing, future & / or NA	<i>The steps the City is taking now should protect the City, its residents and business community against future losses.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>The City has the funding in place for the Baltic Avenue Drainage Improvement Project. When the projects are complete they should prevent future flood loss and damage to city, business and residential properties.</i>
Cost Estimate	<i>\$12,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City has been actively pursuing grant funding. The overall cost to the City has been minimum because of the grants that the City has received. The benefits from the projects will provide protection to City properties, address nuisance flooding and should improve the City's CRS rating.</i>
Technical	<i>The improvements are technically feasible and the City is working with State and Federal agencies to ensure compliance.</i>
Political	<i>The City has the support of City Council and our local representatives on both the state and federal level.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our Solicitor's office and legal representatives from the agencies that we have been working with.</i>
Environmental	<i>All environmental issues are being addressed as part of the contracts that the City has entered into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City has hired consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has been very fortunate to have the support of our residents, local and federal representatives.</i>
Other community objectives	<i>Increase public awareness and additional training.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>City Administration</i>
Potential funding sources	<i>The City has received funding for our projects from the New Jersey Department of Environmental Protection, United States Economic Development Agency, NJEDA, FEMA and has issued bonds to fund the City's required share.</i>
Time line	<i>Flood gates on either end of the Baltic Avenue Canal were replaced in 2018. Additional pumps at the Atlantis Avenue site will be installed in 2022.</i>
Reporting on Progress	
Action progress status	<i>Two pumps were installed at the Fishermen's Park location and six additional pumps are planning for the Atlantis Avenue location. The City secured a \$2.45 million grams from the US Economic Development to leverage a \$7.94 million grant from the NJ Department of Environmental Protection.</i>

ACTION WORKSHEET - Boardwalk Hall Flood Control System	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	3
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>Basement of Boardwalk Hall floods.</i>
Describing the Action	
Action category	<i>Flood Prevention</i>
Action type	<i>Installation of additional pumps, flood gates and other drainage improvements.</i>
Action description	<i>Boardwalk Hall is a publicly owned building that is on the State and Federal Register of Historic Buildings. The planned improvements included tunnel trench drain replacements, dewatering pumps and wellpoints for outer drive, EWX room, ACCVA side of garage and sub-basement, installation of hydraulic flood gates.</i>
Existing, future & / or NA	<i>The improvement will protect the property and prevent future closures due to flooding.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect public property and prevent facility closings due to flooding.</i>
Cost Estimate	<i>\$4,460,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Boardwalk Hall is one of the most popular mid-size concert venues in the country. In addition to concerts it also hosts sporting event, conventions and other activities. Due to flooding Boardwalk Hall is subjected to traffic flow obstructions and damages to the finishes, electronics and drainage systems. Boardwalk Hall has also had interruptions to planned events because of flooding.</i>
Technical	<i>Technically feasible.</i>
Political	<i>There is support at the local and state level for these improvements.</i>
Legal	<i>This project would be reviewed by CRDA's Legal Counsel.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City and the CRDA support these improvements.</i>
Other community objectives	<i>This project will add a level of protection against future flooding due to storms.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Casino Reinvestment Development Authority</i>
Responsible party	<i>Casino Reinvestment Development Authority</i>
Potential funding sources	<i>Casino Reinvestment Development Authority</i>
Time line	<i>The CRDA is looking to secure funding for this project.</i>
Reporting on Progress	
Action progress status	<i>Boardwalk Hall is owned and operated by the State of New Jersey under the auspices of the New Jersey Casino Reinvestment Development Authority and this organization is spearheading this improvement.</i>

ACTION WORKSHEET - Installation of new bulkhead along Inside Thorofare from Albany Avenue to Jackson Avenue

Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>4</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding, erosion</i>
Risk Finding	<i>Deteriorated bulkheads are causing flooding and soil erosion.</i>
Describing the Action	
Action category	<i>Flooding, storm protection</i>
Action type	<i>Installation of new raised bulkhead.</i>
Action description	<i>The City is proposing to raise the height of our current bulkhead system to protect public and private</i>
Existing, future & / or NA	<i>The improvements will protect current properties and future development.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect public property from flooding and prevent repetitive losses due to the deteriorated bulkheads.</i>
Cost Estimate	<i>\$9,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City current bulkhead system is deteriorating and needs to be raised to protect public and private property from future flooding events. This includes the bulkhead system along Inside Thorofare from Albany to Jackson Avenues and additional areas throughout the City where there are no bulkheads or inadequate bulkheads. During Hurricane Sandy and similar storms, the water has risen to and/or gone over the current bulkheads. Improvements to the bulkhead system will protect the City and residents against future losses.</i>
Technical	<i>Technically feasible and in the best interest of protecting city and residential properties.</i>
Political	<i>The City administration and council have come under intense political pressure to address the flooding issues throughout the City.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our Solicitor's office and legal representatives from the agencies that we have been working with.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has support of City Council and the residents of the areas adjacent to the Inside Thorofare and other water front areas in the City.</i>
Other community objectives	<i>This project will add a level of protection against future flooding due to storms.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Time line	<i>Construction 2021-2022</i>
Reporting on Progress	
Action progress status	<i>In 2018 the City received FEMA approval to allocate \$1,039,00 in alternative funds toward this project. The funds have been used for project engineering and permitting and will be use for the reconstruction portion of the City-owned bulkheads from Richmond to Kingston Avenues. The City has awarded an engineering-permitting contract of all the City-owned bulkheads in this project area. The Tallahassee Avenue street-end bulkhead was recently replaced due to the emergency condition created by its condition. FEMA has approved a \$3.6M grant in additional funds for this project and a 3.5 million Superstorm Sandy CDBG-DR funds have been secured.</i>

ACTION WORKSHEET - Install new bulkheads, living shorelines, and pump stations in low lying areas

Implementing the Action	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>5</i>

Assessing the Risk

Hazard(s) addressed	<i>Flooding, erosion</i>
Risk Finding	<i>Low lying areas need perimeter protection</i>

Describing the Action

Action category	<i>Flooding, storm protection</i>
Action type	<i>Installation of bulkheads, living shorelines and pump stations</i>
Action description	<i>The project will protect the public infrastructure in low lying areas like Chelsea Heights, Bungalow Park, and Venice Park and protect the life and property of the residents who live in these neighborhoods.</i>
Existing, future & / or NA	<i>Future project to protect city and residential properties.</i>

Evaluating the Action

Losses avoided (i.e., benefits)	<i>Protect public property from flooding and prevent repetitive losses due to the lack of protection.</i>
Cost Estimate	<i>\$20,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The project will reduce flooding in a critical areas of the City and reduce the potential for additional losses due to property flooding. City infrastructure will be</i>
Technical	<i>Technically feasible and in the best interest of protecting city and residential</i>
Political	<i>The City administration and council support these improvements.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our Solicitor's office and legal representatives from the agencies that we have been working with.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has support of City Council and the residents.</i>
Other community objectives	<i>This project will add a level of protection against future flooding due to storms.</i>

Implementing the Action

Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Time line	<i>The City is looking to secure funding for this project.</i>

Reporting on Progress

Action progress status	<i>A Federal Interest Determination by the US Army Corps of Engineer's was completed in 2014. The City is continuing to pursue funds for this project as they become available.</i>
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ACTION WORKSHEET - Continue to Update Codes	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>6</i>
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>City codes did not conform to new BFE.</i>
Describing the Action	
Action category	<i>Public Education and Code Revision</i>
Action type	<i>Identify hazards and make appropriate revisions to the City Code and increase public awareness.</i>
Action description	<i>The City amended Chapter 163 and 132 of the City Code increase the lowest horizontal structure of the lowest floor so that it is elevated to or above the base flood elevation to plus two feet. The new regulations will apply to all new construction and substantially improved properties.</i>
Existing, future & / or NA	<i>Past project to protect residential, commercial and city properties from future flooding..</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protecting properties against future losses.</i>
Cost Estimate	<i>25,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>As properties are renovated under the new City regulations, they should be protected against future losses.</i>
Technical	<i>The new mitigation requirements are technically feasible and have been accepted by the public as a necessary means of protecting property against future losses.</i>
Political	<i>The City Council and Planning Board approved the Code amendments.</i>
Legal	<i>No legal issues</i>
Environmental	<i>No environmental issues.</i>
Social	<i>No impact on any segment of the City.</i>
Administrative capability	<i>The City has the administrative personnel on staff to ensure compliance with the new regulations.</i>
Local champion	<i>City Council and residents whose properties have been substantially damaged.</i>
Other community objectives	<i>Increase public awareness.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>City Administration</i>
Potential funding sources	<i>FEMA grants, homeowner's insurance.</i>
Time line	<i>The law is in effect and properties owners are having their houses raised.</i>
Reporting on Progress	
Action progress status	<i>In 2015 the City's codes were updated to reflect the two-foot of freeboard requirement. Additionally, in 2019 the City Council passed an ordinance establishing a minimum bulkhead elevation height of 8.5 feet NAVD 88.</i>

**ACTION WORKSHEET - Develop microgrids, backup electric, and telecommunications systems in critical facilities
- Private Sector Funded**

Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>7</i>

Assessing the Risk

Hazard(s) addressed	<i>All hazards.</i>
Risk Finding	<i>The City's critical facilities could be impacted by loss of power and communications.</i>

Describing the Action

Action category	<i>Public awareness</i>
Action type	<i>Protect critical facilities against loss of electric and telecommunications.</i>
Action description	<i>The City is looking to develop a plan for back up electric and telecommunications systems, which would include a microgrid to enhance local resiliency and protect critical facilities.</i>
Existing, future & / or NA	<i>Future protection measures</i>

Evaluating the Action

Losses avoided (i.e., benefits)	<i>Protect critical facilities and enhance public safety.</i>
Cost Estimate	<i>\$40,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City looking for grant funding that would help pay for electric generators for critical facilities. A grant from the NJ Board of Public Utilities will fund a feasibility for a microgrid to improve operations and provide for stabilization of the electric and communications systems.</i>
Technical	<i>Technically feasible. The project is consistent with high priority mitigation projects that the City has identified.</i>
Political	<i>There is support for this project locally and at the state level.</i>
Legal	<i>There are no legal issues.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has the support the residents and businesses that will benefits for this project.</i>
Other community objectives	<i>Increase public safety.</i>

Implementing the Action

Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator/Private Energy Providers</i>
Potential funding sources	<i>NJBPU, FEMA, Hazard Mitigation Grants, and HMGP funding.</i>
Time line	<i>Depends on Private Sector Energy Providers</i>

Reporting on Progress

Action progress status	<i>The City is pursuing backup electric generators through grant programs and as funding is available. The City has also secured a NJ Board of Public Utilities funds and completed a feasibility study for a microgrid to serve the medical center, Boardwalk Hall, and nearby facilities. Atlantic City is also studying long-term changes to its communication systems, which may include fiber optics and enhanced public safety capabilities.</i>
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ACTION WORKSHEET - Elevate Albany Avenue between Sunset Avenue and Ventnor Avenue	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	8
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>Protecting evacuation route for residents of the Lower Chelsea section of the City.</i>
Describing the Action	
Action category	<i>Flood prevention/elevation</i>
Action type	<i>Elevation of properties</i>
Action description	<i>Albany Avenue is a major access rout in and out of Atlantic City. The proposed project extends from Sunset Avenue to Ventnor Avenue. The roadway at the Inside Thorofare Bridge is at 10 ft. The intervening 780 linear feet of roadway dips to an elevation of 5.5 ft., which is below the elevation of a 10-year flood event.</i>
Existing, future & / or NA	<i>Future protection measure.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>The elevation of Albany Avenue will protect the sole designated Evacuation Route serving the southern portion of the City.</i>
Cost Estimate	<i>\$2,785,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The project would reconstruct, elevate and add drainage improvements on Albany Avenue at the intersections Sunset, Winchester, Sussex and Norsex Avenue. The improvements would provide safe access for the Evacuation Route and reduce flooding in this low-lying area.</i>
Technical	<i>Technically feasible.</i>
Political	<i>The project has the support of City Council, public safety and the residents and businesses who use Albany Avenue.</i>
Legal	<i>There are no legal issues.</i>
Environmental	<i>There are no environmental issues associated with this project.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to oversee implementation of the upgrades.</i>
Local champion	<i>Residents and businesses who use Albany Avenue.</i>
Other community objectives	<i>Protect the safety of an Evacuation Route.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants, NJDOT</i>
Time line	<i>The City is looking to secure funding for this project.</i>
Reporting on Progress	
Action progress status	<i>A feasibility study has been completed by the South Jersey Transportation Authority to elevate Albany Avenue. The City considers this project a high priority, particularly with the recent completion of the Stockton University Atlantic City campus and new South Jersey Gas headquarters located at the end of Albany Avenue., the development of Bader Field and the fact that this roadway is an emergency access route for residents of Atlantic City and downbeach.</i>

ACTION WORKSHEET - Elevate Substantially Damaged Buildings	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>9</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>Addressing properties that are repetitively flooded.</i>
Describing the Action	
Action category	<i>Flood prevention/elevation</i>
Action type	<i>Elevation of properties</i>
Action description	<i>Identify and document properties that repetitively flood. Explore mitigation opportunities for repetitively flooded properties and if necessary, carry out acquisition, relocation, elevation and flood-proofing measures to protect these</i>
Existing, future & / or NA	<i>Current and future protection measures to protect properties.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Many residential properties have been subjected to losses due to flooding. The City is looking to secure funding to assist residents that severe repetitive losses.</i>
Cost Estimate	<i>\$40,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>According to the FEMA guidelines structures identified in the riverine SFHA on the current Flood Maps and declared substantially damaged are automatically considered cost effective.</i>
Technical	<i>Technically feasible. Some properties in Atlantic City have received funding and approval to raise their homes.</i>
Political	<i>The project has the support of City Council and the residents.</i>
Legal	<i>There are no legal issues. The City Solicitor's Office would review all contracts and any other documents needed to advance this project.</i>
Environmental	<i>There are no environmental issues associated with this project.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's</i>
Administrative capability	<i>The City has current staff available to oversee implementation of the upgrades.</i>
Local champion	<i>Residents who live in areas of the City that have repetitively flooded.</i>
Other community objectives	<i>Promote disaster-resistant development.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator/Property Owners</i>
Potential funding sources	<i>FEMA and Private Property Owners, no cost to the City.</i>
Time line	<i>The City is looking to secure funding for this project.</i>
Reporting on Progress	
Action progress status	<i>Atlantic City continues to make consistent progress on the elevation and mitigation of repetitively damaged buildings. FEMA grants continue to be disbursed to assist with owners' elevation projects. The Division of Construction oversee these elevation projects to confirm compliance with the current design flood elevations at the time of completion and prior to the issuance of a Certificate of Occupancy.</i>

ACTION WORKSHEET - Elevate Traffic Signal Control Boxes	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	10
Assessing the Risk	
Hazard(s) addressed	<i>Flooding, erosion</i>
Risk Finding	<i>Traffic signal control boxes are at street level.</i>
Describing the Action	
Action category	<i>Flooding</i>
Action type	<i>Elevate traffic control boxes</i>
Action description	<i>The City is looking to elevate traffic signal control boxes to ensure that the structures are rebuilt stronger, safer and are less vulnerable to future flooding events.</i>
Existing, future & / or NA	<i>Current project to bring traffic signal control boxes above base flood elevation.</i>
Evaluating the Action	
(i.e., benefits)	<i>Flooding traffic controllers</i>
Cost Estimate	<i>\$2,100,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>As a tourist destination the City is responsible for protecting the visitors as well as the residents of the City. The City correct controller are at street level. By raising the control boxes above flood elevation, the City will not experience future damage similar to what occurred during Hurricane Sandy. After Sandy, traffic control signals in the City were out for weeks until proper repairs could be completed. This caused unsafe driving conditions, vehicle accidents and massive confusion for visitors and</i>
Technical	<i>Technically feasible and a preventative measure to protect public welfare.</i>
Political	<i>There are no political issues with this project.</i>
Legal	<i>There ae no legal issues with this project.</i>
Environmental	<i>There are no environmental issues with this project.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The project has the support of the residents.</i>
Other community objectives	<i>The project will have an added benefit for the visitors to Atlantic City.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Time line	<i>Construction is planned for 2022</i>
Reporting on Progress	
Action progress status	<i>Superstorm Sandy CDBG-CR funds have been secured and engineering and permitting are underway for this project with construction planned for 2021.</i>

ACTION WORKSHEET - Emergency Communications System	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	11
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>The City lacks an emergency communications system and is looking for ways to increase safety measures for residents and visitors during hazard events.</i>
Describing the Action	
Action category	<i>Public awareness</i>
Action type	<i>Installation of an emergency communications system.</i>
Action description	<i>To promote safety in the City and in the Tourism District the city is looking to install emergency communications system to alert visitors of potential hazards. The proposed system will help law enforcement personnel communicate with visitors and residents daily and during special events.</i>
Existing, future & / or NA	<i>Current project.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>The emergency communications system will enhance safety on the Boardwalk and would be integrated with other alert and warning actions that are in place.</i>
Cost Estimate	<i>\$300,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The cost of the emergency communications systems is small in comparison to the potential benefits the City could receive by having the system in place. The boardwalk host millions of tourist annually either directly or by their attendance at special events that the City holds, including the Air Show and the Miss America Parade.</i>
Technical	<i>Technically feasible; project will require the installation of 40 50 watt PA horn speakers, 4 dell computer, 40 UHF/VHF wireless controllers, 40 solar panels.</i>
Political	<i>There is support for this project locally and at the state level.</i>
Legal	<i>There are no legal issues.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has the support of law enforcement at the local and state levels.</i>
Other community objectives	<i>Increase public safety.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants, and HMGP funding.</i>
Time line	<i>Project is currently ongoing.</i>
Reporting on Progress	
Action progress status	<i>An audio/visual broadcast systems was installed on the boardwalk in 2014. In 2021 the City expanded its emergency broadcast systems into the City's neighborhoods. The City now has the capability to broadcast emergency messages throughout the City.</i>

ACTION WORKSHEET - Emergency Generators	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	<i>12</i>
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>The City's buildings do not have emergency generators. The addition of emergency generators will allow City facilities, including our firehouses and community buildings to operate during natural disasters.</i>
Describing the Action	
Action category	<i>Emergency Generators</i>
Action type	<i>Purchase and installation of ten emergency generators</i>
Action description	<i>The City plans on installing emergency generators in five firehouses, All Wars Memorial Building, Police Athletic Building, Uptown Complex School, Texas Avenue School, Dr. Martin L. King Complex.</i>
Existing, future & / or NA	<i>Current project. Generators have been installed at the All Wars Memorial Building and the Police Athletic Building. Funding is needed for the other locations.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>The fire houses, community buildings and schools are centrally located so they can serve all of the City's neighborhoods. The firehouses play a major role in assuring that damage and loss of life and injuries are reduced or prevented during a natural disaster. The schools and community buildings serve as shelters of last resort for residents.</i>
Cost Estimate	<i>\$2,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The installation of emergency generators will be very beneficial in assuring that the City's resources are able to function in their respective neighborhoods. This would</i>
Technical	<i>Technically feasible. The project is consistent with high priority mitigation projects that the City has identified.</i>
Political	<i>The City has the support of City Council and our local representatives on both the state and federal level. Additionally, the City has the support of the Atlantic City Board of Education.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our Solicitor's office and legal representatives from the agencies that we have been working with.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of the City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has been very fortunate to have the support of our residents, local and federal representatives.</i>
Other community objectives	<i>The project is consistent with the New Jersey State Multi-Hazard Mitigation Plan.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Timeline	<i>The City has replaced the emergency generators at the All Wars Memorial Building and the PAL Building. The City is seeking funding to install emergency generators in the City's firehouses and the City schools that are used as shelters.</i>
Reporting on Progress	
Action progress status	<i>Emergency Generators have been installed at the All Wars Memorial Building and the PAL Building. The design and permitting of emergency generators at the City's six firehouses is complete. The City continues to seek funding for the installation of these emergency generators and will be applying for a FEMA Pre-Disaster Mitigation grant.</i>

ACTION WORKSHEET - Maintain the Floodplain Management Plan	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	13
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>Increase public awareness as a tool for future planning and prevention</i>
Describing the Action	
Action category	<i>Public Education and Code Revision</i>
Action type	<i>Public Awareness</i>
Action description	<i>Public awareness activities are vital in providing residents and businesses with ways to address and protect their properties from potential flood damage, including the importance of flood insurance, revise floodplain management plan, program for public participation, watershed management plan and repetitive loss area analysis.</i>
Existing, future & / or NA	<i>Relevant to current and future planning.</i>
Evaluating the Action	
(i.e., benefits)	<i>Provide public information on efforts to protect their properties</i>
Cost Estimate	<i>\$25,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City participated in the CRS program for City property owner so that their receive a discount on their flood insurance. Currently Atlantic City is a Class 6 city under the National Flood Insurance Program. With increased outreach and activities, the City is looking to go to be a Class 4 or 5, thereby saving property owners on their flood insurance cost.</i>
Technical	<i>There are no technical issues.</i>
Political	<i>The City has the support of City Council and the various boards that serve the</i>
Legal	<i>No legal issues</i>
Environmental	<i>No environmental issues.</i>
Social	<i>No impact on any segment of the City.</i>
Administrative capability	<i>The City has the administrative personnel on staff to promote public</i>
Local champion	<i>City Council and residents whose properties have been substantially</i>
Other community objectives	<i>Increase public awareness.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA grants, city funding.</i>
Time line	<i>Ongoing process.</i>
Reporting on Progress	
Action progress status	<i>The City Council passed Resolution No. 428 on August 19, 2020 adopting the Floodplain Management Plan.</i>

ACTION WORKSHEET - Promote Public Education about hazards and the mitigation plan	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	14
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>Increase public awareness as a tool for future planning and prevention measures.</i>
Describing the Action	
Action category	<i>Public Education and Code Revision</i>
Action type	<i>Public Awareness</i>
Action description	<i>Public awareness is a continuing process. The City holds periodic discussions on hazard mitigation plan. The mitigation plan is necessary to advance the goals of the plan to include public participation and education of the mitigation tasks necessary to provide for resiliency and avoid repetitive losses.</i>
Existing, future & / or NA	<i>Relevant to current and future planning.</i>
Evaluating the Action	
(i.e., benefits)	<i>Protecting properties against future losses.</i>
Cost Estimate	<i>\$25,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City promotes public education on the hazard mitigation plan through a mailer that is inserted in the tax bills. Information is included in the City's website on the Emergency Management page, including links to the County website. The City provide information on flood zones to residents who are apply for building permits in the City Construction Office and Engineer's Office. The City's Planning Department also holds monthly meeting with the public to address development and other improvements. Additionally, Emergency Management staff addresses hazard mitigation when they meet with community</i>
Technical	<i>There are no technical issues.</i>
Political	<i>The City has the support of City Council and the various boards that serve the</i>
Legal	<i>No legal issues</i>
Environmental	<i>No environmental issues.</i>
Social	<i>No impact on any segment of the City.</i>
Administrative capability	<i>The City has the administrative personnel on staff to promote public awareness.</i>
Local champion	<i>City Council and residents whose properties have been substantially damaged.</i>
Other community objectives	<i>Increase public awareness.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA grants, city funding.</i>
Time line	<i>Ongoing process.</i>
Reporting on Progress	
Action progress status	<i>The City has completed a Program for Public Information as part of its Community Rating System program. This program resulted in a new, more effective public outreach and education.</i>

ACTION WORKSHEET - Install New Bulkhead Along Sunset Avenue in Chelsea and Ducktown	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	15
Assessing the Risk	
Hazard(s) addressed	<i>Flooding, erosion</i>
Risk Finding	<i>A deteriorated bulkhead is causing flooding on a frequent basis.</i>
Describing the Action	
Action category	<i>Flooding, storm protection</i>
Action type	<i>Installation of new bulkheads</i>
Action description	<i>The Sunset Avenue Bulkhead Improvements will address a deteriorated bulkhead, sea level rise and a naturally low elevation of the area. By installing new bulkheads flooding in this area will be reduced. Additionally, it will stop soil erosion in several areas at Sunset Avenue and the bay.</i>
Existing, future & / or NA	<i>The improvement would project current properties and future development.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect public property from flooding and prevent repetitive losses due to the deteriorated bulkhead</i>
Cost Estimate	<i>\$6,400,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The Sunset Avenue Bulkhead Improvements serves an area from Albany Avenue to Morris Avenue, as well as the streets end of Brighton, Iowa, California, Arizona and Texas Avenues in the Chelsea Neighborhood of Atlantic City. The bulkhead is in an advanced state of decay and it a priority project for the City. The project will protect critical public infrastructure and protect the life and property of those who live in the neighborhood. The Atlantic County Flood Hazard Inventory also shows the area along Brighton, Iowa, California, Arizona and Texas Avenues as critical or severe flood prone areas. This neighborhood has also been impacted by repetitive loss claims due to flooding.</i>
Technical	<i>Technically feasible and in the best interest of protecting city and residential properties.</i>
Political	<i>The City administration and council have come under intense political pressure to address the flooding in this area.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has support of City Council and the residents of the areas adjacent to the Sunset Avenue bulkhead.</i>
Other community objectives	<i>This project will add a level of protection against future flooding due to storms.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Time line	<i>The City is looking to secure funding for this project.</i>
Reporting on Progress	
Action progress status	<i>A Federal Interest Determination by the US Army Corps of Engineers was completed in 2014. The City has secured Superstorm Sandy CDBG-DR funds to replace the bulkhead between Albany Avenue and Atlantis Ave. The bulkhead design has been completed. The City is waiting on a ACOE permit before the project can be bid.</i>

ACTION WORKSHEET - Dry Flood Proofing for City Hall & All Wars Memorial Building	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	16
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>Emergency generators for the City 911 dispatch system are on the first floor of City Hall.</i>
Describing the Action	
Action category	<i>Flood prevention</i>
Action type	<i>Develop a plan for the backup electric and telecommunications systems critical facilities.</i>
Action description	<i>The City is looking to replace current first floor doors with water tight doors, seal or reroute all drainage lines, conduits to prevent water from entering the generator room. Install a permanent pump system set in a sump pit with automatic level controls. The pump will be wired to the emergency generator to provide uninterrupted power. Foundation repairs are also needed.</i>
Existing, future & / or NA	<i>Future improvement to protect City property.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect emergency generators for the City's 911 system from failure due to flooding.</i>
Cost Estimate	<i>\$700,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The installation of planned improvements will insure that Emergency Generators that support the City's 911 Emergency Communications Center remain operational in the event of a storm. Should these generators fail, the City 911 center which support police, fire and all emergency services could be rendered inoperable at its current location. The cost to relocate personnel and equipment could hamper life saving measures in an emergency.</i>
Technical	<i>Technically feasible and in the best interest of protecting public safety.</i>
Political	<i>There are no political impediments to advancing this project.</i>
Legal	<i>There are no legal issues. The City Solicitor's Office would review all contracts</i>
Environmental	<i>There are no environmental issues associated with this project.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's</i>
Administrative capability	<i>The City has current staff available to oversee implementation of the</i>
Local champion	<i>The public safety personnel at the local and state level.</i>
Other community objectives	<i>Increase public safety measure to protect the residents and visitors.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants, Atlantic City</i>
Time line	<i>The City is looking to secure funding for this project.</i>
Reporting on Progress	
Action progress status	<i>Grant funding has been secured for dry proofing of City buildings, design is underway and construction is planned in 2021</i>

ACTION WORKSHEET - Repair Bulkheads and Dredge Gardner's Basin Park	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	17
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk Finding	<i>A deteriorated bulkhead is needs to be replaced and dredging the basin will allow for larger vessels to access the basin.</i>
Describing the Action	
Action category	<i>Flood prevention and dredging.</i>
Action type	<i>Installation of new bulkheads and dredging of Gardner's Basin</i>
Action description	<i>Improvement to the bulkhead will address a deteriorated bulkhead and protect Historical Gardner's Basin nautical park. The dredging of the basin is needed to attract sightseeing and fishing cruises that access the docks.</i>
Existing, future & / or NA	<i>Current improvement to protect City property.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect public property from flooding and prevent repetitive losses due to the deteriorated bulkhead. Dredging the basin is needed to uncover stormwater outflow pipes that are submerged under layers of mud.</i>
Cost Estimate	<i>\$2,000,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>Historic Gardner's Basin is the City's premier non-casino attraction. The Atlantic City Aquarium is located in the basin park, along with stores and restaurants that attract thousands of visitors.</i>
Technical	<i>Technically feasible and in the best interest of protecting public safety.</i>
Political	<i>There are no political impediments to advancing this project.</i>
Legal	<i>There are no legal issues. The City Solicitor's Office would review all contracts and any other documents needed to advance this project.</i>
Environmental	<i>There are no environmental issues associated with this project.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has local and state support for the needed improvements.</i>
Other community objectives	<i>Increase visitor's to the basin.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants, Atlantic City</i>
Time line	<i>The bulkhead construction should be completed in 2021.</i>
Reporting on Progress	
Action progress status	<i>Grant funding has been secured to repair or replace the bulkheads at Gardner's Basin and to dredge the marina. Design is underway and construction is planned in 2021</i>

ACTION WORKSHEET - Installation and Replacement of Check Valves along the Bayfront	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	18
Assessing the Risk	
Hazard(s) addressed	<i>Flooding, erosion</i>
Risk Finding	<i>A deteriorated bulkhead is causing flooding on a frequent basis.</i>
Describing the Action	
Action category	<i>Flooding, storm protection</i>
Action type	<i>Inspection and replacement of check valves.</i>
Action description	<i>The City's system of check valves along the bayfront have not been inspected in many years. The City is looking to inspect and replace damage check valves, which will help with drainage issues in the City.</i>
Existing, future & / or NA	<i>The improvement would project current properties and future development.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Protect public property from flooding and prevent repetitive losses due to deteriorated check valves.</i>
Cost Estimate	<i>\$1,200,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The inspection and replacement of the check values is needed due to increased flooding in back-bay areas where the outflow pipes are located. The City's system of check valves and outflow pipes are antiquated and could be the cause of the increase in flooding.</i>
Technical	<i>Technically feasible and in the best interest of protecting city and residential properties.</i>
Political	<i>The City administration and council have come under intense political pressure to address the flooding in this area.</i>
Legal	<i>All of the improvements that the City has been making have been vetted through our Solicitor's office and legal representatives from the agencies that we have been working with.</i>
Environmental	<i>Any environmental issues will be addressed as part of the contracts that the City enters into.</i>
Social	<i>The improvements do not adversely impact any segment of Atlantic City's population.</i>
Administrative capability	<i>The City has current staff available to administer the programs and where we are deficient, the City will hire consultants to assist us in achieving our goals.</i>
Local champion	<i>The City has support of City Council and the residents of the city that are impacted by the check valves and outflow pipes.</i>
Other community objectives	<i>This project will add a level of protection against future flooding due to storms.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA, Hazard Mitigation Grants</i>
Time line	<i>Work completed in 2021.</i>
Reporting on Progress	
Action progress status	<i>Grant funding has been secure to inspect and replace the check valves along the Bayfront. Design is underway and construction is planned for 2021.</i>

ACTION WORKSHEET - Improve Community Rating System Designation	
Your plan name	<i>Atlantic County Multi-Jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>City of Atlantic City</i>
Community action number	19
Assessing the Risk	
Hazard(s) addressed	<i>All hazards</i>
Risk Finding	<i>Increase public awareness as a tool for future planning and prevention measures.</i>
Describing the Action	
Action category	<i>Public Education and Code Revision</i>
Action type	<i>Public Awareness</i>
Action description	<i>Public awareness activities are vital in providing residents and businesses with ways to address and protect their properties from potential flood damage, including the importance of flood insurance</i>
Existing, future & / or NA	<i>Relevant to current and future planning.</i>
Evaluating the Action	
(i.e., benefits)	<i>Provide public information on efforts to protect their properties</i>
Cost Estimate	<i>\$25,000</i>
Cost effectiveness (i.e., benefit/cost)	<i>The City participates in the CRS program for City property owner so that they receive a discount on their flood insurance. Currently Atlantic City is a Class 6 city under the National Flood Insurance Program. With increased outreach and activities, the City is looking to go to a Class 4 or 5, thereby saving property owners on their flood insurance costs.</i>
Technical	<i>There are no technical issues.</i>
Political	<i>The City has the support of City Council and the various boards that serve the City.</i>
Legal	<i>No legal issues</i>
Environmental	<i>No environmental issues.</i>
Social	<i>No impact on any segment of the City.</i>
Administrative capability	<i>The City has the administrative personnel on staff to promote public awareness.</i>
Local champion	<i>City Council and residents whose properties have been substantially damaged.</i>
Other community objectives	<i>Increase public awareness.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Planning Board, City Council</i>
Responsible party	<i>Business Administrator/Emergency Management Coordinator</i>
Potential funding sources	<i>FEMA grants, city funding.</i>
Time line	<i>Ongoing process.</i>
Reporting on Progress	
Action progress status	<i>The City Council passed Resolution No. 587 on October 16, 2019 adopting the Atlantic City Program for Public Information and Flood Insurance Coverage Assessment.</i>

Additional Information

Worksheet 7 - Future Flood Management Projects, 2021				
	Project Name	Project Status	Amount	Relationship to 2015 Plan
1	Install and maintain inlet grate that keep debris out of the drainage system	New Project	\$ 50,000.00	New action for 2021
2	Install Baltic Avenue Drainage Improvements - Atlantis Pump Station	Current Project	\$ 12,000,000.00	Continued from 2015
3	Install Boardwalk Hall Flood Control - CRDA Funded	Future Project	\$ 4,460,000.00	Continued from 2015
4	Install new bulkheads along Inside Thorofare from Albany to Jackson Avenue	Current Project	\$ 9,000,000.00	Continued from 2015
5	Install new bulkheads, living shorelines, and pump stations in low lying areas	Future Project	\$ 20,000,000.00	Revise from the 2015 plan to include Venice and Bungalow Parks
6	Continue to Update Codes	Ongoing	\$ 25,000.00	Continued from 2015
7	Develop microgrids, backup electric, and telecommunications systems in critical facilities - Private Sector Funded	Future Project	\$ 40,000,000.00	New action for 2021
8	Elevate Albany Avenue between Sunset Avenue and Ventnor Avenue	Future Project	\$ 2,785,000.00	Continued from 2015 WS 10
9	Elevate repetitive loss residential properties - FEMA/Homeowner Funded	Ongoing	\$ 40,000,000.00	Continued from 2015 WS 8
10	Elevate Traffic Signal Control Boxes	Future Project	\$ 2,100,000.00	Continued from 2015 WS 9
11	Install Emergency Communications Systems	Future Project	\$ 300,000.00	Continued from 2015
12	Install ten Emergency Generators at various locations	Future Project	\$ 2,000,000.00	Continued from 2015
13	Maintain the Floodplain Management Plan	Ongoing	\$ 25,000.00	Continued from 2015 WS 13 City established Committies for PPI and Flood Plan Mgmt. in 2021
14	Promote public education about hazards and the mitigation plan	Ongoing	\$ 25,000.00	
15	Install new bulkheads along Sunset Avenue in Chelsea and Ducktown	Current Project	\$ 6,400,000.00	Continued from 2015 - Ducktown bulkhead added for 2021
16	Dry flood Proof City Hall and the All Wars Memorial Building	Current Project	\$ 700,000.00	Continued from 2015 WS 7
17	Repair Bulkheads and Dredge Gardner's Basin Park	Current Project	\$ 2,000,000.00	New project that has some funding.
18	Inspect and Replace Check Valves along the bayfront	Current Project	\$ 1,200,000.00	New project that has some funding.
19	Improve Community Rating System designation	Ongoing	\$ 25,000.00	New action for 2021
		Total	\$ 143,045,000.00	