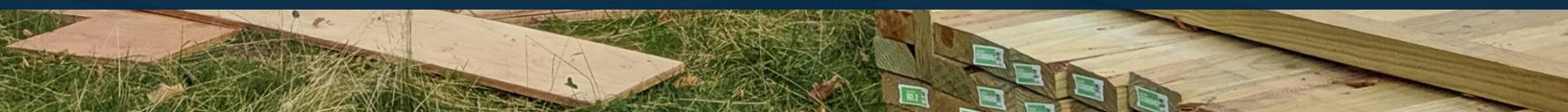




6.0 MITIGATION STRATEGY



6.0 MITIGATION STRATEGY

6.1 OVERVIEW

The Mitigation Strategy outlined in Section 6.0 of this plan is Bergen 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 steps involved in developing a mitigation strategy were first introduced at the September 18, 2023, Kickoff Meeting and discussed in depth at each municipal meeting conducted between January – March 2025 and the county meeting in April 2025. During these meetings, the Project Team asked the municipality and county for recent hazard events that have occurred since the previous plan and potential future risks affecting their community. Municipalities and the county then developed specific mitigation actions to reduce the risk of hazards. This section describes the strategy in developing county and municipal mitigation actions.

The Bergen County 2026 mitigation strategy includes 85 new and 590 ongoing mitigation actions. Since 2021, a total of 150 mitigation actions have been completed, while 65 have been withdrawn. This includes municipal, county, and special district actions. Any withdrawn action is detailed in the relevant appendix. New actions were identified by each municipality based on their risk and capability. A variety of mitigation methods were used to address all hazards present in Bergen County.

Section 6.0 Mitigation Strategy includes the following information:

- Hazard Mitigation Plan Goals (Section 6.2)
- Evaluation and prioritization of mitigation actions (Section 6.3)
- The municipal mitigation strategy summary (Section 6.4)

For mitigation actions for Special Districts, refer to Appendices Vol. I – Jurisdictional Information 71. Special Districts.

For mitigation actions for Bergen County, to Appendices Vol. I – Jurisdictional Information 72. Bergen County.

6.2 HAZARD MITIGATION PLANS GOALS

The Bergen County Hazard Mitigation goals and objectives remain unchanged from the 2021 update. Each goal has several corresponding objectives that further specify implementation actions. The value of these goals in the overall mitigation strategy is that every mitigation action identified in this HMP must align with one of the six county mitigation goals.

Goal 1--Protect and promote public health and safety:

- Achieve excellence in hazard mitigation planning.
- Improve service to vulnerable populations; reduce harm resulting from emergencies.
- Educate citizens regarding sustainable development, disaster preparedness and hazard mitigation.
- Implement and maintain state-of-the-art disaster warning systems.

Goal 2--Safeguard critical public facilities and infrastructure:

- Analyze and mitigate potential impacts from hazards for all public facilities and infrastructure (new and existing).
- Implement mitigation programs that protect all critical governmental facilities and services and promote reliability of systems to minimize impacts from hazards, maintain operations and expedite recovery in emergencies.
- Create back-up facilities for critical systems such as water, sewer, digital data, electricity, and communications for all critical facilities.

- Formalize and implement best practices for protecting systems and networks.

Goal 3--Protect public and private property:

- Adopt and enforce public policies to minimize impacts of development and enhance safe construction in high-hazard areas.
- Integrate new hazard and risk information into building codes, land use planning mechanisms and other public regulations.
- Educate public officials, developers, realtors, insurance agents, contractors, property owners, and the general public regarding hazard vulnerability and potential severity as well as potential mitigation actions.
- Promote hazard mitigation of all public and privately-owned property.
- Incorporate hazard mitigation into all community planning and projects.
- Promote hazard mitigation for all historic structures.
- Promote post-disaster mitigation as integral with repair and recovery efforts.

Goal 4--Promote economic vitality in Bergen County and its 70 constituent municipalities:

- Partner with the private sector - small and large businesses - to promote hazard mitigation as integral to standard business practices.
- Educate businesses and community members regarding how economic vitality may be impacted by potential hazards and how the impacts on the business sector may impact the local citizens.
- Partner with the private sector to create programs and processes whereby employees may be an active, powerful resource for disaster preparedness and mitigation both on the job and at home.

Goal 5--Preserve the natural environment and promote human health

- Analyze the secondary effects of potential disasters on human and environmental health, such as mold growth, hazardous material spills, chemical releases by fire/flood/ice, materials used for cleanup and recovery, etc., and develop projects to mitigate potential impacts.
- Convert all materials and chemicals used by government agencies in development, operations, maintenance, etc., to environmentally benign and conservation friendly materials and chemicals, considering a balance of social, economic, and environmental accounting.
- Decrease consumption of energy at the municipal and county level (petrochemical, electrical, etc.).
- Decrease greenhouse gas emissions at the municipal and county level.
- Conduct educational programs regarding all manner of environmental and human health awareness, including but not limited to, global warming, energy efficiency, carbon emissions, recycling and reuse.
- Engage the public and private sectors in energy efficiency and carbon emission reduction programs such as blanketing water heaters, converting to compact florescent lighting, weather proofing, maintaining proper tire pressure, etc.

Goal 6—Mitigate High Hazard Potential Dams

- Mitigate the seven High Hazard Potential Dams in the County to reduce the risk of dam failure.

6.3 EVALUATION AND PRIORITIZATION OF MITIGATION ACTIONS

When the Project Team met with the municipalities and the County, each mitigation action was discussed and updated based on their current status. The status evaluation includes completed, ongoing, withdrawn, or new.

Completed: The County and each municipality established which mitigation actions were successfully completed over the previous five-year cycle. For these completed actions, the County or municipality identified action details that may have changed or expanded, such as scope, cost, and funding source. The 2025 HMP contains the most up-to-date information provided for these actions, and the action will not be included in the mitigation actions table in future plan updates.

Ongoing: The Planning Team worked with the County and each municipality to reflect progress in the HMP implementation. Ongoing mitigation actions are those that were started but not completed or not started. They are carried forward from the 2014 and/or 2021 plan into this plan update. In each municipal appendix, the reasoning for the ongoing status is noted in the “Notes” column.

Withdrawn: The Planning Team also worked with the County and each municipality to pinpoint Withdrawn Mitigations Actions, those that were included in the previous HMP but are no longer feasible, practical, or necessary to implement. These typically are actions completed by another entity or actions combined with other actions but may also be actions that did not retain political or fiscal viability.

New: The Planning Team worked with the County and each municipality to identify New Mitigation Actions to include in the hazard mitigation planning process. These may be actions that were started but not discussed in previous HMPs or actions that the County or municipality intends to start in the coming five years.

Prioritization of Mitigation Actions

In addition to reviewing the status of each mitigation action, the Project Team worked with municipalities and the County to prioritize all ongoing and new actions using the New Jersey State Hazard Mitigation Plan’s 2024 Mitigation Action Prioritization Tool (MAP-T). Municipalities and the County reviewed their ongoing and new actions against MAP-T’s 14 criteria (Table 6.3-1) to evaluate the priority of the mitigation action. The more criteria that an action addresses, the higher its priority becomes. Action prioritization rankings are Low (action meets less than 6 criteria), medium (action meets between 7-11 criteria, and High (action meets above 11 criteria).

Table 6.3-1 MAP-T’s Criteria and Description

Criteria	Description
Life Safety	Protection of life and prevention of injury. Consider adverse effects on one segment of the population.
Property Protection	Elimination and reduction of damage to structures and infrastructure. Consider development in the floodplain or high-risk areas.
Cost-Effectiveness	Commensurateness of the cost of the action with the benefits achieved.
Political	Public support and political will in support of the action. Consider any conflict with development pressures.
Legal	Authority to implement the action.
Fiscal	Capability to fund under existing program budgets, obtain authorization for a new budget, or acquire funding from another source like a grant.
Environmental	Potential environmental impacts of the action, compliance with environmental regulations, and co-benefits of the action.
Social Vulnerability	Benefits to socially vulnerable populations and underserved communities.

Criteria	Description
Administrative	Personnel and administrative capabilities to implement the action and maintain it, capability to obtain outside help, and alignment of the project's scope and scale with the entity's capabilities.
Hazards of Concern	Mitigation of high-ranked hazards through the action.
Climate Change	Incorporation of climate change projections for the State into the action, designs to withstand/address long-term conditions, and consistency with the State's climate resilience goals.
Timeline	Capability to complete the action in less than 5 years (within the planning horizon of the HMP).
Community Lifelines	Benefits that the action provides to community lifelines.
Other State and Local Objectives	Advancement of other entity objectives, like capital improvements, economic development, environmental quality, or open-space preservation, and support of policies of other plans and programs.

6.4 MUNICIPAL MITIGATION STRATEGY SUMMARY

This section provides a high-level summary for each municipality's mitigation strategy. New to this plan is the "Overview and Progress Since Last Update," which summarizes what each municipality has prioritized through hazard mitigation planning since the last HMP in 2021 and their plan on what to prioritize for hazard mitigation in the next five years (2031). Additionally, the number of completed, ongoing, new, and withdrawn actions are also included in Table 6.4-1. For the full municipal mitigation strategy, refer to each municipal appendix (Appendices Vol. I – Jurisdictional Information).

Table 6.4-1 Municipal Mitigation Strategy Summary

Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
Allendale Borough	Since the 2021 plan update, the Borough of Allendale has focused on cleaning and repair of stormwater drainage infrastructure, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include installation of three (3) emergency power generators, improving drainage systems, and installation of drainage in a borough park, a flood prone area. Over the next five years, Allendale aims to prioritize projects that address emerging climate challenges, such as increased rainfall and wind, by expanding mitigation strategies like updated flood mapping, flooding mitigation strategies, and installation of emergency generators for critical infrastructure. These efforts underscore the Borough of Allendale's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	0	4	0	0
Alpine Borough	The Borough of Alpine has no plans within the next 5 years for any hazard mitigation improvement due to its extremely tight budget and no significant hazards to the borough.	4	3	0	1
Bergenfield Borough	Since the 2021 plan update, Bergenfield Borough has focused its mitigation strategy on improving stormwater management and enhancing emergency response capabilities. Over the next five years, the borough plans to complete target hardening, improve drainage infrastructure, and mitigate potential flooding caused by blockages at Metzler's Brook.	4	11	1	1
Bogota Borough	The Borough of Bogota has been working with Bergen County over the past few years to mitigate the storm water issue at Elm Ave and River Rd. No progress has been made yet.	1	7	0	2
Carlstadt Borough	The Borough of Carlstadt intends to prioritize flood mitigation through capital improvements to reduce the incidents of flooding in the borough's industrial zone from Tenth Street east to the Hackensack River. The borough also intends on improving its communication abilities with residents both prior to and during emergency situations as well as is disaster response capabilities to reduce the need for mitigation.	2	3	9	1
Cliffside Park Borough	The borough plans to apply for additional grants to continue upgrading our aging wastewater and stormwater sewer systems to handle increased flow and prevent leaks. This includes adding new sewers, relining existing sewers, and replacing damaged sewers.	5	3	0	0
Closter Borough	Since the adoption of our 2021 plan, the Borough of Closter has been actively addressing the increasing challenges of flash flooding, which has proven to be the most significant risk to our	2	9	0	0

Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
	community. We are committed to improving the resilience of our feeder stream systems and will be collaborating with the State on these critical efforts. In response to the rise in cyber security threats since 2021, the Borough will also prioritize the enhancement of our cyber security measures and backup systems. Given our reliance on these systems for daily operations, this has become an essential area of focus. Furthermore, our partnership with our electric provider continues to yield positive results through ongoing storm-hardening projects. We have observed a notable decrease in power loss since 2021, demonstrating the effectiveness of these initiatives.				
Cresskill Borough	The Borough of Cresskill's overall mitigation action strategy puts a focus on preventing hazards before they begin, specifically with flood hazards as the Tenakill Brook traverses through the borough. As such, the borough has worked closely with the NJDEP in revising the "Flood Damage Prevention Ordinance", as well as updating the requirements within the "Stormwater Management Ordinance" of the borough in an attempt to restrict the intensity of flooding events and the requisite damages they cause. Multiple projects throughout the borough were completed to update the existing stormwater system and to provide the appropriate flow channels throughout the borough. As flooding has remained a major problem, the borough's priority over the next five years shall remain with upgrading the existing stormwater management system to provide flood mitigation and prevention.	3	7	1	0
Demarest Borough	The Borough has adopted all NJDEP Stormwater management ordinances. The Borough has prioritized paving of unimproved roads to add drainage upgrades. The Borough has a five-year capital improvement plan that includes funding for infrastructure upgrades.	3	11	0	1
Dumont Borough	Since the 2021 plan update, the Borough of Dumont has focused on enhancing flood resilience, improving emergency response capabilities, and enhancing backup power at essential facilities. Over the next five years, Dumont aims to prioritize projects that address emerging climate challenges, by cleaning and expanding brooks, and backup power to essential facilities.	0	3	0	2
East Rutherford Borough	The Borough of East Rutherford is working on flood prone areas currently to mitigate future flooding by updating storm drains and pipe sizes. The Public Works Department is currently cleaning and televising all other drainage in the area for future repairs. Our mission for the next update is to secure an agreement with the Borough of Wallington to mitigate flooding in our borough's westerly area. The borough has implemented a reverse 911 to alert.	4	7	1	0
Edgewater Borough	Since the 2021 plan update, the Borough of Edgewater has focused on enhancing flood resilience, improving drainage systems, improving emergency response, prioritizing our back-up power facilities and upgrading critical infrastructure to mitigate natural hazard risks. Over the next five years, the Borough of Edgewater aims to address emerging climate challenges, such as a rise in the Hudson River levels by updating flood mapping, upgrading community shelters and our emergency alert system.	3	10	0	0
Elmwood Park Borough	Since the 2021 plan update, Elmwood Park has prioritized flood mitigation efforts and emergency power resilience, including stream clearing and generator installations at critical facilities. Over the next five years, the borough will focus on mitigating repetitive flood loss properties and enhancing stormwater infrastructure, particularly in areas prone to roadway flooding. These actions are aimed at improving resident safety and ensuring access to evacuation routes during storm events.	1	1	1	1
Emerson Borough	The borough is currently working on two projects to mitigate flooding due to poor drainage. It is working with the county and borough engineers. One project on Forest Ave. and Jordan Rd. The cost of this project is still undetermined; however, it will be a shared service between the borough and the county. The other project is on Dorchester Rd. Grant funds were received from EPA Community Grants 959.752. for this project, with a total cost of \$1,199,690.00.	0	9	0	2
Englewood City	None at this time.	0	6	4	0
Englewood Cliffs Borough	Since the 2021 plan update, the Borough of Englewood Cliffs has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include generators for shelters and enhancing power backup and essential facilities, such as Police, Fire, EMS. Senior Center (resilience), AWD EOM Vehicle (response), and improving drainage systems/maintenance (mitigation). Over the next five years, Englewood Cliffs aims to prioritize adopting advanced	1	8	10	0

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	emergency alert systems and upgrading community shelters. These efforts underscore the Borough's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.				
Fair Lawn Borough	Since the last plan update, the Borough of Fair Lawn has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include improving drainage systems and enhancing backup power at essential facilities. Over the next five years, Fair Lawn aims to prioritize projects that address emerging climate challenges, such as sea-level rise, by expanding mitigation strategies like updated flood mapping, adopting advanced emergency alert systems, and upgrading community shelters. These efforts underscore the Borough of Fair Lawn's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	1	8	2	1
Fairview Borough	The Borough's mitigation strategy had been to prioritize hazards that were continually plaguing the Borough in known areas, such as flooding. We have had success in mitigating these issues and are now moving on to other projects that will address the entire municipality. We are looking to improve the early warning systems with all residents as a major priority, place redundant systems for our communication and technical infrastructure, and better secure our critical facilities.	2	5	0	2
Fort Lee Borough	None at this time.	4	13	0	0
Franklin Lakes Borough	The Franklin Lakes Hazard Mitigation Plan is intended to build and sustain resilient systems, communities, critical infrastructure, and key resource lifelines to reduce vulnerability to natural, technological, and human-caused threats and hazards by lessening the likelihood, severity, and duration of adverse consequences. Specific priorities include hazards such as general sustained power outages (potentially during an extreme temperature event), rain events causing localized flooding and possible dam failure, and smoke events due to wildfires in the area. Franklin Lakes has experienced each of these hazards since 2021.	0	5	1	3
Garfield City	We plan to speak with County officials and work to make necessary repairs/renovations to the bridge to allow for debris to better flow down river. We recently raised the riverbank in the area of River Dr and Passaic St during construction to help prevent flooding to that area.	5	4	0	0
Glen Rock Borough	Since the last plan, the Borough of Glen Rock has worked on improving its emergency response to incidents, focused on improving flood areas and will continue to look at ways to improve and mitigate natural hazard risks. The borough will do all of this with a commitment to keeping the residents of Glen Rock safe.	2	13	0	1
Hackensack City	Since the 2021 update to its hazard mitigation plan, the City of Hackensack has made measurable progress in strengthening its resilience to natural disasters, specifically flooding. The city has undertaken a large sewer separation project, modernizing drainage infrastructure and separating waste and stormwater systems to reduce impacts on treatment facilities. Moving forward, Hackensack is committed to confronting emerging climate risks—such as more intense rainfall and the threat of rising water levels—by refining flood risk assessments, enhancing emergency communication tools, and bolstering the safety and readiness of community shelters and first responders. These proactive measures highlight Hackensack's dedication to protecting its residents and infrastructure.	0	11	0	1
Harrington Park Borough	The Borough of Harrington Park has focused on increasing flood resilience and upgrading essential infrastructure to reduce risks from natural hazards.	1	11	0	2
Hasbrouck Heights Borough	Since the last plan update in 2021 Hasbrouck Heights Borough has performed concerted efforts to improve its drainage system capability. The borough plans to be more proactive with the operation of illegal wastewater systems, i.e. sump pumps in both residential and commercial properties. The borough continues to enhance the public's awareness of flood prone areas and their hazards.	4	12	0	0
Haworth Borough	Haworth's hazard mitigation strategy aligns with the New Jersey State Hazard Mitigation Plan, which emphasizes reducing risks from natural hazards through proactive measures. The state plan outlines strategies to address various hazards, including flooding, and serves as a framework for local municipalities to develop their mitigation strategies.	0	12	0	0

Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
Hillsdale Borough	Since the last plan update, Hillsdale has purchased a new flood warning siren, updated communication plans with residents in flood prone areas, secured a new mass alert system to notify residents of emergency events in town & OEM staff members have taken classes offered by FEMA & the NJSP for further their education & improve on their responses to emergencies. We also implemented our own interoperability radio channel to communicate with all of our emergency services during any type of event or drill. Several homes in town are taking advantage of the Blue Acres program to buy out their homes. In the next five years, we will continue to take more classes to better educate our staff, improve flood management & communication with residents. Work with Veolia Water to manage the reservoir & its water levels.	7	7	2	1
Ho-Ho-Kus Borough	Since the 2021 plan update, the Borough of Ho-Ho-Kus has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include improving drainage systems. Over the next five years, Ho-Ho-Kus aims to prioritize projects that address emerging climate challenges, adopting advanced emergency alert systems, and de-snagging Borough's waterways. These efforts underscore the Borough of Ho-Ho-Kus's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	6	0	2	1
Leonia Borough	One of the most critical and urgent emergency situations for the borough to address is stormwater mitigation. The borough has established a Flood Committee comprised of the Council President, the Mayor, a Councilman and the Borough Administrator to develop and implement a strategy. This year we have engaged NJIT to do a comprehensive hydraulic analysis, the results of which will identify the location, size and cost of stormwater retention basins. The Borough of Leonia has also applied for grant funding through H2Loans and Congressional funding through Senator Booker's office. Furthermore, the borough has established a webpage entirely devoted to Stormwater Resilience for Homeowners, detailing how homeowners can retrofit their homes to prevent serious flood damage and what to do if they incur serious flood damage. Stormwater management is our top priority for the foreseeable future.	2	10	1	1
Little Ferry Borough	Since the 2021 update the Borough of Little Ferry has upgraded its Main St. pump station. This project was a complete replacement increasing pump capacity by 30 percent in a flood prone area. The borough also added a backup generator at the old station. The borough's priority over the next five years is to continue enhancing its flood resiliency by continuing to improve its drainage systems.	2	17	9	1
Lodi Borough	Lodi Borough plans to prioritize roadway elevations along evacuation routes due to residents being stranded before and during storm events with the help of the Army Corps of Engineers and the borough engineers. The borough will enhance its capabilities through promoting planning, increasing public preparedness and adopting building/zoning codes to assist in achieving its goal. Ultimately, the borough plans to have actions in place prior to disaster striking.	7	11	0	0
Lyndhurst Township	Since the 2021 plan update, the Township of Lyndhurst has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include elevating homes to meet updated FEMA standards, improving drainage systems, and maintaining backup power at essential facilities. Over the next five years, Lyndhurst aims to prioritize projects that address emerging climate challenges, such as sea level rise, by expanding mitigation strategies like updated flood mapping, adopting advanced emergency alert systems, and upgrading community shelters. These efforts underscore the Township of Lyndhurst's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	0	10	0	0
Mahwah Township	Since the 2021 plan update, the Township of Mahwah has focused on enhancing flood resilience and upgrading critical infrastructure to mitigate hazard risks. Key completed actions include improving drainage systems, hardening of drainage infrastructure and minor shoal removal in waterbodies. In addition, the township has taken measures to harden its technical infrastructure against cyber attacks. Over the next five (5) years, the township aims to prioritize projects that limit damage from flood hazard events and localized flooding. In addition, the township will be mapping the stormwater drainage system. The township will continue to look to obtain and place funding in the budget	0	8	0	0

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	to address items to mitigate potential hazards. Mahwah is committed to safeguarding residents and promoting sustainable growth during these challenging times.				
Maywood Borough	The Borough of Maywood has commissioned the preparation of a Watershed Inventory Report. This report will coincide with the Municipal Separate Storm Sewer System (MS4) Mapping. Both documents can be utilized to address stormwater related impacts and potential location for future stormwater system improvements. Downstream impediments would be found through implementation. System issues and upgrades could be performed to address community impacts. The Borough of Maywood has initiated mitigation actions throughout the borough through the implementation of the NJDEP Municipal Stormwater Management Program requirements and the borough's Stormwater Control Ordinance. These items consider stormwater runoff generated from individual development and require the implementation of stormwater quantity, quality, and infiltration measures. These measures mitigate both on-site flooding and off-site flooding conditions which affect the entire community. The borough has also decommissioned an existing sanitary pump station on Spring Valley Avenue which was located within a floodplain. This project addressed and mitigated stormwater and sanitary sewer impacts to the community.	1	3	1	0
Midland Park Borough	Since the 2021 plan update, the Borough of Midland Park has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include upgrading bridges and culverts to improve streamflow, improving security of critical facilities, and enhancing backup power at critical facilities. Over the next five years, the borough of Midland Park aims to prioritize projects that address security and crime prevention, floodway clearing, and backup communications and power for identified shelter locations.	4	7	3	2
Montvale Borough	Since the 2021 plan update, the Borough of Montvale has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include bank stabilization, de-snagging of waterways and focus on Grand Ave bridge over Pascack Brook. Over the next five years, Montvale aims to prioritize projects that address vulnerable flood prone areas, by expanding mitigation strategies like updated flood mapping, adopting advanced emergency alert systems, bank stabilization and stream maintenance. These efforts underscore the Borough of Montvale's commitment to safeguarding residents in the face of evolving hazards particularly in the areas that are prone to flooding.	2	14	0	0
Moonachie Borough	None at this time.	0	12	0	0
New Milford Borough	New Milford has flooded many times. Most of the mitigation that we require is very expensive and we continuously look for funding to make things happen. We plan to prioritize roadway elevations along evacuation routes due to residents being stranded before and during a storm event. However, elevating the roadways involves multiple municipalities, utilities and purchasing many buildings. Elevating the home seems to be the best route for us because we then do not lose the family and its tax base. Storm piping replaced using municipal funds and grants monies.	1	11	0	0
North Arlington Borough	North Arlington continues to strengthen its infrastructure by upgrading our storm and sanitary sewer system and mitigating property damage along the river by reinforcing the riverbank and purchasing at-risk properties. North Arlington is seeking to strengthen its emergency response by replacing its Police Station/Emergency Operations Center and Fire Headquarters along with providing emergency power to various shelters and critical structures. Also on the list of priorities is to protect borough assets through flood proofing and storage of vital borough records.	1	5	6	3
Northvale Borough	Since the last plan update in 2021, The Borough of Northvale has prioritized its efforts specifically by increasing its resources to aid flood mitigation also preventing future erosion. Our critical infrastructure is constantly improving to mitigate natural hazard risks. Completed actions have been reinforcing Borough waterways for stream bank stabilization to prevent residential flooding, enhancing municipal back up servers storing critical data information, and utilizing a	4	5	1	1

Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
	new emergency alert system to provide the residents of Northvale with up-to-date information during natural hazard events. Over the next five years we plan to coordinate with residents to mitigate RL/SRL properties through structure elevation, demolition to open space, or other types of mitigation in our continued efforts to safeguard residents when faced with future natural hazards.				
Norwood Borough	Since the 2021 plan update, the Borough of Norwood has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include elevating homes to meet updated FEMA standards, improving drainage systems, and enhancing backup power at essential facilities and infrastructure. Over the next five years, Norwood aims to prioritize projects that address emerging climate challenges, such as sea-level rise, by expanding mitigation strategies like updated flood mapping, raising structure to alleviate damage or flooding and powering critical infrastructure in times of need. These efforts underscore the Borough of Norwood's commitment to safeguarding residents and promoting sustainable growth with natural disasters occurring more frequently.	0	3	0	0
Oakland Borough	Oakland has performed 12 flood buyouts and is in the process of 7 more. The borough has updated its flood maps, continued participating in the CRS program, enhanced its public alert methodology and installed multiple generators at its critical facilities.	0	9	0	2
Old Tappan Borough	The Borough of Old Tappan is dedicated to the protection of its residents and its infrastructure. The borough has prioritized its sanitary sewer infrastructure that is susceptible to the impacts of flooding. Some of these projects are already in the planning phase.	1	15	0	0
Oradell Borough	Since the 2021 update, the Borough of Oradell's strategy has centered on advancing cost-effective and achievable projects that strengthen community resilience. Oradell completed the borough-wide flood warning system and removed actions that were outside the borough's control or lacked feasibility. Over the next five years, the borough's focus is on hardening critical infrastructure—specifically enhancing the resilience of the DPW building by relocating essential operations above flood level and installing backup power—to ensure continuity of operations during severe weather and flood events.	2	0	2	6
Palisades Park Borough	Since the 2021 plan update, the Borough of Palisades Park has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include creating additional storm drains, improving drainage systems, and enhancing backup power at essential facilities (Borough Hall). Over the next five years, Palisades Park aims to prioritize projects that address the growth of the borough with high-rises being built and continue growth in construction and population. These efforts underscore the Borough of Palisades Park commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	0	10	0	2
Paramus Borough	With the increasing frequency and intensity of extreme weather events, such as hurricanes and flooding, the Borough of Paramus is focused on taking proactive measures to reduce the potential harm from these events. Priority is to improve stormwater runoff capability and to safeguard the borough's infrastructure such as sewer pump stations and stormwater facilities. The borough is committed to protecting the residents and businesses of Paramus from repetitive loss.	0	7	3	1
Park Ridge Borough	Since the last update provided, the Borough of Park Ridge has focused on enhancing flood resilience specifically around Davies Field which has sustained various flooding issues due to its location near Mill Pond "Silver Lake." Steps have been taken to alleviate any future damage to borough facilities, specifically the borough hall, through various flood gates and water damming. It is noted that steps are being taken to plan for dredging Mill Pond which should help with flooding due to tropical storms and hurricanes.	6	10	0	2
Ramsey Borough	Since the last Hazard Mitigation Plan update, the Borough of Ramsey has directed its focus to enhance flood control studies/measures, improve emergency response capabilities, and upgrade/install security devices. Actions would include identifying remediation methods along the Ramsey Brook to prevent cresting, continue hosting training among first responder agencies, and install target hardening and monitoring devices throughout town. Over the next several years, the Borough of Ramsey aims to prioritize comprehensive risk reduction efforts by	7	12	0	0

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	implementing long-term infrastructure improvements, fostering inter-agency collaboration, and ensuring community resilience through proactive planning and public engagement.				
Ridgefield Borough	The Borough of Ridgefield is committed to improving its mitigation action strategy over the next five years. We have already completed multiple actions and have started on multiple others like the wolf creek cleanup and erosion control and the replacement of stormwater and sewer lines. Our priority over the next five years is to continue the dredging of wolfs creek, repairing more stormwater and sewer lines, public education, and training OEM and fire department personnel in swift water rescue training.	3	13	1	2
Ridgefield Park Village	Currently, Ridgefield Park Village has started to separate the storm and sewer system in the village. This will help to reduce the amount of storm water that floods the village.	2	7	0	1
Ridgewood Village	The village mitigation plan is designed to increase resilience to natural hazards by hardening critical facilities and mitigating flood hazard risks. Particular priorities have included redundant power supplies for critical facilities and installation of village-wide security systems for public spaces and buildings. Going forward, the village plans to prioritize mitigation of flood hazards including de-snagging waterways and elevating the Parks Dept. building.	3	12	2	0
River Edge Borough	River Edge Borough's overall mitigation action strategy focuses on enhancing community resilience to natural hazards by identifying and addressing vulnerabilities in critical infrastructure. A key priority is to ensure roadway routes remain open. This ensures that essential transportation corridors remain accessible during extreme weather events.	3	9	1	0
River Vale Township	The Township of River Vale has regraded and paved various roads throughout the Township along evacuation routes so that residents can travel safely before and during storms. The Township has also cleared debris, brush, limbs and trees from roadways and waterways in an effort to prevent any damages during a storm. River Vale will continue to monitor the roadways and trees/limbs for anything that may need to be addressed in the future to continue on improving the outcome of future storms.	4	3	0	1
Rochelle Park Township	Since the last plan update, the Township of Rochelle Park has made significant progress in enhancing flood resilience, strengthening emergency response capabilities, and upgrading critical infrastructure to reduce natural hazard risks. Completed actions include the elevation of homes to meet updated FEMA standards, improvements to drainage systems, the acquisition of flood protection devices to prevent water intrusion at the Fire Headquarters and OEM/EMS buildings, and approved funding to elevate the sanitary sewer pump station above the Special Flood Hazard Area (SFHA). Looking ahead, Rochelle Park will prioritize initiatives that address the growing impacts of climate change, particularly flooding associated with the Saddle River and Sprout Brook. Planned strategies over the next five years include updating flood maps, adopting advanced emergency alert systems, upgrading community shelters, installing a system to monitor Saddle River water levels in real-time, and continuing efforts to support home elevation projects in partnership with residents. These actions reflect Rochelle Park's ongoing commitment to protecting its residents and promoting sustainable, resilient development in the face of evolving environmental challenges.	3	9	0	2
Rockleigh Borough	There have been no changes to the Rockleigh mitigation plan since 2021 and there have been no issues with storms or other natural events that caused any damage to the borough. The power company did improve the electric primary line on Rockleigh Road which improved the power failures due to wind and tree branches knocking down the wire.	0	5	0	1
Rutherford Borough	This provides and update on the Borough of Rutherford's progress in addressing natural/manmade hazard risks since the last planning cycle. Noteworthy achievements include the completion of projects that focus on enhancing flood resilience through drainage system improvements (new catch basin along West Passaic and Francisco to capture storm water before running down the low areas and protecting the homes west of Jackson Ave along the Passaic River; televising the storm water system in the area looking for any damaged lines needing repairs to add in stormwater; worked with NJDOT along Vet's Blvd near Rt 3 by adding new stormwater infrastructure to assist with storm water and overflow from the tide gates), bolstering emergency response capabilities with the dedication of a new police station and Emergency Operation Center, and the installation of surveillance cameras. Over the next five years, the borough will prioritize initiatives that proactively address emerging natural/manmade	2	16	0	1

Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
	challenges, underscoring its ongoing dedication to safeguarding residents and fostering sustainable growth in the context of evolving hazards.				
Saddle Brook Township	The Township of Saddle Brook Flood Advisory Committee was formed in early 2015 to be more proactive in addressing our flooding problem, which has had a tremendous impact on, and continues to affect, many township residents. As such, flood prevention and mitigation are two of the township's highest priorities, knowing and recognizing the problems that floods have caused to the community.	2	4	5	1
Saddle River Borough	The borough continues to identify strategies. The borough has prioritized critical buildings including the Municipal Building with a generator, recently completed. The borough continues to identify infrastructure to improve conditions and minimize the potential for failures or exposure to hazardous situations.	1	5	7	0
South Hackensack Township	Since the last hazard mitigation plan update, the Township of South Hackensack has downgraded some of its mitigation actions. The township is still looking into getting generators for the Garfield Park Ejector Station. The township is also working with the Bergen County Road Division and Emergency Management on upgrading roadways.	2	8	0	1
Teaneck Township	Teaneck plans to extend its warning siren/speaker system. The township also plans to add additional public meetings to update residents and people in charge of life hazard use facilities.	4	10	0	0
Tenafly Borough	Since the 2021 plan update, the Borough of Tenafly has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate natural hazard risks. Key completed actions include elevating homes to meet updated FEMA standards, improving drainage systems, and enhancing backup power at essential facilities. Over the next five years, Tenafly aims to prioritize projects that address emerging climate challenges, such as frequent 500-year flood producing storms, by expanding mitigation strategies like updated flood mapping, adopting advanced emergency alert systems, and mitigating debris and stream cleaning, and culvert inspections/cleanouts. These efforts underscore the Borough of Tenafly's commitment to safeguarding residents and promoting sustainable growth in the face of evolving hazards.	0	18	0	0
Teterboro Borough	Teterboro's strategy to reduce the risk of flooding, hurricane/tropical storms, and nor'easters is to improve stormwater drainage throughout the borough. This includes improving drainage infrastructure at the East Riser Ditch and the West Riser Ditch. There are a few Rebuild by Design projects being built within the Borough to help improve drainage.	1	8	0	0
Upper Saddle River Borough	The borough is in discussions to add additional height and length to the existing Gabion Wall along the Saddle River at Lions Park, with the hopes to reduce or eliminate the river overtaking the banks and flooding the park, athletic areas and playground. Similar discussions are a topic at Hess Court Park with additional Gabion Walls intended to reduce or eliminate flooding water in the park.	3	10	0	1
Waldwick Borough	Since the 2021 plan update, the Borough of Waldwick has focused on enhancing flood resilience, improving emergency radio capabilities, and upgrading critical infrastructure. Key completed actions include improving drainage systems and purchasing breathing apparatus for emergency responders and enhancing generator backup power at essential facilities. Over the next five years, Waldwick aims to prioritize projects that address maintenance of our White's Pond and Dam area by expanding mitigation strategies like updated flood mapping, adopting advanced emergency alert systems, and removing debris from local waterways. Waldwick will continue to evaluate structures in flood prone areas that experience repetitive loss for possible elevation or other mitigation solutions. These efforts underscore the Borough of Waldwick's commitment to safeguarding residents and promoting sustainable growth in the face of potential hazards.	1	7	0	0
Wallington Borough	Since the 2021 plan update, the Borough of Wallington has installed a generator in the Civic Center which is used as the borough's primary shelter. The borough has also met with the Army Corps of Engineers to discuss and implement the dredging of the Passaic River to help reduce the flooding within the borough during nor'easters, hurricanes and storm surges. To date, the dredging initiative has not made any progress. Once this dredging project is underway, the borough will be able to commence with the installation of duck bills and the repair or replacement of the outfalls that are in poor condition.	0	6	1	0

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Municipality	Overview and Progress Since Last Update	# of Completed Actions	# of Ongoing Actions	# of New Actions	# of Withdrawn Actions
	The borough is also trying to secure funding to install generators at the public safety building to include all three firehouses in the borough. Over the course of the next five years, the borough will be completing the construction of the Police Department's headquarters and will be researching the relocation of the Department of Public Works, which is currently located in a flood zone. Moving the DPW to another location will help them maintain operability during their response to flooding and storm surge incidents.				
Washington Township	Since our last update of this plan in 2021, the purchase of a light tower generator and electronic message board was completed, allowing for emergency messages, Scene lighting and supplementing power of traffic signals during weather events. Also completed was a project involving flood hazard mitigation along with education to our flood prone residents throughout the township. This project consisted of distributing flood disaster recovery kits received from the American Red Cross to these residents who opted in to participate. While kits were distributed, information was exchanged with residents on the changes in the flooding they have witnesses over the last several years and information was provided on how they may stay informed and up to date on forecasted flood events. Priorities for the next 5 years are to secure the infrastructure needed to supply power to our last remaining intersection with a traffic light in the event of a power outage (updated power supply to allow for accessory power), to seek for solutions to assist the fire department with accessing wooded areas in the event of a fire/emergency and to fortify the riverbank in the area of Pascack Road and Dartmouth Drive which is eroding due to silt buildup.	3	7	1	3
Westwood Borough	The Borough of Westwood performed a condition assessment via drone of the waterways and is pursuing options for reducing risk and mitigating flooding, preferably as a multi-jurisdictional project so risk is not shifted to neighboring municipalities.	3	11	0	2
Woodcliff Lake Borough	Since the 2021 update, the Borough of Woodcliff Lake has made significant strides in enhancing emergency response capabilities and fortifying critical infrastructure against natural hazards. Notable accomplishments include improving drainage systems and strengthening backup power at essential facilities. Looking ahead, the borough is committed to addressing emerging climate challenges, especially severe weather, by advancing mitigation strategies. Key priorities for the next 5 years include updating flood mapping, remapping storm water outfalls, and proactively identifying potential risks. These initiatives reflect Woodcliff Lake's dedication to protecting residents and fostering sustainable growth in an evolving environment.	4	8	0	0
Wood-Ridge Borough	Since the 2021 plan update, the Borough of Wood-Ridge has focused on enhancing flood resilience, improving emergency response capabilities, and upgrading critical infrastructure to mitigate hazard risks. Key accomplishments include improvements to drainage systems and the enhancement of backup power and data systems at essential facilities. Looking ahead, Wood-Ridge is committed to prioritizing projects that address emerging climate challenges. Over the next five years, the Borough will expand mitigation strategies through initiatives such as updated flood mapping and the adoption of advanced emergency alert systems. These efforts reaffirm Wood-Ridge's dedication to protecting residents and fostering sustainable growth in the face of evolving environmental hazards.	1	6	0	4
Wyckoff Township	Since 2021 the Wyckoff Office of Emergency Management has worked diligently to mitigate all issues that have a history of recurrence. This included flooding along the Goffle Brook and Route 208, as well as power outages from fallen tree branches. We have not only fortified floodways to prevent further land erosion, but we have also invested in a pump truck that can clean/clear clogged storm sewers. Many of the low hanging branches near power lines have also been trimmed to prevent them from disrupting the power services. Over the next 5 years the Wyckoff Office of Emergency Management will continue to look at problems that have occurred in the past and address them in a timely fashion.	0	3	0	1

For mitigation actions for Special Districts, refer to **Appendices Vol. I – Jurisdictional Information 71. Special Districts.**

For mitigation actions for Bergen County, to **Appendices Vol. I – Jurisdictional Information 72. Bergen County.**