



6.0 MITIGATION STRATEGY

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6.1 OVERVIEW

The Mitigation Strategy outlined in Section 6.0 of this plan is Monmouth County's blueprint for reducing potential future losses from hazards. The Mitigation Strategy provides information to guide county and municipal decision making regarding the protection of critical facilities and local hazard mitigation planning. The Mitigation Strategy consists of:

- The State and County Hazard Mitigation Goals that help guide the selection of activities that will mitigate identified hazards and reduce future losses;
- Strategies lead to the identification, evaluation, and prioritization of mitigation actions; and
- Summary of the Monmouth County Hazard Mitigation Actions.

The steps involved in developing a mitigation strategy were first introduced at the February 20th Kickoff Meeting and discussed in depth at each municipal meeting conducted between April – July 2019. During these meetings, the Project Team and the municipality discussed potential future risks affecting their community and developed specific mitigation actions to address those risks in the form of Mitigation Action Worksheets. This section describes the strategy in developing County and municipal mitigation actions.

6.2 HAZARD MITIGATION PLAN GOALS

6.2.1 STATE HMP GOALS

As outlined in the State HMP (2019), the State's goals are:

1. Protect life
2. Protect property
3. Increase public preparedness and awareness
4. Develop and maintain and understanding of risks from hazards
5. Enhance local mitigation capabilities to reduce hazard vulnerabilities
6. Support continuity of operations pre-, during, and post- hazard events

In addition to the plan goals, the 2019 plan update included a State Mitigation Strategy or specific actions to reduce the number of Repetitive Loss (RL) properties and Severe Repetitive Loss (SRL) properties throughout New Jersey. Some of the State Mitigation Strategy objectives include local jurisdictions with SRL properties take actions to reduce the number of these properties and to prioritize project grants for communities that have RL and SRL properties. Funding to mitigate Severe Repetitive Loss properties that are substantially damaged is the State's highest priority.

6.2.2 MONMOUTH COUNTY HMP GOALS

As part of this plan update, Monmouth County revised the 2015 HMP Goals and more closely aligned their goals to the State's goals. Below is a crosswalk table of the goals from the 2015 plan and this plan update. The value of the Hazard Mitigation Goals in the overall mitigation strategy is that every mitigation action identified by the County or its municipalities must align with one of the eight goals below.

Table 6.2 - 1 Monmouth County HMP Goals Crosswalk

Monmouth County's 2015 HMP Goals		Monmouth County's 2020 HMP Goals	
1	Promote disaster-resistant development.	1	Protect life.
2	Build and support local capacity to enable the public to prepare for, respond to, and recover from disasters.	2	Protect property and reduce economic impacts.
3	Reduce the possibility of damage and losses due to drought.	3	Increase public preparedness, awareness, and resiliency.
4	Reduce the possibility of damage and losses due to flooding associated with coastal and inland floods, hurricanes, and nor'easters.	4	Develop, maintain, and monitor an understanding of risks from hazards.
5	Reduce the possibility of damage and losses due to earthquakes.	5	Enhance local resilience and mitigation capabilities to reduce hazard vulnerabilities.
6	Reduce the possibility of damage and losses due to lightning strikes.	6	Promote hazard resilient development and protection of natural resources from natural- and human-based hazards.
7	Reduce the possibility of damage and losses due to coastal erosion and wave action.	7	Support continuity of operations pre-, during, and post- hazard events.
8	Reduce the possibility of damage and losses due to dam failure.	8	Support enhancement of Community Rating System (CRS) program.
9	Reduce the possibility of damage and losses due to landslides.	9	Reduce the possibility of damage and losses due to High Hazard Potential dam failure.
10	Reduce the possibility of damage and losses due to wildfires.		
11	Reduce the possibility of damage and losses due to winter storms.		
12	Reduce the possibility of damage and losses due to extreme temperatures.		
13	Reduce the possibility of damage and losses due to high winds associated with tornados, windstorms, tropical storms, hurricanes, and nor'easters.		
14	Reduce the possibility of damages to emergency and critical facilities from damage due to flooding, storm surge, wildfires, and extreme winds.		
15	Promote disaster-resistance by incorporating mitigation actions into other planning mechanisms.		



6.3 MITIGATION STRATEGIES

6.3.1 OVERVIEW

As part of the Monmouth County HMP update, each participating jurisdiction created their own mitigation strategy by identifying and analyzing a comprehensive range of specific mitigation actions unique to their community and based on their vulnerabilities and capabilities. Mitigation actions are specific actions, projects, activities, or processes taken to reduce or eliminate long-term risk to people and property from both human and natural hazards and their impacts. Implementing mitigation actions helps achieve the plan's goals and must align with one of the eight Monmouth County HMP Goals.

For the purpose of this mitigation strategy, the County is broken up into four regions: Bayshore, Central Monmouth South Monmouth, and Western Monmouth. Each municipality's top risk reduction mitigation action is mapped by region to display potential projects that adjacent municipalities, the County, adjacent counties, the State, or regional stakeholders could collaborate on to mitigate a regional hazard. The regional maps are located in the Appendix Vol. I – Jurisdictional Information. The municipalities that comprise of each region are listed below and mapped in **Figure 6.3 - 1 Monmouth County Regions Map**.

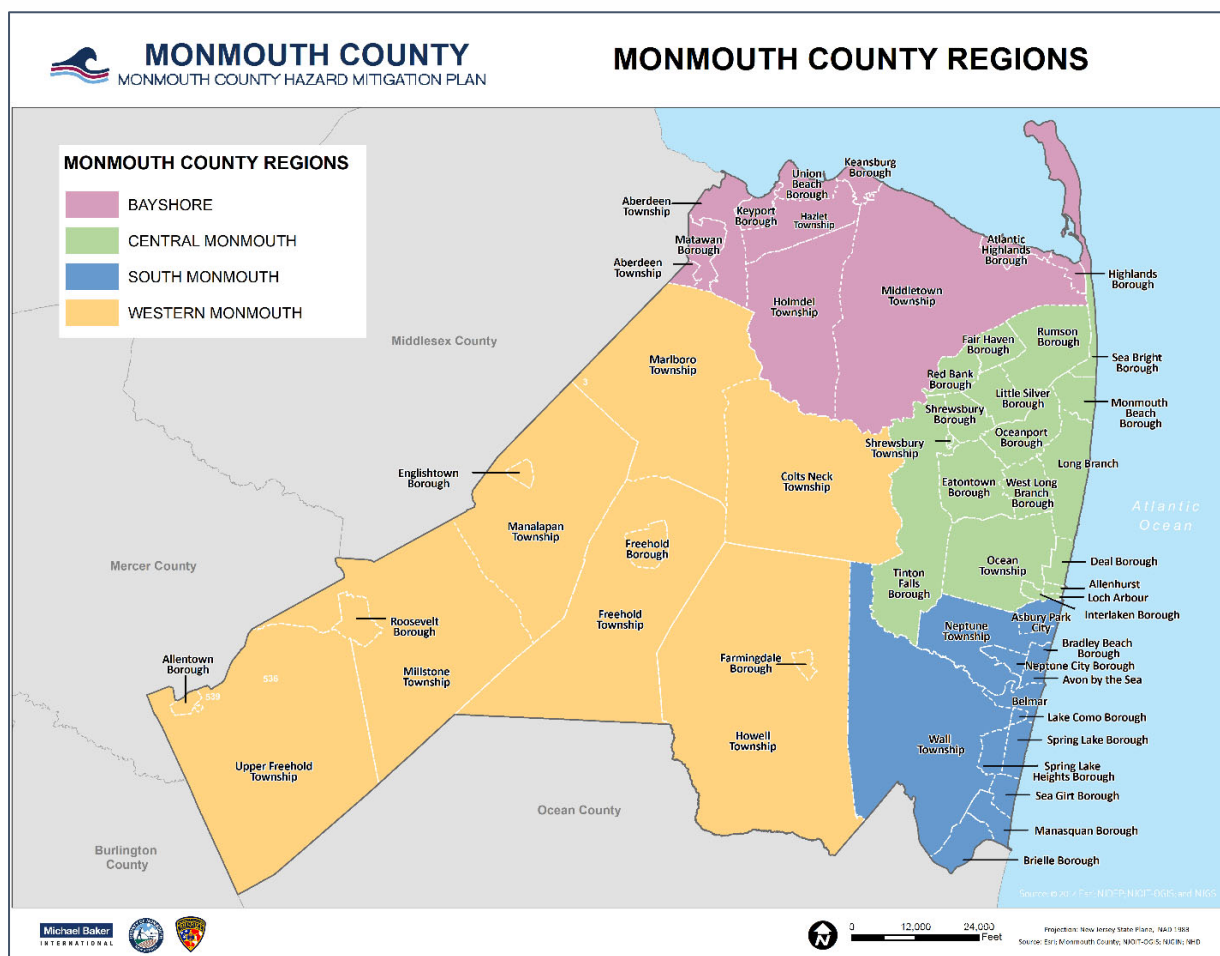
Bayshore: Holmdel Township, Matawan Borough, Keyport Borough, Middletown Township, Hazlet Township, Keansburg Borough, Union Beach Borough, Aberdeen Township, Highlands Borough, and Atlantic Highlands Borough;

Central Monmouth: Allenhurst Borough, Interlaken Borough, Deal Borough, Ocean Township, West Long Branch Borough, Eatontown Borough, Long Branch City, Shrewsbury Township, Tinton Falls Borough, Shrewsbury Borough, Oceanport Borough, Monmouth Beach Borough, Little Silver Borough, Fair Haven Borough, Red Bank Borough, Rumson Borough, Sea Bright Borough, and Village of Loch Arbour;

South Monmouth: Brielle Borough, Sea Girt Borough, Spring Lake Heights Borough, Spring Lake Borough, Lake Como Borough, Belmar Borough, Avon-by-the-Sea Borough, Neptune City Borough, Asbury Park City, Bradley Beach Borough, Wall Township, Manasquan Borough, and Neptune Township;

Western Monmouth: Allentown Borough, Farmingdale Borough, Upper Freehold Township, Howell Township, Roosevelt Borough, Freehold Borough, Millstone Township, Freehold Township, Englishtown Borough, Manalapan Township, Colts Neck Township, and Marlboro Township.

Figure 6.3 - 1 Monmouth County Regions



As required by FEMA, Monmouth County and its 53 municipalities completed an evaluation of the mitigation strategies and actions from the 2015 plan and reported on the status of each, either as ongoing, completed, or withdrawn. In addition, the Planning Team worked with each Monmouth municipality to brainstorm potential new mitigation actions for inclusion in the HMP. Explanations of progress descriptions are listed below:

- New Mitigation Action: new actions identified for this plan update.
- Ongoing Mitigation Action: actions carried forward from the 2009 and/or 2015 plan into this plan update. Jurisdictions modified and expanded the action to promote implementation.
- Completed Mitigation Action: actions that were completed between 2015 and 2020 and now a capability.
- Withdrawn Mitigation Actions: mitigation actions found to be impractical, unfeasible, or undesirable. Jurisdictions provided a description as to why the action was withdrawn in the "Notes" section on the Mitigation Action Worksheets.

For this HMP update, Monmouth County and its municipalities have 282 New Mitigation Actions, 273 Ongoing Mitigation Actions, 85 Completed Mitigation Actions, and 11 Withdrawn Mitigation Actions, totaling 651 Mitigation Actions (as of 08-07-20).

New to this plan is the integration of the State Mitigation Strategy, which requires jurisdictions with RL and SRL properties to reduce the number of those properties. Each municipality that has RL and/or SRL properties must have a mitigation action that describes how they will mitigate the properties. During the municipal meetings, the Project Team discussed which properties are RL or SRL with local officials, along with the status of those properties and ideas on how to mitigate the RL and/or SRL properties. Since RL/SRL data is sensitive information and not available to the public, only the State and the County have access to the RL/SRL data.

282	New Mitigation Actions
273	Ongoing Mitigation Actions
85	Completed Mitigation Actions
11	<u>Withdrawn Mitigation Actions</u>
651	Total Mitigation Actions



Community Action # 30-16: Road Elevation in Manasquan, NJ. Photo Courtesy of Borough of Manasquan



Community Action #42_4: HMGP-funded flood-proofed doors at Rumson's DPW building, which experienced 4 feet of water during Superstorm Sandy. Photo courtesy of Borough of Rumson.

6.3.2 MITIGATION ACTION WORKSHEETS

Every mitigation action, regardless of their status, must have a Mitigation Action Worksheet to be part of a HMP. The action worksheets document each jurisdiction's analysis of actions considered to reduce the impacts of hazards identified in the risk assessment. The Mitigation Action Worksheets follow recent FEMA guidance on how an action is evaluated and implemented for future funding. For example, FEMA would like to know the category, evaluation, and priority of each action. Mitigation actions that substantially reduce risk or eliminate an identified hazard area are ranked with the highest priority and are listed first in the table below. **Table 6.3 - 1 Mitigation Action Worksheet Evaluation** explains the evaluation local officials considered when developing their mitigation action worksheets. Refer to Appendices V. I- Jurisdictional Information to see the completed Mitigation Action Worksheets for each action, sorted by municipality.

Table 6.3 - 1 Mitigation Action Worksheet Evaluation

Describing the Action	
Action Name:	- What is the name of the mitigation action?
Action Category:	- Does this action reduce risk, improve functional use, provide ongoing maintenance/related to response or recovery, or administrative in nature? The four categories are Mitigation - Risk Reduction, Mitigation - Improving Functions, Maintenance/Response/Recovery, and Administrative.
Action Type:	- What is the category of action (Local Plans & Regulations, Structure & Infrastructure Projects, Natural Systems Protection, or Education & Awareness Programs)

HMA Eligible Activity:	- Which FEMA HMA activity does this action fall under (if applicable)
Action Description	- What does this action entail?
Evaluating the Action	
Hazard (s) Addressed:	- What hazard's risk is reduced or eliminated due to this action?
Goals:	- Which of the Monmouth County HMP Goals does this action satisfy?
Risk Reduction:	- What is the risk that is reduced or eliminated?
Technical:	- Is the mitigation action technically feasible?
Political:	- Is there overall public support for the mitigation action? - Is there the political will to support it?
Legal:	- Does the community have the authority to implement the action?
Environmental:	- What are the potential environmental impacts of the action? - Will it comply with environmental regulations?
Social:	- Will the proposed action affect one segment of the population? - Will it disrupt established neighborhoods, break up voting districts or cause the relocation of lower income people?
Administrative Capability:	- Does the community have the personnel and administrative capabilities to implement the action and maintain it or will outside help be necessary?
Local Champion:	- Is there a strong advocate for the action among local departments and agencies that will support its implementation?
Other Community Objectives:	- Does the action further other community objectives, such as capital improvements, economic development, environmental quality, or open space preservation?
STAPLEE Evaluation:	- How does this action compare to the State HMP's 14-point social, technical, administrative, political, legal, economic, and environmental (STAPLEE) criteria (which is used for project evaluation and prioritization)
Implementing the Action	
Cost Estimate:	- How much do you estimate it will cost to implement the action?
Priority:	- How important is this action (high, medium, or low priority)? This prioritization is based on the HMA Eligible Activity category. Following Federal guidance, actions that reduce risk are the highest priority, followed by actions that improve functional use. Actions that are related to Maintenance/Response/Recovery or administrative are lower on the list of priority. High priority means the action is necessary and ready to start. Medium priority means the action will occur when funds become available. Low priority means the action is on the municipality's wish list.



Scale of Ease of Implementation:	<ul style="list-style-type: none"> - How easy is this action able to be implemented (high, medium, low)? - Can you rely on stakeholders to accomplish this action? - Is there funding available to implement this action quickly? - "Low" scale of ease of implementation means the action is easier to implement than an action of "medium" or "high" scale.
Local Planning Mechanism:	- What current plans support this action?
Responsible Party:	- Who is responsible for overseeing and implementing this action?
Likely Funding Sources:	- What are the likely funding sources available to complete this action?
Timeline:	- What is the timeline for this action (1 year, 2 years, 3 years, 4 years, or 5 + years)?
Action Status:	- What is the status of this action (new, ongoing, completed, or withdrawn)?
Notes:	<ul style="list-style-type: none"> - List any details about the mitigation action here, including if the action has received any previous funding (e.g. FEMA 404 or 406 funding). - If the action is ongoing, explain why and what has been done since the last plan - If the action is withdrawn, explain why it is withdrawn.

6.4 HAZARD MITIGATION ACTION SUMMARY

Altogether, Monmouth County and its 53 municipalities have 651 mitigation actions. **Table 6.4 - 1 Mitigation Actions by Jurisdiction** summaries each mitigation action by jurisdiction, listing the action number, name, status, category (Mitigation-Risk Reduction, Mitigation-Improving Functions, Maintenance/Response/Recovery, and Administrative), and priority. For the comprehensive worksheet (**Table 6.3 – 1 Mitigation Action Worksheet Evaluation**) for each mitigation action, refer to Appendices Vol. I – Jurisdictional Information.

Table 6.4 - 1 Mitigation Actions by Jurisdiction (updated 08-07-20)

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Aberdeen, Township of	01_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Aberdeen, Township of	01_10	Conduct Creek Restoration at Whale Creek and Beach Stabilization at Clifford Beach	New	Mitigation - Risk Reduction	High
Aberdeen, Township of	01_11	Conduct Wetland Restoration at Happy Meadows	New	Mitigation - Risk Reduction	High
Aberdeen, Township of	01_07	Prepare an Engineering Study for Nuisance Flooded Roads	New	Administrative	Medium
Aberdeen, Township of	01_08	Prepare an Engineering Study for Beach Erosion	New	Administrative	Low
Aberdeen, Township of	01_09	Install Surveillance Cameras along the Sea Wall	New	Maintenance / Response / Recovery	Low

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Aberdeen, Township of	01_01	Create a Hazard Mitigation Outreach Program	Completed		
Aberdeen, Township of	01_02	Drainage Improvement/Elevation on Flood-prone Roadways	Completed		
Aberdeen, Township of	01_04	Elevate Pumping Stations Above Current BFE or Waterproof Stations	Completed		
Aberdeen, Township of	01_05	Repair Recreation Facilities and Sidewalks Near Seawall	Completed		
Aberdeen, Township of	01_06	Improve Communications and Create a Community Shelter for Extreme Temperatures	Completed		
Allenhurst, Borough of	02_01	Remove Beach Structures and Convert to Open Space, as detailed in the Storm Annex in OEM Basic Plan	Ongoing	Mitigation - Risk Reduction	High
Allenhurst, Borough of	02_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Allenhurst, Borough of	02_07	Structurally Retrofit Critical Facilities	New	Mitigation - Risk Reduction	High
Allenhurst, Borough of	02_05	Structurally Retrofit Existing Communication Tower on Municipal Building to Support Emergency Response	Ongoing	Mitigation - Improving Functions	Medium
Allenhurst, Borough of	02_02	Purchase Jet/Vacuum Debris Truck and/or coordinate with County DPW to use their Equipment	Ongoing	Maintenance / Response / Recovery	Low
Allenhurst, Borough of	02_03	Build a New Building Structure for OEM Equipment	Ongoing	Maintenance / Response / Recovery	Low
Allenhurst, Borough of	02_04	Purchase and Install Natural Gas Emergency Generators	Ongoing	Maintenance / Response / Recovery	Low
Allenhurst, Borough of	02_08	Create a Temporary Shelter and Warning Center	New	Maintenance / Response / Recovery	Low
Allentown, Borough of	03_04	Build a Flood Wall around the Wastewater Treatment Plant	New	Mitigation - Risk Reduction	High
Allentown, Borough of	03_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Allentown, Borough of	03_07	Repair, Remove, or Rehabilitate the Allentown Dam	New	Mitigation - Risk Reduction	High
Allentown, Borough of	03_05	Replace the Outfall Pipe and Storm Pipe on Probasco Drive	New	Mitigation - Improving Functions	Medium



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Allentown, Borough of	03_01	Improve Drainage of Conine's Millpond Dam	Ongoing	Maintenance / Response / Recovery	Low
Allentown, Borough of	03_02	Improve Drainage of Sewer System on County Roads	Ongoing	Maintenance / Response / Recovery	Low
Allentown, Borough of	03_03	Dredge Mill Pond to Alleviate Erosion and Provide Retention Solution	New	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_03	Install Larger Outfall Pipes and an Automatic Dredge Flume to Mitigate Flooding at Wesley Lake	Ongoing	Mitigation - Risk Reduction	High
Asbury Park, City of	04_04	Elevate Residential Structures at Risk to Flooding, including any Repetitive Loss or Severe Repetitive Loss Properties	Ongoing	Mitigation - Risk Reduction	High
Asbury Park, City of	04_05	Dredge Deal Lake, Construct Automatic Tide Gate, and Expand Capacity of Boat Ramp to Mitigate Flooding Around Deal Lake	Ongoing	Mitigation - Risk Reduction	High
Asbury Park, City of	04_12	Floodproof DPW & Sewer Treatment Plant	New	Mitigation - Risk Reduction	High
Asbury Park, City of	04_15	Acquire properties in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Asbury Park, City of	04_02	Clean and Upgrade Outfall Pipes to Remove Sediment and Increase Stormwater Capabilities at Sunset Lake	Ongoing	Maintenance / Response / Recovery	Medium
Asbury Park, City of	04_06	Reconstruct Stormwater Lines to Mitigate Flooding in the City	Ongoing	Mitigation - Improving Functions	Medium
Asbury Park, City of	04_01	Replace and Upgrade Generators at Critical Facilities	Ongoing	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_07	Relocate Fire House/EMT Services and Add Security Measures	New	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_08	Initiate Quarterly Inspect Sewer Pipes	New	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_09	Install Temporary Signals and Generators for Traffic Lights for Emergency Evacuation Routes	New	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_10	Purchase and Install Generator for Radio Dispatcher System	Completed	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_11	Increase Security in Public Spaces, especially the Boardwalk, the CBD, and the Train Station	New	Maintenance / Response / Recovery	Low
Asbury Park, City of	04_13	Purchase Portable Light Towers	New	Maintenance / Response / Recovery	Low

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Asbury Park, City of	04_14	Purchase and Install Generator and Provide ADA Access for the Asbury Park Library (Emergency Shelter)	New	Maintenance / Response / Recovery	Low
Atlantic Highlands, Borough of	05_01	Construct Proper Drainage Infrastructure to Eliminate High Velocity Overland Flows that Cause Slope Failure	Ongoing	Mitigation - Risk Reduction	High
Atlantic Highlands, Borough of	05_03	Provide Slope Stabilization along Bayside Dr. and Shoreline Protection along the Henry Hudson Trail	Ongoing	Mitigation - Risk Reduction	High
Atlantic Highlands, Borough of	05_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Atlantic Highlands, Borough of	05_07	Floodproof First Avenue Sewer Pump Station	Ongoing	Mitigation - Risk Reduction	High
Atlantic Highlands, Borough of	05_09	Extend the Existing Breakwall in the Raritan Bay to Protect the Marina	New	Mitigation - Risk Reduction	High
Atlantic Highlands, Borough of	05_06	Purchase and Install Portable 100 KW Diesel Generator at Atlantic Highlands Harbor Utility	Ongoing	Maintenance / Response / Recovery	Low
Atlantic Highlands, Borough of	05_08	Restore the Many Mind Creek Stream Corridor	New	Maintenance / Response / Recovery	Low
Atlantic Highlands, Borough of	05_02	Improve Infrastructure Flood Risk Reduction	Withdrawn		
Atlantic Highlands, Borough of	05_05	Purchase and Install a Natural Gas Generator for Atlantic Highlands Water & Sewer Utility	Completed	Maintenance / Response / Recovery	
Avon-by-the-Sea, Borough of	06_05	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Avon-by-the-Sea, Borough of	06_06	Construct a Tide Valve for Sylvan Lake	New	Mitigation - Risk Reduction	High
Avon-by-the-Sea, Borough of	06_08	Construct Backflow Preventors along Shark River and Rebuild Stormwater Infrastructure	New	Mitigation - Risk Reduction	High
Avon-by-the-Sea, Borough of	06_07	Fortify Sewer Pump Station to Provide for Continuity of Operations During Storm Events	New	Mitigation - Improving Functions	Medium
Avon-by-the-Sea, Borough of	06_03	Dredge Sylvan Lake and Remove Sediment	Ongoing	Maintenance / Response / Recovery	Low
Avon-by-the-Sea, Borough of	06_09	Upgrade Surveillance Systems at Critical Facilities	New	Maintenance / Response / Recovery	Low



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Avon-by-the-Sea, Borough of	06_01	Increase Hazard Education and Risk Awareness	Completed		
Avon-by-the-Sea, Borough of	06_02	Protect Municipal Structures and Infrastructure	Completed		
Avon-by-the-Sea, Borough of	06_04	Increase Number of Staff to Manage Floodplain Development	Completed		
Belmar, Borough of	07_03	Replace and Elevate Bulkhead at L Street Beach and Maclearie Park	Ongoing	Mitigation - Risk Reduction	High
Belmar, Borough of	07_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Belmar, Borough of	07_05	Install a Steel Sheet Pile along the Beach	Ongoing	Mitigation - Risk Reduction	High
Belmar, Borough of	07_06	Consolidate and Relocate Emergency Services Outside of SFHA	New	Mitigation - Improving Functions	Medium
Belmar, Borough of	07_07	Purchase and Install Transfer Switches for Generators	New	Maintenance / Response / Recovery	Low
Belmar, Borough of	07_08	Purchase and Install a Generator for Police Station to Provide Continuity of Operations During a Storm	New	Maintenance / Response / Recovery	Low
Belmar, Borough of	07_01	Lake Como Flooding Mitigation	Completed		
Belmar, Borough of	07_02	Silver Lake Flooding Mitigation	Completed		
Bradley Beach, Borough of	08_03	Install New Outfall Pipes and Bulkhead at Sylvan Lake	Ongoing	Mitigation - Risk Reduction	High
Bradley Beach, Borough of	08_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Bradley Beach, Borough of	08_05	Improve the Borough's Communication and Notification System	Ongoing	Maintenance / Response / Recovery	Low
Bradley Beach, Borough of	08_07	Strengthen Training of Emergency Response for Police, Fire, and First Aid	Ongoing	Administrative	Low
Bradley Beach, Borough of	08_08	Dredge Sylvan Lake	New	Maintenance / Response / Recovery	Low
Bradley Beach, Borough of	08_09	Purchase and Install Generators for Critical Facilities and Shelters	New	Maintenance / Response / Recovery	Low
Bradley Beach, Borough of	08_10	Target Harden the Municipal Building and Boardwalk with Surveillance Cameras	New	Maintenance / Response / Recovery	Low

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Bradley Beach, Borough of	08_11	Clean and Repair Outfall Pipe along Lareine Ave. which leads to Repetitive Flooding for Nearby Properties	New	Maintenance / Response / Recovery	Low
Bradley Beach, Borough of	08_01	Sand Dune/Berm Construction	Completed		
Bradley Beach, Borough of	08_02	Fletcher Lake Drainage System Improvements and Structural Control Techniques	Completed		
Bradley Beach, Borough of	08_04	Floodproof Sewer Pump Station	Completed		
Brielle, Borough of	09_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Brielle, Borough of	09_02	Restore Bulkheads Along the Manasquan River	Ongoing	Mitigation - Risk Reduction	High
Brielle, Borough of	09_03	Fortify Six Pump Stations to Provide Continuity of Operations during a Storm Event	New	Mitigation - Risk Reduction	High
Brielle, Borough of	09_04	Purchase and Install New Generator for School (Shelter)	New	Maintenance / Response / Recovery	Low
Brielle, Borough of	09_05	Acquire Current Flood-prone Property for a New Dock to House Police Rescue Boat	New	Mitigation - Risk Reduction	Low
Colts Neck, Township of	10_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Colts Neck, Township of	10_03	Protect Community Center from Wind and Flood Events, and Purchase and Install Generators	Ongoing	Mitigation - Risk Reduction	High
Colts Neck, Township of	10_06	Develop a Safety and Public Health Outreach Program	Ongoing	Administrative	High
Colts Neck, Township of	10_08	Repair, Remove, or Rehabilitate the Swimming River Reservoir Dam	New	Mitigation - Risk Reduction	High
Colts Neck, Township of	10_01	Create the Ability to Drill New Water Wells at Public Buildings to Maintain Operational Wells During a Power Outage or Drought	Ongoing	Mitigation - Improving Functions	Medium
Colts Neck, Township of	10_07	Increase Cyber Security for the Township	New	Maintenance / Response / Recovery	Medium
Colts Neck, Township of	10_04	Develop a Tree Trimming Program	Ongoing	Maintenance / Response / Recovery	Low
Colts Neck, Township of	10_05	Establish More Community Shelters to Provide Shelter and Water during Storms	Completed	Maintenance / Response / Recovery	
Deal, Borough of	11_03	Acquire, elevate, or relocate buildings and infrastructure in flood	Ongoing	Mitigation - Risk Reduction	High



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
		prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties			
Deal, Borough of	11_01	Widen Outfall Pipes to Mitigate Flooding at Norwood Ave & Alymar Ave	Ongoing	Mitigation - Improving Functions	Medium
Deal, Borough of	11_02	Build Seawall Around Sewerage Facility	Completed		
Eatontown, Borough of	12_01	Dredge and Clean Husky Brook	Ongoing	Maintenance / Response / Recovery	High
Eatontown, Borough of	12_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Eatontown, Borough of	12_06	Develop a Power Failure Plan	New	Administrative	High
Eatontown, Borough of	12_04	Clean and De-snag the Wampum Brook	New	Maintenance / Response / Recovery	Medium
Eatontown, Borough of	12_05	Relocate or Floodproof (with Floodgate) DPW Building	New	Mitigation - Risk Reduction	Medium
Eatontown, Borough of	12_02	Purchase and Install Backup Generators for Emergency Shelters	Ongoing	Maintenance / Response / Recovery	Low
Englishtown, Borough of	13_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Englishtown, Borough of	13_04	Repair Dam and Bulkhead at Lake Weamaconk	New	Mitigation - Risk Reduction	High
Englishtown, Borough of	13_05	Dredge Lake Weamaconk	New	Maintenance / Response / Recovery	High
Englishtown, Borough of	13_06	Increase Security at Borough Hall and the Water Treatment Plant	New	Maintenance / Response / Recovery	High
Englishtown, Borough of	13_01	Clean and De-snag Weamaconk Creek and McGellairds Brook	Ongoing	Maintenance / Response / Recovery	Medium
Englishtown, Borough of	13_07	Implement a Reverse 911 System	New	Maintenance / Response / Recovery	Medium
Englishtown, Borough of	13_02	Purchase and Install Emergency Generators and ATS for Water Wells, Treatment Facilities, and DPW Garage	Completed		
Fair Haven, Borough of	14_04	Acquire Two Flood-prone Properties and Convert to Open Space	Ongoing	Mitigation - Risk Reduction	High
Fair Haven, Borough of	14_05	Repair or Enlarge Outfall Pipes along the Navesink River	New	Administrative	High
Fair Haven, Borough of	14_07	Acquire, elevate, or relocate buildings and infrastructure in flood	New	Mitigation - Risk Reduction	High

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
		prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties			
Fair Haven, Borough of	14_08	Construct Flood Measure (e.g. floodwalls or berms) along Fourth Creek	New	Mitigation - Risk Reduction	High
Fair Haven, Borough of	14_06	Rebuild the DPW Building and Upgrade Fuel Pumps for Continuity of Operations	New	Maintenance / Response / Recovery	Medium
Fair Haven, Borough of	14_01	Remove Overhead Transmission Lines and Place Underground	Ongoing	Mitigation - Improving Functions	Low
Fair Haven, Borough of	14_02	Remove or Trim Trees Near Power Transmission Lines	Ongoing	Maintenance / Response / Recovery	Low
Fair Haven, Borough of	14_09	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Fair Haven, Borough of	14_03	Purchase and Install a Natural Gas Generator Borough Hall/DPW Building	Completed		
Farmingdale, Borough of	15_08	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Farmingdale, Borough of	15_01	Increase Hazard Education and Risk Awareness	Ongoing	Maintenance / Response / Recovery	Medium
Farmingdale, Borough of	15_02	Protect Critical Facilities from Wind Damage and Flooding	Ongoing	Mitigation - Risk Reduction	Medium
Farmingdale, Borough of	15_05	Purchase and Install a Generator for School (Shelter)	Ongoing	Maintenance / Response / Recovery	Medium
Farmingdale, Borough of	15_06	Purchase and Install Generator for Borough Wells	Ongoing	Mitigation - Improving Functions	Medium
Farmingdale, Borough of	15_07	Purchase and Install Generator for Borough Hall	New	Maintenance / Response / Recovery	Medium
Farmingdale, Borough of	15_03	Elevate Structures	Withdrawn		
Farmingdale, Borough of	15_04	Protect Critical Facilities (Communication)	Withdrawn		
Freehold, Borough of	16_10	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Freehold, Borough of	16_03	Improve Emergency Notification System	Ongoing	Maintenance / Response / Recovery	Medium
Freehold, Borough of	16_06	Install Surveillance Cameras at Water Plant	New	Maintenance / Response / Recovery	Medium



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Freehold, Borough of	16_07	Purchase and Install Backup Generators for Lights at High-volume Intersections	New	Maintenance / Response / Recovery	Medium
Freehold, Borough of	16_08	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, Security Personnel, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Freehold, Borough of	16_09	Mitigate Flooding at Veterans Park and Liberty Street Park Through New Pipelines	New	Mitigation - Improving Functions	Medium
Freehold, Borough of	16_04	Continue Tree Maintenance to Reduce Risk of Power Outages and Property/Human Harm	Ongoing	Maintenance / Response / Recovery	Low
Freehold, Borough of	16_05	Purchase and Install Generator for The Continental at Freehold	New	Maintenance / Response / Recovery	Low
Freehold, Borough of	16_01	Update Generator for Firehouse Emergency Operations Center (EOC)	Completed		
Freehold, Borough of	16_02	Upgrade Generator for Shelter	Completed		
Freehold, Township of	17_02	Reconstruct Culvert on Plymouth Drive	Ongoing	Mitigation - Improving Functions	High
Freehold, Township of	17_03	Reconstruct Culvert on Hampton Drive	Ongoing	Mitigation - Improving Functions	High
Freehold, Township of	17_04	Reconstruct Culvert on Medford Boulevard	Ongoing	Mitigation - Improving Functions	High
Freehold, Township of	17_09	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Freehold, Township of	17_10	Purchase and Install a Generator for Traffic Lights along the Route 9 and Route 537 Corridors	New	Maintenance / Response / Recovery	High
Freehold, Township of	17_14	Repair, Remove, or Rehabilitate the Lake Topanemus Dam	New	Mitigation - Risk Reduction	High
Freehold, Township of	17_01	Excavate and Remove Existing Storm Pipe, Stabilize Stream Banks, Replace Storm Pipe, and Install New Drainage Structure along Rose Court	Ongoing	Mitigation - Improving Functions	Medium
Freehold, Township of	17_06	Provide Hazard Mitigation Information/Training to Residents	Ongoing	Administrative	Medium
Freehold, Township of	17_08	Create a Wildfire Mitigation Plan and Provide Public Outreach on the Hazard	Ongoing	Administrative	Medium
Freehold, Township of	17_11	Purchase and Install a Generator for CentraState Hospital	New	Maintenance / Response / Recovery	Medium
Freehold, Township of	17_12	Conduct a Microgrid Feasibility Study	New	Administrative	Medium

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Freehold, Township of	17_13	Target Harden Police Headquarters by Installing Surveillance Cameras and Fencing	New	Maintenance / Response / Recovery	Medium
Freehold, Township of	17_05	Clean and De-snag Streams Throughout the Township	Ongoing	Maintenance / Response / Recovery	Low
Freehold, Township of	17_15	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Freehold, Township of	17_07	Purchase and Install Generators for Pump Stations	Completed		
Hazlet, Township of	18_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Hazlet, Township of	18_07	Upgrade Surveillance System Software for the Township	New	Maintenance / Response / Recovery	High
Hazlet, Township of	18_08	Purchase Police Protective Gear	New	Maintenance / Response / Recovery	High
Hazlet, Township of	18_09	Upgrade Communication System between Fire and Police	New	Maintenance / Response / Recovery	High
Hazlet, Township of	18_10	Join FEMA's CRS Program	New	Administrative	High
Hazlet, Township of	18_11	Construct Flood Control Measures (e.g. floodwalls and small berms) Along Thornes Creek and Waackaack Creek to Mitigate Flooding in the West Keansburg Neighborhood	New	Mitigation - Risk Reduction	High
Hazlet, Township of	18_01	Continue to Clear Debris and Sediment from Stream Corridors to Mitigate Flooding	Ongoing	Maintenance / Response / Recovery	Medium
Hazlet, Township of	18_02	Clean, Televis, and Replace Stormwater Inlets and Catch Basins	Ongoing	Maintenance / Response / Recovery	Medium
Hazlet, Township of	18_05	Purchase and Install Generators for Critical Facilities	New	Maintenance / Response / Recovery	Medium
Hazlet, Township of	18_06	Develop a Natco Park Wildfire Protection Plan	New	Administrative	Medium
Hazlet, Township of	18_03	Acquire Flood-prone Property for Open Space	Withdrawn		
Highlands, Borough of	19_01	Elevate and Floodproof Downtown District	Ongoing	Mitigation - Risk Reduction	High
Highlands, Borough of	19_02	Build More Stormwater Pump Stations and Provide Stormwater Infrastructure Improvements along Route 36	Ongoing	Mitigation - Improving Functions	High
Highlands, Borough of	19_03	Protect and Restore Existing Natural Protective Features (the coastline) and Flood Control Infrastructure (i.e. bulkheads)	Ongoing	Mitigation - Improving Functions	High



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Highlands, Borough of	19_04	Implement No-Build Ordinances along Landslide-prone Areas and Implement Soil Stabilization Measures	Ongoing	Administrative	High
Highlands, Borough of	19_08	Install Movable Flood Gates along the Raritan Bay	Ongoing	Mitigation - Risk Reduction	High
Highlands, Borough of	19_09	Reduce the Amount of Stormwater Flowing from Middletown, which Floods Route 36 and the Borough	New	Mitigation - Improving Functions	High
Highlands, Borough of	19_10	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Highlands, Borough of	19_05	Improve Electrical and Telecommunication Systems at Critical Facilities	Ongoing	Maintenance / Response / Recovery	Medium
Highlands, Borough of	19_06	Implement Wind Resistant Building Techniques	Ongoing	Mitigation - Risk Reduction	Medium
Highlands, Borough of	19_07	Conduct a Study on Borough Facilities and Seek Funding for Mitigation Projects	Ongoing	Administrative	Medium
Holmdel, Township of	20_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Holmdel, Township of	20_09	Construct Flood Measure (e.g. floodwalls or small berms) along Hop Brook	New	Mitigation - Risk Reduction	High
Holmdel, Township of	20_03	Conduct a Flood Mitigation Study for Route 35	New	Administrative	Medium
Holmdel, Township of	20_04	Target Harden Critical Facilities by Installing Surveillance Camera and Fencing	New	Maintenance / Response / Recovery	Medium
Holmdel, Township of	20_07	Purchase and Install Generators for Critical Facilities	New	Maintenance / Response / Recovery	Medium
Holmdel, Township of	20_08	Conduct a Fire Analysis Study	New	Administrative	Medium
Holmdel, Township of	20_05	Conduct Ongoing Maintenance of the Morrhoris Brook/Waycaake Creek	New	Maintenance / Response / Recovery	Low
Holmdel, Township of	20_06	Develop a Tree Trimming Maintenance Program	New	Maintenance / Response / Recovery	Low
Holmdel, Township of	20_01	Update Sanitary Sewer Infrastructure	Completed		
Howell, Township of	21_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties in the Mariners Cove Neighborhood	Ongoing	Mitigation - Risk Reduction	High

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Howell, Township of	21_10	Install Backup Batteries Capabilities for Intersections along Route 9	New	Maintenance / Response / Recovery	High
Howell, Township of	21_11	Conduct Routine Debris Removal and Develop a Floodplain Management Plan for Stream Corridors	New	Maintenance / Response / Recovery	High
Howell, Township of	21_12	Repair, Remove, or Rehabilitate the Echo Lake Dam, Lake Louise Dam, and Manasquan Reservoir Dam	New	Mitigation - Risk Reduction	High
Howell, Township of	21_01	Increase Hazard Education and Risk Awareness for Residents	Ongoing	Administrative	Medium
Howell, Township of	21_02	Protect Critical Facilities Used for Sheltering from Wind Damage and Flooding	Ongoing	Mitigation - Risk Reduction	Medium
Howell, Township of	21_04	Improve Communication for Critical Facilities	Ongoing	Administrative	Medium
Howell, Township of	21_05	Purchase and Install Generators for Critical Facilities to Continue Emergency Services During Storms	Ongoing	Maintenance / Response / Recovery	Medium
Howell, Township of	21_06	Continue to Provide Safe Drinking Water to Residents During Power Outages	Ongoing	Maintenance / Response / Recovery	Medium
Howell, Township of	21_07	Develop a Study on the Need for Transportation of Vulnerable Populations during Emergencies	New	Administrative	Medium
Howell, Township of	21_08	Develop a Wildfire and Trail Maintenance Plan	New	Administrative	Medium
Howell, Township of	21_09	Coordinate with NWS Earle on Emergency Response Protocol	New	Maintenance / Response / Recovery	Medium
Howell, Township of	21_13	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Interlaken, Borough of	22_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Interlaken, Borough of	22_03	Construct Flood Measure (e.g. floodwalls or small berms) along Deal Lake	New	Mitigation - Risk Reduction	High
Interlaken, Borough of	22_01	Systematically Conduct Upgrades and Improvements to Sewer Systems, Stormwater Systems, and Outflow Pipes	Ongoing	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_01	Install Three Floodproofed Stormwater Pump Stations with Generators	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	23_03	Extend Bulkhead and Dredge Waackaack Creek	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	23_04	Extend Beach Width, Increase Sand Dune Height, Conduct Dune Maintenance with Dune Grass, and Other Beach Mitigation Projects	Ongoing	Mitigation - Risk Reduction	High



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Keansburg, Borough of	23_05	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	23_06	Initiate a Tree Trimming/Pruning Program	Ongoing	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_07	Acquire Vacant Properties for Open Space	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	23_09	Create Flood Hazard Zoning Ordinances	Ongoing	Administrative	High
Keansburg, Borough of	23_13	Construct a Certified Levee along the Bay	New	Mitigation - Risk Reduction	High
Keansburg, Borough of	23_15	Update Winter Storm Response Plan	New	Administrative	High
Keansburg, Borough of	23_16	Develop a Civil Unrest Response Plan	New	Administrative	High
Keansburg, Borough of	23_34	Reconstruct Inlet on Steeley Avenue	New	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_38	Install New Inlet and Pipes at Laurel Avenue	New	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_39	Construct a Two Million Gallon Storage Tank	New	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_40	Replace Aging Water Mains	New	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_42	Purchase and Install New Pumps and New Comminutors at Sewer Pump station	New	Mitigation - Improving Functions	High
Keansburg, Borough of	23_46	Purchase Two New Trucks for Water/Sewer Department	New	Maintenance / Response / Recovery	High
Keansburg, Borough of	23_08	Develop a Backup Generator Plan	Ongoing	Administrative	Medium
Keansburg, Borough of	23_14	Designate More Dredging Dump Sites	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_17	Develop a Cyber Attack Response Implementation	New	Administrative	Medium
Keansburg, Borough of	23_18	Develop an Action Plan to Address Economic Collapse	New	Administrative	Medium
Keansburg, Borough of	23_19	Develop an Action Plan to Address a Pandemic Event	New	Administrative	Medium
Keansburg, Borough of	23_20	Create an Action Plan to Address Power Failure	New	Administrative	Medium
Keansburg, Borough of	23_21	Create a Terrorism Response Plan	New	Administrative	Medium
Keansburg, Borough of	23_22	Reconstruct Randall Place	New	Maintenance / Response / Recovery	Medium

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Keansburg, Borough of	23_23	Reconstruct Maple Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_24	Reconstruct Grove Place	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_25	Reconstruct Woodside Avenue - Phase 1	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_26	Reconstruct Woodside Avenue - Phase 2	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_27	Reconstruct Lawrence Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_28	Reconstruct Myrtle Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_29	Reconstruct Beachway Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_30	Reconstruct Carr Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_31	Reconstruct Forest Avenue -Phase 1	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_32	Reconstruct Forest Avenue -Phase 2	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_33	Reconstruct Murray Lane	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_35	Replace Piping at Beaconlight Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_36	Replace Piping at Willis Avenue & Park Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_37	Improve Drainage at Beachway Avenue	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_41	Replace Pressure Filter in Water Plant	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_43	Purchase a New Jet/Vac Truck	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_44	Purchase a New Belt Filter Press for Sludge Disposal	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_45	Purchase New Membranes for R/O Treatment	New	Maintenance / Response / Recovery	Medium



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Keansburg, Borough of	23_47	Purchase Three New Department of Public Works Trucks	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_48	Purchase a New Sweeper Vac	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_49	Purchase a New Trailer to Haul Equipment	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_50	Purchase New Aerial Fire Trucks	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_51	Purchase New Basic Life Support Ambulances	New	Maintenance / Response / Recovery	Medium
Keansburg, Borough of	23_11	Develop Water Use Restriction Ordinances	Ongoing	Administrative	Low
Keansburg, Borough of	23_52	Purchase New Wave Runners	New	Maintenance / Response / Recovery	Low
Keansburg, Borough of	23_02	Relocate the Police Headquarters and Emergency Operation Center out of Flood Area	Completed	Mitigation - Improving Functions	
Keansburg, Borough of	23_10	Develop a Variance Plan	Completed	Administrative	
Keansburg, Borough of	23_12	Develop Hazard Mitigation Outreach Program	Completed		
Keansburg, Borough of	24_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_02	Acquire Two Flood Prone Properties	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_03	Elevate and Replace Bulkheads	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_04	Elevate and Floodproof Maple Place Pump Station	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_06	Build New Culvert at Green Grove Ave.	Ongoing	Mitigation - Improving Functions	High
Keansburg, Borough of	24_07	Increase Size of Stormwater Pipes and Overall Stormwater System in the Borough	Ongoing	Mitigation - Improving Functions	High
Keansburg, Borough of	24_08	Elevate Firemen's Park Bulkhead	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_09	Install Tide Valves - Phase II	Ongoing	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_10	Extend Beach Park Pipe Past Division Street	Ongoing	Mitigation - Improving Functions	High
Keansburg, Borough of	24_12	Acquire 44 Beer Street and Convert to Open Space	New	Mitigation - Risk Reduction	High
Keansburg, Borough of	24_13	Dredge Luppatatong Creek	New	Maintenance / Response / Recovery	High

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Keyport, Borough of	24_14	Restore Wetlands at Happy Meadows	New	Mitigation - Improving Functions	High
Keyport, Borough of	24_15	Develop Storm Debris Dumpster Storage Plan	New	Administrative	High
Keyport, Borough of	24_16	Create Living Shorelines along the Raritan Bay and Install Wave Attenuation Devices in the Bay	New	Mitigation - Risk Reduction	High
Keyport, Borough of	24_17	Implement the Beers Street Neighborhood Plan Recommendations	New	Administrative	High
Keyport, Borough of	24_18	Implement the Walnut-Oak Street Neighborhood Plan Recommendations	New	Administrative	High
Keyport, Borough of	24_19	Implement the First Street Neighborhood Plan Recommendations	New	Administrative	High
Keyport, Borough of	24_20	Implement the Division Street Neighborhood Plan Recommendations	New	Administrative	High
Keyport, Borough of	24_21	Acquire Olsen's Marina and Convert to Open Space	New	Mitigation - Risk Reduction	High
Keyport, Borough of	24_11	Purchase and Install Permanent Generators for Emergency Shelters	New	Maintenance / Response / Recovery	Medium
Keyport, Borough of	24_05	Purchase and Install Generators at Pump Stations	Completed	Maintenance / Response / Recovery	
Lake Como, Borough of	25_01	Construct a New Outfall Pipe and Pump at Lake Como to Allow Water to be Released to the Ocean	Ongoing	Mitigation - Risk Reduction	High
Lake Como, Borough of	25_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Lake Como, Borough of	25_04	Purchase and Install Generator for Emergency Shelter	Ongoing	Maintenance / Response / Recovery	Medium
Lake Como, Borough of	25_08	Protect the Emergency Command Center from Wind Damage Through Purchasing and Installing Hurricane Windows and Roof Straps	Ongoing	Mitigation - Risk Reduction	Medium
Lake Como, Borough of	25_09	Purchase and Install Generator for Belmar Police	New	Maintenance / Response / Recovery	Medium
Lake Como, Borough of	25_06	Purchase and Install Generator for Public Works Building	Ongoing	Maintenance / Response / Recovery	Low
Lake Como, Borough of	25_03	Water System Improvements	Completed		
Lake Como, Borough of	25_05	Purchase and Install Generator for OEM Central Command Center	Completed		
Lake Como, Borough of	25_07	Purchase and install Generator for First Aid Building	Completed		



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Little Silver, Borough of	26_01	Improve Stormwater Runoff and Drainage by Upgrading Infrastructure and Clean Streams	Ongoing	Maintenance / Response / Recovery	High
Little Silver, Borough of	26_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Little Silver, Borough of	26_03	Repair Outfall Drainage Pipe and Install Tide Flex Valve	Ongoing	Mitigation - Risk Reduction	High
Little Silver, Borough of	26_04	Install a Regional Dyke Structure along the Sandy Hook Inlet	Ongoing	Mitigation - Risk Reduction	High
Little Silver, Borough of	26_08	Elevate Seven Bridges Rd. Above the Flood Zone	New	Mitigation - Improving Functions	High
Little Silver, Borough of	26_06	Target Harden Critical Facilities by Installing Surveillance Cameras, Panic Buttons, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Little Silver, Borough of	26_07	Improve Communications between Police Officers	New	Maintenance / Response / Recovery	Medium
Little Silver, Borough of	26_09	Purchase Tree Trimming Equipment	New	Maintenance / Response / Recovery	Medium
Little Silver, Borough of	26_05	Purchase and Install Generators for Critical Facilities	New	Maintenance / Response / Recovery	Low
Little Silver, Borough of	26_10	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Loch Arbour, Village of	27_04	Acquire the Beach Club Property and Protect the Shoreline with Dunes and Living Shorelines	Ongoing	Mitigation - Risk Reduction	High
Loch Arbour, Village of	27_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Loch Arbour, Village of	27_03	Conduct a Study on the Need for Stormwater Basins and Construct New Infrastructure (if needed)	Ongoing	Administrative	Medium
Loch Arbour, Village of	27_05	Construct an Automatic Tide Gate at Deal Lake	Ongoing	Mitigation - Risk Reduction	Medium
Loch Arbour, Village of	27_01	Automatic Flume Gate for Deal Lake	Completed		
Loch Arbour, Village of	27_02	Deal Lake Stream Maintenance and Clearing	Completed		
Long Branch, City of	28_04	Install Stormwater Control Devices at Lake Takanassee	Ongoing	Mitigation - Risk Reduction	High
Long Branch, City of	28_05	Install Improved Stormwater Pipe at the Elberon Trestle	Ongoing	Mitigation - Risk Reduction	High
Long Branch, City of	28_06	Install Duckbill Check Valves along the Shrewsbury River	Ongoing	Mitigation - Risk Reduction	High
Long Branch, City of	28_07	Construct a New Bulkhead at Bay Ave.	Ongoing	Mitigation - Risk Reduction	High

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Long Branch, City of	28_08	Elevate Flood-prone Residential Properties Below the BFE, especially Repetitive Loss and Severe Repetitive Loss Properties	Ongoing	Mitigation - Risk Reduction	High
Long Branch, City of	28_09	Acquire and demolish/relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Long Branch, City of	28_10	Purchase and Install Portable Flood Diversions	New	Mitigation - Risk Reduction	High
Long Branch, City of	28_16	Replace Bulk Head at Long Branch Promenade	New	Mitigation - Risk Reduction	High
Long Branch, City of	28_03	Upsize the Stormwater Pipe under the New Jersey Transit Rail Line	Ongoing	Mitigation - Improving Functions	Medium
Long Branch, City of	28_11	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, Security Personnel, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Long Branch, City of	28_12	Purchase and Install Back Up Servers at Polling Stations	New	Maintenance / Response / Recovery	Medium
Long Branch, City of	28_13	Purchase Portable Traffic Lights	New	Maintenance / Response / Recovery	Medium
Long Branch, City of	28_14	Relocate Police Station out of Flood Hazard Area	New	Mitigation - Improving Functions	Medium
Long Branch, City of	28_15	Purchase and Install Flood Warning Signs	New	Maintenance / Response / Recovery	Medium
Long Branch, City of	28_17	Create Water Retention Areas to Alleviate Flooding	New	Mitigation - Improving Functions	Medium
Long Branch, City of	28_18	Install Flood Gate within Manahasset Creek	New	Mitigation - Risk Reduction	Medium
Long Branch, City of	28_01	Continue to Enforce Flood Ordinances	Ongoing	Administrative	Low
Long Branch, City of	28_02	Continue to Implement the City-Wide Drainage Master Plan	Ongoing	Administrative	Low
Manalapan, Township of	29_01	Acquire Flood-prone Properties Along Birmingham Drive	Ongoing	Mitigation - Risk Reduction	High
Manalapan, Township of	29_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Manalapan, Township of	29_05	Repair, Remove, or Rehabilitate the Millhurst Lake Dam	New	Mitigation - Risk Reduction	High
Manalapan, Township of	29_02	Active Shooter Training and Shelters	New	Maintenance / Response / Recovery	Medium
Manalapan, Township of	29_03	Target Harden Critical Facilities by Installing Surveillance Cameras, an	New	Maintenance / Response / Recovery	Medium



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
		Access Control System, Security Gates, and/or Bulletproof Glass			
Manasquan, Borough of	30_01	Complete the Borough Risk Assessment for Structures, Facilities, and Equipment in the Borough	Ongoing	Administrative	High
Manasquan, Borough of	30_14	Elevate Residential and Non-Residential Structures & Equipment, especially Repetitive Loss (RL) and Severe Repetitive Loss (SRL) Properties	Ongoing	Mitigation - Risk Reduction	High
Manasquan, Borough of	30_15	Relocate Structures, Critical Facilities, and Equipment out of Flood Hazard Areas, especially Repetitive Loss and Severe Repetitive Loss Properties	Ongoing	Mitigation - Risk Reduction	High
Manasquan, Borough of	30_16	Elevate and/or Improve Drainage of Roadways in Flood-prone Areas	Ongoing	Mitigation - Improving Functions	High
Manasquan, Borough of	30_17	Construct a Seawall and Flood Gate	Ongoing	Mitigation - Risk Reduction	High
Manasquan, Borough of	30_05	Increase Public Warning Capabilities	Ongoing	Maintenance / Response / Recovery	Medium
Manasquan, Borough of	30_09	Provide Lightning Protection for Critical Facilities	Ongoing	Maintenance / Response / Recovery	Medium
Manasquan, Borough of	30_11	Restore Natural Buffers to Mitigate Flooding Borough-Wide	Ongoing	Mitigation - Risk Reduction	Medium
Manasquan, Borough of	30_13	Floodproof Residential and Non-Residential Structures	Ongoing	Mitigation - Risk Reduction	Medium
Manasquan, Borough of	30_03	Continue Monitoring the Implementation of the Hazard Mitigation Plan	Ongoing	Administrative	Low
Manasquan, Borough of	30_06	Develop a Drought Emergency Plan	Ongoing	Administrative	Low
Manasquan, Borough of	30_07	Conduct Seismic Retrofitting of Structures, Facilities, and Equipment	Ongoing	Mitigation - Risk Reduction	Low
Manasquan, Borough of	30_10	Provide Erosion and Wave Protection along the Oceanfront by Constructing a Dune and Wall System along the Coastline	Ongoing	Mitigation - Risk Reduction	Low
Manasquan, Borough of	30_18	Conduct an Inventory and Retrofit Structures, Facilities, and Equipment to Sustain High Winds	Ongoing	Administrative	Low
Manasquan, Borough of	30_02	Establish Funding Mechanism for HMP	Completed		
Manasquan, Borough of	30_04	Implement a Program for Public Information on Hazard Awareness & Mitigation	Completed		
Manasquan, Borough of	30_08	Provide Back-up Power Generation for Critical Facilities	Completed		
Manasquan, Borough of	30_12	Enforce Compliance with NFIP's CRS Program	Completed		

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Marlboro, Township of	31_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Marlboro, Township of	31_07	Desnag and Clean Stream Corridors within the Township	New	Maintenance / Response / Recovery	High
Marlboro, Township of	31_08	Construct Flood Measure (e.g. floodwalls or small berms) along Deep Run	New	Mitigation - Risk Reduction	High
Marlboro, Township of	31_03	Purchase and Install Generator at Tennent Rd. Water Treatment Plant and Pump Station	Ongoing	Maintenance / Response / Recovery	Medium
Marlboro, Township of	31_01	Provide Awareness and Readiness Information on Hazards and Preparedness	Completed		
Marlboro, Township of	31_02	Provide Public Information on Emergencies	Completed		
Marlboro, Township of	31_04	Purchase and Install Generator at the Harbor Rd. Water Treatment Plant	Completed		
Marlboro, Township of	31_05	Purchase and Install Generator at Recreation Center	Completed		
Matawan, Borough of	32_02	Replace Lake Matawan Dam	Ongoing	Mitigation - Risk Reduction	High
Matawan, Borough of	32_03	Elevate Aberdeen Road	Ongoing	Mitigation - Improving Functions	High
Matawan, Borough of	32_05	Purchase a Jet Vac Ravine Cleaning and Clean Outfall Pipes	New	Maintenance / Response / Recovery	High
Matawan, Borough of	32_09	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Matawan, Borough of	32_07	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Matawan, Borough of	32_08	Develop a Tree Trimming Program	New	Maintenance / Response / Recovery	Medium
Matawan, Borough of	32_06	Upgrade Generators at Critical Facilities	New	Maintenance / Response / Recovery	Low
Matawan, Borough of	32_01	Replace Lake Lefferts Dam	Completed		
Matawan, Borough of	32_04	Provide Auxiliary Power to the Matawan Municipal Community Center/Borough Hall	Completed		
Middletown, Township of	33_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Substantially Damaged, Repetitive	Ongoing	Mitigation - Risk Reduction	High



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
		Loss (RL), and Severe Repetitive Loss (SRL) properties			
Middletown, Township of	33_02	De-slag and Desilt Streams and Provide Wetlands Maintenance	Ongoing	Maintenance / Response / Recovery	High
Middletown, Township of	33_04	Purchase Temporary/Portable Pumps to Remove Stormwater	Ongoing	Maintenance / Response / Recovery	High
Middletown, Township of	33_10	Conduct Compton Creek Marsh Restoration and Build a Maritime Forest; Repair Bulkhead at Belford Harbor	New	Mitigation - Improving Functions	High
Middletown, Township of	33_11	Conduct Ware Creek Marsh Restoration and Build a Upland Berm Maritime Forest	New	Mitigation - Improving Functions	High
Middletown, Township of	33_12	Coordinate with NWS Earle on Protecting the Navy Base and the Belford Neighborhood through Resiliency and Risk Reduction Projects	New	Mitigation - Risk Reduction	High
Middletown, Township of	33_13	Build Upland Dune Restoration Install Wave-attenuating Oyster Reefs to Protect the Leonardo Neighborhood from Flooding	New	Mitigation - Improving Functions	High
Middletown, Township of	33_09	Increase the Number of Drones and Provide Drone Training	New	Maintenance / Response / Recovery	Medium
Middletown, Township of	33_06	Provide for Continuity of Operations by Elevating Generators and Switches at Fire Stations	Ongoing	Mitigation - Improving Functions	Low
Middletown, Township of	33_07	Develop a Microgrid Feasibility Study (2017)	New	Administrative	Low
Middletown, Township of	33_08	Enhance Security at Township Facilities	New	Maintenance / Response / Recovery	Low
Middletown, Township of	33_14	Create a Plan to Define Steep Slope/High-risk Areas to Manage Development in Landslide Areas	New	Administrative	Low
Middletown, Township of	33_03	Construct and Install an Automatic Slide Gate at Wilson Avenue at Pews Creek	Completed	Mitigation - Risk Reduction	
Middletown, Township of	33_05	Purchase and Install Generators for Critical Facilities	Completed		
Millstone, Township of	34_06	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Millstone, Township of	34_07	Repair, Remove, or Rehabilitate the Assunpink #18 Dam	New	Mitigation - Risk Reduction	High
Millstone, Township of	34_03	Mitigate Flooding Behind Township Fire House	New	Mitigation - Improving Functions	Medium
Millstone, Township of	34_04	Improve Security at Parks and Historic Buildings	New	Maintenance / Response / Recovery	Medium

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Millstone, Township of	34_01	Improve Stormwater Management through Larger Piping and Maintenance of Drains and Basins	Ongoing	Maintenance / Response / Recovery	Low
Millstone, Township of	34_02	Remove Dead and Hazardous Trees along Township's ROWs	Ongoing	Maintenance / Response / Recovery	Low
Millstone, Township of	34_05	Improve Security by Purchasing and Installing Generators at Parks and Historic Buildings	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_01	Elevate Existing Retaining Wall & Floodproof Pump Station at Shorelands Park	Ongoing	Mitigation - Risk Reduction	High
Monmouth Beach, Borough of	35_04	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Monmouth Beach, Borough of	35_05	Elevate Four Municipal Structures	Ongoing	Mitigation - Risk Reduction	High
Monmouth Beach, Borough of	35_06	Install Stormwater Improvements in Low-laying Areas	Ongoing	Mitigation - Improving Functions	High
Monmouth Beach, Borough of	35_08	Elevate Evacuation Roadways	New	Mitigation - Improving Functions	High
Monmouth Beach, Borough of	35_03	Conduct Improvements to Drainage Infrastructure at Shorelands Park	Ongoing	Mitigation - Improving Functions	Low
Monmouth Beach, Borough of	35_09	Elevate DPW Generator	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_10	Purchase and Install Permanent Roof for Salt Shed	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_11	Purchase Drones for Research & Recovery Attempts	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_12	Install Surveillance Cameras at Critical Facilities	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_13	Develop a Winter Storm Response Plan	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_14	Develop a Civil Unrest Response Plan and Preparation	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_15	Develop a Cyber Attack Response	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_16	Develop an Action Plan to Address Economic Collapse	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_17	Develop an Action plan to Address Pandemic Event Action	New	Maintenance / Response / Recovery	Low



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Monmouth Beach, Borough of	35_18	Develop an Action plan to Address Power Failure	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_19	Develop a Terrorism Response Plan	New	Maintenance / Response / Recovery	Low
Monmouth Beach, Borough of	35_02	Floodproofing Pump Station	Withdrawn	Mitigation - Risk Reduction	
Monmouth Beach, Borough of	35_07	Expand the Existing Seawall	Completed		
Neptune City, Borough of	36_07	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Neptune City, Borough of	36_03	Elevate and Waterproof Sewer Pump Station	Ongoing	Mitigation - Improving Functions	Medium
Neptune City, Borough of	36_04	Create a Safe House for OEM Equipment	Ongoing	Maintenance / Response / Recovery	Medium
Neptune City, Borough of	36_06	Develop a Comprehensive Drainage Study to Mitigate Borough Flooding	Ongoing	Maintenance / Response / Recovery	Medium
Neptune City, Borough of	36_02	Purchase and Install Generators at Borough Hall, the Fire Station, and the School	Ongoing	Maintenance / Response / Recovery	Low
Neptune City, Borough of	36_05	Implement Improvements to Designated Shelters	Ongoing	Maintenance / Response / Recovery	Low
Neptune City, Borough of	36_08	Target Harden Critical Facilities by Installing Surveillance Cameras, an Access Control System, and/or an Alarm System	New	Maintenance / Response / Recovery	Low
Neptune City, Borough of	36_01	Increase Piping Capacity and Reduce Sediment/Debris within Watershed	Completed		
Neptune, Township of	37_03	Construct an Elevated Bulkhead and a Living Shoreline Around Wesley Lake	New	Mitigation - Risk Reduction	High
Neptune, Township of	37_06	Construct an Elevated Bulkhead and a Living Shoreline Around Fletcher Lake	New	Mitigation - Risk Reduction	High
Neptune, Township of	37_08	Acquire and Demolish or Relocate Buildings and Infrastructure in flood-prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Neptune, Township of	37_11	Elevate 23 Flood-prone Properties, with a focus on Repetitive Loss and Severe Repetitive Loss Properties	Ongoing	Mitigation - Risk Reduction	High
Neptune, Township of	37_21	Update ArcGIS Online	Withdrawn	Administrative	High

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Neptune, Township of	37_02	De-snag and Desilt Wesley Lake	New	Maintenance / Response / Recovery	Medium
Neptune, Township of	37_04	Construct a Living Shoreline along Shark River	Ongoing	Mitigation - Improving Functions	Medium
Neptune, Township of	37_05	De-snag and Desilt Fletcher Lake	New	Maintenance / Response / Recovery	Medium
Neptune, Township of	37_10	Target Harden Critical Facilities by Installing Surveillance Cameras, Barriers, Window Film, an Access Control System, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Neptune, Township of	37_12	Construct a Living Shoreline along Seaview Island	New	Mitigation - Improving Functions	Medium
Neptune, Township of	37_14	De-snag and Desilt Alberta Lake	Ongoing	Maintenance / Response / Recovery	Medium
Neptune, Township of	37_15	Reconstruct Deteriorating Bulkheads on S. Riverside Drive and Retrofit Stormwater Infrastructure	Ongoing	Mitigation - Improving Functions	Medium
Neptune, Township of	37_16	Retrofit Pump stations with Watertight Doors and/or Windows	Ongoing	Mitigation - Risk Reduction	Medium
Neptune, Township of	37_19	Desilt and Dredge Shark River	Ongoing	Maintenance / Response / Recovery	Medium
Neptune, Township of	37_07	Establish and Install Warning System and Flood Gauges	Ongoing	Maintenance / Response / Recovery	Low
Neptune, Township of	37_09	De-snag and Desilt Hollow Brook	New	Maintenance / Response / Recovery	Low
Neptune, Township of	37_13	Purchase and Install Generators for Critical Infrastructure	New	Maintenance / Response / Recovery	Low
Neptune, Township of	37_17	De-snag and Desilt the Shark River Tributary, Jumping Brook, and Musquash Brook	Ongoing	Maintenance / Response / Recovery	Low
Neptune, Township of	37_18	Create a Permanent Confined Disposal Facilities (CDF) and Structural Earthen Berm	Ongoing	Maintenance / Response / Recovery	Low
Neptune, Township of	37_20	Create Hazard Overlay Zones and Update ArcGIS Online	Ongoing	Administrative	Low
Neptune, Township of	37_22	Purchase Stormwater Pumps and Appurtenances	New	Maintenance / Response / Recovery	Low
Neptune, Township of	37_01	Purchase and Install a Generator at North Island Pump Station	Completed		
Ocean, Township of	38_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High



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Ocean, Township of	38_05	Create a Detention Pond for Whalepond Brook	Ongoing	Maintenance / Response / Recovery	High
Ocean, Township of	38_10	Redesign the Existing Weir to Increase Storm Attenuation Capacity at Fireman Pond	Ongoing	Mitigation - Improving Functions	High
Ocean, Township of	38_11	Replace Existing Weir and Dredge and Reconfigure Existing Impoundment at Lollipop Pond	Ongoing	Maintenance / Response / Recovery	High
Ocean, Township of	38_14	Construct a Flood Wall along Poplar Brook	Ongoing	Mitigation - Risk Reduction	High
Ocean, Township of	38_16	Purchase Joanna Ct. Property for Detention Pond	New	Mitigation - Risk Reduction	High
Ocean, Township of	38_02	Clean and Desilt Poplar Brook and Whalepond Brook	Ongoing	Maintenance / Response / Recovery	Medium
Ocean, Township of	38_09	Reconstruct Wetlands and Flood Attenuation Basins around Harvey Brook; Stabilize Stream Banks	Ongoing	Mitigation - Improving Functions	Medium
Ocean, Township of	38_06	Purchase and Install Generators for Other Critical Facilities	Ongoing	Maintenance / Response / Recovery	Low
Ocean, Township of	38_07	Remove Sediment and Tree Debris Along the Arm of Deal Lake	Ongoing	Maintenance / Response / Recovery	Low
Ocean, Township of	38_12	Enlarge Culverts under Roadway and Railroad (Intersection of New Jersey Transit and Poplar Brook)	Ongoing	Mitigation - Improving Functions	Low
Ocean, Township of	38_13	Create a Detention Pond near Joe Palaia Park	Ongoing	Mitigation - Improving Functions	Low
Ocean, Township of	38_15	Enlarge Culverts under Roadway and Railroad (Whalepond Brook)	Ongoing	Mitigation - Improving Functions	Low
Ocean, Township of	38_17	Target Harden Municipal Complex and Schools by Installing Surveillance Cameras, Panic Buttons, Metal Detectors, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Low
Ocean, Township of	38_03	Reconstruct Roseld Avenue Dam	Withdrawn	Mitigation - Improving Functions	
Ocean, Township of	38_04	Purchase and Install Generators for Town Hall	Completed		
Ocean, Township of	38_08	Redesign the Existing Weir to Increase Storm Attenuation Capacity at the Colonial Terrace Arm of Deal Lake	Withdrawn	Mitigation - Improving Functions	
Oceanport, Borough of	39_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Oceanport, Borough of	39_09	Coordinate with Army Corp on Installing a Moveable Flood Gate	Ongoing	Mitigation - Risk Reduction	High

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Oceanport, Borough of	39_05	Examine Existing Stormwater Drainage System (Phase 1 of 2)	Ongoing	Maintenance / Response / Recovery	Medium
Oceanport, Borough of	39_06	Implement Improvements to Stormwater Drainage System (Phase 2 of 2)	Ongoing	Maintenance / Response / Recovery	Medium
Oceanport, Borough of	39_07	Protect and Restore Turtle Mill Brook	Ongoing	Maintenance / Response / Recovery	Medium
Oceanport, Borough of	39_04	Purchase and Install Emergency Generators for Critical Facilities	Ongoing	Maintenance / Response / Recovery	Low
Oceanport, Borough of	39_08	Elevate and Improve Flood-prone Roadways	Ongoing	Mitigation - Improving Functions	Low
Oceanport, Borough of	39_11	Construct Gates on Bridges to Prevent Residents from Re-Entering Borough Post Storm	New	Maintenance / Response / Recovery	Low
Oceanport, Borough of	39_12	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Oceanport, Borough of	39_02	Phase 1 of Borough Hall Relocation Project: Acquire Land for a New Building.	Completed		
Oceanport, Borough of	39_03	Phase 2 of Borough Hall Relocation Project: Construct a New Building	Completed		
Oceanport, Borough of	39_10	Create Easier Access to the Emergency Watercraft Launch	Completed		
Red Bank, Borough of	40_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Red Bank, Borough of	40_10	Construct Flood Measure (e.g. floodwalls or bulkhead) along the Navesink River	New	Mitigation - Risk Reduction	High
Red Bank, Borough of	40_04	Implement Stormwater Management Maintenance Plan	Ongoing	Maintenance / Response / Recovery	Medium
Red Bank, Borough of	40_05	Evaluate Water and Sewer Infrastructure and Make Improvements as Needed	Ongoing	Maintenance / Response / Recovery	Medium
Red Bank, Borough of	40_06	Coordinate with Red Bank Primary School on Flood Mitigation Strategies	New	Administrative	Medium
Red Bank, Borough of	40_07	Coordinate with Chapin Hill Nursing Home on Mitigation Strategies to Address Flooding, including partnering with the Salvation Army	New	Administrative	Medium
Red Bank, Borough of	40_08	Implement Impervious Cover Reduction Action Plan	New	Administrative	Medium
Red Bank, Borough of	40_09	Establish a Tree Trimming Program and Create a Wind Shield Survey	New	Maintenance / Response / Recovery	Medium
Red Bank, Borough of	40_02	New Communication Tower at Tower Hill Water Plant	Completed		



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Red Bank, Borough of	40_03	Drainage Improvements in Marine Park	Completed		
Roosevelt, Borough of	41_09	Install Traffic Calming Measures on Highly Traveled Roads	New	Mitigation - Risk Reduction	High
Roosevelt, Borough of	41_12	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Roosevelt, Borough of	41_13	Retrofit Critical Structures with Ignition-Resistant Materials	New	Mitigation - Risk Reduction	High
Roosevelt, Borough of	41_02	Expand the Brush Removal Program	Ongoing	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_03	Join a New Jersey Forest Fire Service for Systematic Removal of Accumulated Brush	Ongoing	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_04	Purchase Tree Trimming Equipment for Downed Trees	New	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_05	Update Security System for Critical Facilities	New	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_06	Install a Borough-wide Alert System	New	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_07	Purchase and Install a Generator Synagogue and Roosevelt Elementary	New	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_08	Continue and Enhance the Stream Maintenance Program	New	Maintenance / Response / Recovery	Medium
Roosevelt, Borough of	41_10	Provide Outreach on Tick Control	New	Administrative	Low
Roosevelt, Borough of	41_11	John Deer "Gator" off Road vehicle	New	Maintenance / Response / Recovery	Low
Roosevelt, Borough of	41_01	Expansion of Fire House	Withdrawn		
Rumson, Borough of	42_02	Construct Earthen Berm and Associated Grading above the Existing Bulkhead at Grant Ave. and Waterman Ave.	Ongoing	Mitigation - Risk Reduction	High
Rumson, Borough of	42_03	Improvements to Eight Sanitary Sewer Pump Stations	Completed		High
Rumson, Borough of	42_10	Improve the Borough's Warning System	Ongoing	Maintenance / Response / Recovery	High
Rumson, Borough of	42_14	Upgrade SCADA System to Control and Monitor Critical Facilities	Ongoing	Maintenance / Response / Recovery	High
Rumson, Borough of	42_16	Rehabilitate and Upgrade the Existing Drainage System at Holly Tree Lane & Evergreen Drive	Ongoing	Mitigation - Improving Functions	High

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Rumson, Borough of	42_17	Elevate and Reconstruct Rumson Boat Launch and Install New Bulkhead	Ongoing	Mitigation - Risk Reduction	High
Rumson, Borough of	42_20	Enter NFIP's CRS Program	Ongoing	Administrative	High
Rumson, Borough of	42_22	Expand the GIS Database to Digitize Records	New	Administrative	High
Rumson, Borough of	42_28	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Rumson, Borough of	42_05	Install New Elevated Bulkhead, Rehabilitate Existing Drainage Pipes, and Install a New Tide Valve at Shrewsbury Dr. & Ave of Two Rivers	Ongoing	Mitigation - Risk Reduction	Medium
Rumson, Borough of	42_08	Clean and Maintain the Borough's Streams and Ponds	Ongoing	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_09	Establish a Tree Trimming Program	Ongoing	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_11	Continue Adopting Floodplain Development Protection Ordinances	Ongoing	Administrative	Medium
Rumson, Borough of	42_12	Install Quick Connection for Portable Generator	Ongoing	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_13	Upgrade Community Shelter to Provide Temporary Refuge	Ongoing	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_15	Purchase and Install New Generator for the Oceanic Hook Ladder Fire House	Ongoing	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_24	Initiate Regional Community Resiliency Discussions with Neighboring Communities	New	Administrative	Medium
Rumson, Borough of	42_25	Elevate or Floodproof Oyster Bay Drive	New	Mitigation - Improving Functions	Medium
Rumson, Borough of	42_26	Install Lightning Protection for Critical Borough Facilities	New	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_27	Install Surveillance Cameras at Critical Facilities	New	Maintenance / Response / Recovery	Medium
Rumson, Borough of	42_07	Purchase and Install Generator for Rumson Fair Haven Regional High School	Ongoing	Maintenance / Response / Recovery	Low
Rumson, Borough of	42_23	Obtain High Resolution Aerials of SFHAs	New	Administrative	Low
Rumson, Borough of	42_29	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Rumson, Borough of	42_01	32 Home Elevations	Completed		



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Rumson, Borough of	42_04	Install Reinforced Steel, Rubber Gasket-lined Storm Doors at DPW	Completed		
Rumson, Borough of	42_06	Remove and Replace Existing Underground Diesel Fuel Storage Tanks	Completed		
Rumson, Borough of	42_18	Create an Automated Zoning and Construction Permit System	Completed		
Rumson, Borough of	42_19	Revise Rumson Emergency Operations Plan	Completed		
Rumson, Borough of	42_21	Develop GIS Database/Inventory of Borough Owned Infrastructure	Completed		
Sea Bright, Borough of	43_01	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Sea Bright, Borough of	43_02	Elevate Bulkhead with Pump Stations, Tide Valves to Outfalls, and Backflow Preventors	Ongoing	Mitigation - Risk Reduction	High
Sea Bright, Borough of	43_05	Construct Berms Along Beachfront to Absorb Storm Surge	Ongoing	Mitigation - Risk Reduction	High
Sea Bright, Borough of	43_04	Floodproof the Downtown District	Ongoing	Mitigation - Risk Reduction	Medium
Sea Bright, Borough of	43_06	Move the Electrical Infrastructure Underground	Ongoing	Mitigation - Improving Functions	Medium
Sea Bright, Borough of	43_08	Develop a Hydrology Study to Improve Stormwater Management Borough-wide	New	Administrative	Medium
Sea Bright, Borough of	43_09	Maintain and Retrofit Existing Outfalls	New	Maintenance / Response / Recovery	Medium
Sea Bright, Borough of	43_12	Purchase and Install New Siren for Municipal Complex	New	Maintenance / Response / Recovery	Medium
Sea Bright, Borough of	43_07	Target Harden Pump Stations with Camera System and Fencing	New	Maintenance / Response / Recovery	Low
Sea Bright, Borough of	43_10	Improve Public Awareness of Severe Wind Through Outreach Activities	New	Administrative	Low
Sea Bright, Borough of	43_11	Improve Public Awareness of Storm Preparedness at the Marina	New	Administrative	Low
Sea Bright, Borough of	43_03	Rehabilitate and Complete Sea Wall	Completed		
Sea Girt, Borough of	44_02	Elevate Homes above the BFE	Ongoing	Mitigation - Risk Reduction	High
Sea Girt, Borough of	44_11	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	New	Mitigation - Risk Reduction	High
Sea Girt, Borough of	44_12	Coordinate with the National Guard Training Center to Construct Flood Measure (e.g. floodwalls or berms) along Stockton Lake	New	Mitigation - Risk Reduction	High

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Sea Girt, Borough of	44_03	Purchase and Install (or Upgrade) Generators at Critical Facilities	Ongoing	Maintenance / Response / Recovery	Medium
Sea Girt, Borough of	44_05	Purchase Portable and Permanent Emergency Signage	Ongoing	Maintenance / Response / Recovery	Medium
Sea Girt, Borough of	44_09	Create an Emergency Recovery Plan for the National Guard Training Center	New	Administrative	Medium
Sea Girt, Borough of	44_10	Increase Security at Water Tower with Surveillance Camera System and Secure Gates	New	Maintenance / Response / Recovery	Medium
Sea Girt, Borough of	44_01	Extend Outflow Pipe	Completed		
Sea Girt, Borough of	44_04	New Alert Horn and Siren System	Completed		
Sea Girt, Borough of	44_06	AM Radio Station for Communication	Completed		
Sea Girt, Borough of	44_07	Reopen Wreck Pond	Completed		
Sea Girt, Borough of	44_08	Dredge Wreck Pond	Completed		
Shrewsbury, Borough of	45_07	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Shrewsbury, Borough of	45_02	Establish Public Awareness and Education Programs	Ongoing	Administrative	Medium
Shrewsbury, Borough of	45_03	Relocate the First Aid Squad Outside Flood-prone Area	Ongoing	Mitigation - Improving Functions	Low
Shrewsbury, Borough of	45_04	Upgrade Drainage System and De-snag and Clean the Little Silver Creek	Ongoing	Maintenance / Response / Recovery	Low
Shrewsbury, Borough of	45_01	Purchase and Install a Generator at Critical Facilities	Completed		
Shrewsbury, Borough of	45_05	Blades Run and Winding Brook Run Stabilization Project	Completed		
Shrewsbury, Borough of	45_06	Purchase and Install Emergency Generator	Withdrawn		
Shrewsbury, Township of	46_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Shrewsbury, Township of	46_06	Purchase and Install Generator for Pump Station	New	Mitigation - Improving Functions	High
Shrewsbury, Township of	46_01	Purchase and Install a Generator for the Township Municipal Building and Make Necessary Improvements to EOC	Ongoing	Maintenance / Response / Recovery	Medium
Shrewsbury, Township of	46_02	Implement BMPs from the Stormwater Management Plan	Ongoing	Administrative	Medium



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Shrewsbury, Township of	46_04	Purchase and Install Surveillance Cameras at DPW and Township Municipal Building	New	Maintenance / Response / Recovery	Medium
Shrewsbury, Township of	46_05	Coordinate with State Police on Emergency Response Time	New	Administrative	Medium
Spring Lake, Borough of	47_03	Reconstruct the Sand Dune at Pier Beach	Ongoing	Mitigation - Risk Reduction	High
Spring Lake, Borough of	47_04	Improve Water Quality of Wreck Pond	Ongoing	Mitigation - Improving Functions	High
Spring Lake, Borough of	47_07	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Spring Lake, Borough of	47_08	Remove of Dredge Materials from Wreck Pond to Another Location	New	Maintenance / Response / Recovery	High
Spring Lake, Borough of	47_09	Purchase and Install Generators for Critical Facilities	New	Mitigation - Improving Functions	Medium
Spring Lake, Borough of	47_10	Target Harden Police Headquarters with Bollards and Surveillance Cameras	New	Maintenance / Response / Recovery	Medium
Spring Lake, Borough of	47_01	Wreck Pond-Sluice Gate Installation	Completed		
Spring Lake, Borough of	47_02	Dredging of Wreck Pond: Phase III	Completed		
Spring Lake, Borough of	47_05	Bypass Culvert from the Emergency Spillway to Ocean	Completed		
Spring Lake, Borough of	47_06	Lake Como Outflow Reconstruction Project	Completed		
Spring Lake Heights, Borough of	48_04	Elevate and Secure Pump Stations	Ongoing	Mitigation - Improving Functions	High
Spring Lake Heights, Borough of	48_05	Acquire and demolish or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Spring Lake Heights, Borough of	48_06	Elevate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Spring Lake Heights, Borough of	48_09	Upsize or Replace Stormwater Pipe under Route 71	New	Mitigation - Improving Functions	High
Spring Lake Heights, Borough of	48_08	Desilt and De-s snag the North Branch of Wreck Pond	New	Maintenance / Response / Recovery	Medium
Spring Lake Heights, Borough of	48_10	Upsize the Culvert under NJ Transit and De-s snag and Clean Polly Pod Brook	New	Maintenance / Response / Recovery	Medium
Spring Lake Heights, Borough of	48_11	Increase Security at the Borough Water Tower	New	Maintenance / Response / Recovery	Medium

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Spring Lake Heights, Borough of	48_12	Purchase and Install Generator for Spring Lake Heights Elementary School	New	Maintenance / Response / Recovery	Medium
Spring Lake Heights, Borough of	48_01	Hazard Zoning & High-Risk Hazard Land Use Ordinances	Completed		
Spring Lake Heights, Borough of	48_02	Increase Education and Risk Awareness	Completed		
Spring Lake Heights, Borough of	48_03	Protection from Tidal Flooding	Completed		
Spring Lake Heights, Borough of	48_07	Elevation or Retrofit of Existing Utilities above the BFE	Completed		
Tinton Falls, Borough of	49_09	Purchase and Install Generators for Critical Facilities	Ongoing	Mitigation - Improving Functions	High
Tinton Falls, Borough of	49_10	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties, Especially along Pine Brook	Ongoing	Mitigation - Risk Reduction	High
Tinton Falls, Borough of	49_13	Implement Security Upgrade Measures at Borough Hall	New	Maintenance / Response / Recovery	High
Tinton Falls, Borough of	49_18	Construct Flood Measure (e.g. floodwalls or berms) along Pine Brook	New	Mitigation - Risk Reduction	High
Tinton Falls, Borough of	49_01	Continue to Enforce the Borough's Stormwater Management Plan	Ongoing	Administrative	Medium
Tinton Falls, Borough of	49_03	Create a Program for Routine Stormwater Maintenance Program and Seek Financial Assistance to Clean Stream Segments	Ongoing	Maintenance / Response / Recovery	Medium
Tinton Falls, Borough of	49_04	Limit Development along Steep Slopes Through a Steep Slope Ordinance	Ongoing	Administrative	Medium
Tinton Falls, Borough of	49_05	Create a Wildfire Risk Map	Ongoing	Administrative	Medium
Tinton Falls, Borough of	49_11	Upgrade Critical Facilities to Serve as a Comfort Station and Temporary Area of Refuge During or After a Disaster	New	Maintenance / Response / Recovery	Medium
Tinton Falls, Borough of	49_12	Target Harden the Municipal Complex (Borough Hall, Police Headquarters, DWP Facility) by Installing Surveillance Cameras, an Access Control System, Security Personnel, and/or Bulletproof Glass	New	Maintenance / Response / Recovery	Medium
Tinton Falls, Borough of	49_14	Develop a Civil Unrest Response Plan	New	Administrative	Medium
Tinton Falls, Borough of	49_15	Develop a Cyber Attack Response Implementation	New	Administrative	Medium



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Tinton Falls, Borough of	49_16	Develop an Action Plan for a Pandemic Event	New	Administrative	Medium
Tinton Falls, Borough of	49_17	Construct a OEM Vehicle Garage	New	Maintenance / Response / Recovery	Medium
Tinton Falls, Borough of	49_02	Create a Mitigation Outreach Program and Community Response Team Program	Ongoing	Administrative	Low
Tinton Falls, Borough of	49_06	Purchase NOAA Weather Radios for Critical Facilities	Ongoing	Maintenance / Response / Recovery	Low
Tinton Falls, Borough of	49_07	Develop Educational Programs on Winter Hazards	Ongoing	Administrative	Low
Tinton Falls, Borough of	49_08	Enforce Landscaping Practices that Reduce Hazards from Winter Storms	Ongoing	Administrative	Low
Union Beach, Borough of	50_01	Implement the Army Corps of Engineers Shore Protection and Flood Control Plan for Flood Reduction Projects	Ongoing	Mitigation - Risk Reduction	High
Union Beach, Borough of	50_02	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Union Beach, Borough of	50_04	Elevate Front Street	Ongoing	Mitigation - Improving Functions	High
Union Beach, Borough of	50_05	Relocate Department of Public Works Main Building out of Flood Zone	Ongoing	Mitigation - Improving Functions	High
Union Beach, Borough of	50_06	Relocate Harris Garden Fire Company Building (Station 65-4) outside a Flood Zone	Ongoing	Mitigation - Improving Functions	High
Union Beach, Borough of	50_07	Elevate Florence Ave.	Ongoing	Mitigation - Improving Functions	High
Union Beach, Borough of	50_08	Install Flood Warning Signage	Ongoing	Administrative	High
Union Beach, Borough of	50_14	Purchase and Install Generators for Memorial School and Borough Hall	New	Mitigation - Improving Functions	High
Union Beach, Borough of	50_15	Elevate Park Avenue	New	Mitigation - Improving Functions	High
Union Beach, Borough of	50_16	Restore the Marsh Surrounding Flat Creek and Create an Upland Maritime Forest Berm	New	Mitigation - Improving Functions	High
Union Beach, Borough of	50_11	Construct a Stone Revetment Wall	Ongoing	Mitigation - Risk Reduction	Medium
Union Beach, Borough of	50_13	Update the Borough's Emergency Warning System	Ongoing	Administrative	Medium
Union Beach, Borough of	50_03	Elevate Spruce Street, Center Street, and Fifth Street	Completed		
Union Beach, Borough of	50_09	Stream/Creek Cleaning and Maintenance	Completed		

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Union Beach, Borough of	50_10	Maintenance of Shore Protection Programs	Completed		
Union Beach, Borough of	50_12	Storm Drain/Inlet Maintenance	Completed		
Upper Freehold, Township of	51_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
Upper Freehold, Township of	51_09	Repair, Remove, or Rehabilitate the Assumpink #4 Dam	New	Mitigation - Risk Reduction	High
Upper Freehold, Township of	51_04	Identify and Remove Hazardous Trees	Ongoing	Administrative	Medium
Upper Freehold, Township of	51_05	Create a Wildfire Inventory of Potential At Risk Properties and Develop an Alerting System to Notify Those Residents	Ongoing	Administrative	Medium
Upper Freehold, Township of	51_06	Coordinate with the County on Clearing Sediment and Debris at Bridges U-15 Breza Rd. and U-52 Ellisdale Rd.	Ongoing	Maintenance / Response / Recovery	Medium
Upper Freehold, Township of	51_07	Clear Sediment and Debris at Bridges U-53, U-47, and U-48	Ongoing	Maintenance / Response / Recovery	Medium
Upper Freehold, Township of	51_08	Purchase and Install Generators for the Municipal Building and the First Aid Building	New	Mitigation - Improving Functions	Medium
Upper Freehold, Township of	51_10	Create a Plan to Manage Development in Landslide Hazard Areas	New	Administrative	Low
Upper Freehold, Township of	51_01	Continue to Provide Hazard Education and Risk Awareness	Completed		
Upper Freehold, Township of	51_02	Improve Drainage System Capacity	Completed		
Wall, Township of	52_01	Purchase and Install Emergency Power to Critical Facilities	Ongoing	Mitigation - Improving Functions	High
Wall, Township of	52_08	Repair, Remove, or Rehabilitate the Glendola Reservoir Dam	New	Mitigation - Risk Reduction	High
Wall, Township of	52_02	Maintain the Removal of Dead and Hazardous Trees along Township Roads	Ongoing	Maintenance / Response / Recovery	Medium
Wall, Township of	52_03	Dredge or Pump Siltation from the Shark River Basin to Confined Disposal Facility (CDF)	Ongoing	Maintenance / Response / Recovery	Medium
Wall, Township of	52_06	Purchase a Stationary License Plate Reader	New	Maintenance / Response / Recovery	Medium
Wall, Township of	52_07	Develop an Active Shooter and Civil Unrest Response Plan	New	Administrative	Medium
Wall, Township of	52_04	Reopen Wreck Pond	Withdrawn		



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Wall, Township of	52_05	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Completed		
West Long Branch, Borough of	53_01	Clean the Turtle Mill Brook and Design a New Drainage System for the Brook	Ongoing	Mitigation - Improving Functions	High
West Long Branch, Borough of	53_03	Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties	Ongoing	Mitigation - Risk Reduction	High
West Long Branch, Borough of	53_06	Create an Evacuation Plan and Purchase and Install a Generator for the Peter Cooper Village Senior Center	New	Mitigation - Improving Functions	High
West Long Branch, Borough of	53_08	Construct Flood Reduction Measures (e.g., floodwalls or small berms) along Turtle Mill Brook and Whale Pond Brook	New	Mitigation - Risk Reduction	High
West Long Branch, Borough of	53_02	Coordinate a Drainage Remediation Project for Whale Pond Brook	Ongoing	Mitigation - Improving Functions	Medium
West Long Branch, Borough of	53_05	Target Harden Critical Facilities by Installing Surveillance Cameras and Backup Servers	New	Maintenance / Response / Recovery	Medium
West Long Branch, Borough of	53_07	Install an Emergency Communications System Specific to West Long Branch	New	Maintenance / Response / Recovery	Medium
West Long Branch, Borough of	53_04	Purchase DPW Equipment for Stream Restoration	New	Maintenance / Response / Recovery	Low
Monmouth County	54_01	Provide Assistance to the National Flood Insurance Program's (NFIP) Community Rating System (CRS) Program	Ongoing	Administrative	High
Monmouth County	54_04	Protect and Restore Claypit Creek and Portland Place	Ongoing	Mitigation - Improving Functions	High
Monmouth County	54_05	Acquire Flood-prone Properties, especially Repetitive Loss and Severe Repetitive Loss Properties	Ongoing	Mitigation - Risk Reduction	High
Monmouth County	54_09	Implement Slope Stabilization Techniques Along the Henry Hudson Shoreline	Ongoing	Mitigation - Improving Functions	High
Monmouth County	54_11	Increase Hazard Education and Risk Awareness at the County Level	Ongoing	Administrative	High
Monmouth County	54_13	Create a Repetitive Loss (RL) and Severe Repetitive Loss (SRL) Bundle Project	New	Mitigation - Risk Reduction	High
Monmouth County	54_21	Repair, Remove, or Rehabilitate the Allentown Dam	New	Mitigation - Risk Reduction	High
Monmouth County	54_22	Repair, Remove, or Rehabilitate the Lake Topanemus Dam in Freehold Township	New	Mitigation - Risk Reduction	High

Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Monmouth County	54_02	Support Municipal Floodplain Management Planning	Ongoing	Administrative	Medium
Monmouth County	54_03	Expand Online Mapping Services	Ongoing	Administrative	Medium
Monmouth County	54_06	Improve Coastal Dune Systems at Four County Parks	Ongoing	Mitigation - Improving Functions	Medium
Monmouth County	54_07	Install Stream Bank Stabilization Techniques for the Ramanssin Brook, Pine Brook, and Manasquan River	Ongoing	Mitigation - Improving Functions	Medium
Monmouth County	54_08	Conduct Scheduled Burning and Mechanical Thinning at Three County Parks	Ongoing	Maintenance / Response / Recovery	Medium
Monmouth County	54_10	Improve County Evacuation Preparations	Ongoing	Maintenance / Response / Recovery	Medium
Monmouth County	54_12	Provide Wind-Resistant Building Retrofits for the County Evacuation Centers	Ongoing	Mitigation - Risk Reduction	Medium
Monmouth County	54_14	Improve Financial Management of Grant Monies	New	Administrative	Medium
Monmouth County	54_15	Create 3D digital Elevation Models of Structures and Infrastructure within the 500-year Flood Zones	New	Administrative	Medium
Monmouth County	54_16	Strengthen Damage Assessment Teams	New	Administrative	Medium
Monmouth County	54_17	Assist the NJ State Council for the Arts, NJ Cultural Alliance for Response (NJCAR), and Monmouth Arts in Improving Disaster Preparedness and Response for Arts, Cultural and Historic Buildings, Structures, and Institutions.	New	Administrative	Low
Monmouth County	54_18	During Non-emergency Events, Continue to Support and Strengthen the Relationships between Government Agencies, Non-profits Organizations, and Volunteers that are Community Partners in the County's Long-Term Recovery Group	New	Maintenance / Response / Recovery	Low
Monmouth County	54_19	Work with State Agencies to Update Regional Risk Maps for Risks that Extend Past the County Boundary	New	Administrative	Low



Jurisdiction	Community Action #	Action Name	Action Status	Action Category	Priority
Monmouth County	54_20	Coordinate with the Monmouth County Chamber of Commerce to Improve Business Response Post Disaster	New	Administrative	Low
Monmouth County Public Works & Engineering	54_25	Rehabilitate and Upgrade Dams to Meet Current NJDEP Bureau of Dam Safety Standards	Ongoing	Mitigation - Improving Functions	High
Monmouth County Public Works & Engineering	54_24	Purchase and Install Generators at County Highway District Facilities	Ongoing	Mitigation - Improving Functions	Medium
Monmouth County Public Works & Engineering	54_27	Replace or Elevate County Bridges and Culverts	Ongoing	Mitigation - Improving Functions	Medium
Monmouth County Public Works & Engineering	54_28	Inspect and Maintain the Structural Integrity of County Infrastructure	Ongoing	Maintenance / Response / Recovery	Medium
Monmouth County Public Works & Engineering	54_29	Install Hard-armoring on County Bridges that Experience Coastal Erosion	Ongoing	Mitigation - Improving Functions	Medium
Monmouth County Public Works & Engineering	54_30	Elevate Highway District #8 Office in Hazlet	Ongoing	Mitigation - Risk Reduction	Medium
Monmouth County Public Works & Engineering	54_23	Construct a Fueling Station at Highway District #6 in Eatontown	Completed		
Monmouth County Public Works & Engineering	54_26	Purchase and Install Generator at Monmouth County Hall of Records Building and Human Services	Completed		

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