

**City of Brigantine  
NFIP Community No. 345286**

**Hazard Mitigation Plan  
2022 Annual Evaluation Report  
Prepared By: Rutala Associates**

**October 7, 2022**

**Submitted to City Council:  
October 7, 2022**

Name of Plan: *Atlantic County Multi-Jurisdictional Natural Hazard Mitigation Plan*

Date of Adoption of Plan: Resolution #22-042 dated February 16, 2022.

5-Year CRS Expiration Date. November 2026

**1. How can a copy of the original plan or area analysis report be obtained?**

The County Multi-Jurisdictional Natural Hazard Mitigation Plan can be viewed online at <http://www.atlantic-county.org/hazard-mitigation/>. The City's Flood information website (<https://www.brigantinebeach.org/municipal/departments/city-engineer/flood-information/>) along with the City's Floodplain Management Plan and Repetitive Loss Area Analyses.

**2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:**

The evaluation report was prepared by City staff and its consultants after reviewing City documentation and activities. It was submitted to the governing body and posted on the City's web site on October 7, 2022. The Floodplain Management Committee members include:

Robert Rubino, Insurance Industry  
Jeanine Oleksiak, Brigantine Resident  
Ralph Busco, Brigantine Resident  
Paul Lauriello, Insurance Industry  
Paula Dumas, Banking Industry  
Ron Powell, Brigantine Resident  
Jim Bennett, City Manager  
Richard Stevens, Construction Official  
Lt. William Stroby, OEM  
Lance Landgraf, Planner  
Edward Stinson, CRS Coordinator

The evaluation report was submitted to the governing body and posted on the City's web site on October 7, 2022. The public and media will be aware of the evaluation through the posting of the City Council meeting agenda and the web site posting.

**3. Provide a review of each recommendation or action item in the action plan or area analysis report, including a statement on how much was accomplished during the previous year:**

1. *Review of comprehensive natural disaster plans and resiliency techniques.*
2. *Acquisition of areas that can be targeted for Blue Acres Acquisition primarily on Brigantine Avenue, Harbor Beach Boulevard and East Evans Avenue.*
3. *Continue to revise local codes that needed to be adjusted to mitigate potential damages and loss of life.* Brigantine completed a Floodplain Management Plan in 2019. The City updated its Flood Damage Prevention ordinance in 2018 and anticipates updating its stormwater ordinance in response to its Watershed Master Plan in 2019.
4. *Emergency Generator Installation-City Hall, South End Sewer Lift Station, Jenkins Parkway Sewer, Harbor Beach Boulevard Stormwater Lift Station, Public Works SCADA Control Center, 12 t h Street Stormwater Pumping Station.*
5. *Inspect all check valves and replace/repair as needed.*
6. *Utilize existing "reverse 911", Nixle service, social media accounts, local emergency AM radio system. Ensure local websites are up to date and information linked to AC Install City-Wide Warning System/Implement IPAWS notifications using cell towers. Install remotely actuated road flood barrier warning system.* Brigantine's Office of Emergency Management continues to utilize Nixle and various methods of public outreach to inform the public of flooding conditions and provide emergency information.
7. *Continue to work towards a lower CRS rating to reduce flood insurance cost for City property owners.* The City is waiting for a FEMA visit which is the last step in lowering the CRS rating.
8. *Close bulkhead gaps; Elevate bulkheads (Public and Private) Poinsettia Way, Lilac Way, Golf Course, Pepper Cove, 13th Street North to 14th Street North, Bayside Gabion, 9th Street North to 5th Street North – Oceanside.*
9. *Continue the apply for FEMA Funding to elevate homes.* The City applies for FEMA Flood Mitigation Assistance Grants annually on behalf of its homeowners.
10. *Support floodproofing for commercial buildings in the Business District.*
11. *Install and maintain inlet grate, debris collectors, and outlet structures.*
12. *Maintain golf course drainage area.*
13. *Install City wide warning system and implement IPAWS notifications using cell towers.*
14. *Elevate evacuation routes.*
15. *Elevate selected roads with drainage improvements - Brigantine Boulevard by Edgewater; Harbor Beach Boulevard; Sarazen Boulevard; Evans Boulevard; Lafayette Boulevard.*

16. *Extend North End Seawall by 275 feet northward and to Bayside; Create vehicle crossover; implement beachfill from 15th Street North to 4 WD entrance.*
17. *Continue back passing operation for beach replenishment - North End.*
18. *Complete drainage improvements and inlet installation (for example 32nd - 40th Street South).*
19. *Install flood wall at City dock (2519-2601 Bayshore Avenue).*
20. *Road Elevation/Berm Transformation - identify and construct streets that can also function as berms or floodwalls.*
21. *Require real estate disclosure of flood hazards.*
22. *Integrated flood hazard/sea level mapping.*

**4. Discuss why any objectives were not reached or why implementation is behind schedule.**

All objectives have been implemented on schedule. Brigantine has made remarkable progress in planning and implementing mitigation projects since Superstorm Sandy. The City has aggressively pursued protection projects. The City's Watershed Master Plan and Floodplain Management Plan have been completed and the City is in the process of improving its CRS rating to a Class 3.

**5. What are the recommendations for new projects or revised recommendations?**

1. Continue to work with the US Army Corps of Engineers to develop recommendations for the *New Jersey Back Bays Coastal Storm Risk Management Study*. As the project progresses, Atlantic City will adjust its mitigation activities considering more comprehensive and detailed risk data.
2. Continue to participate in the Resiliency NJ Program being sponsored by the State of New Jersey. This Atlantic County regional effort has identified and implement solutions to coastal flooding through a comprehensive planning process, and it working to implement many of these strategies.
3. Continue the stabilization of erosion and flood-prone portions of the City through the use of bulkheads, living shorelines, and similar structures.
4. Support the elevation and resilience of private structures through grants and technical assistance. Support floodproofing for commercial buildings in the Business District.
5. Implement the recommendations to be set forth in the Floodplain Management Plan and Repetitive Loss Area Analyses.
6. Support the elevation of bayfront bulkheads throughout the island to provide a higher level of flood protection.