

ANNEX 26: TOWNSHIP OF MENDHAM

1 COMMUNITY CAPABILITIES ASSESSMENT

Table 1 through Table 6 summarizes the different community capabilities and tools that are available to the community to potentially assist in mitigating the impacts of hazards.

1.1 PLANNING, LEGAL AND REGULATORY CAPABILITIES

The table below summarizes the legal and regulatory tools that are available to the Township of Mendham and where hazard mitigation has been integrated.

Table 1: Planning, Legal and Regulatory Capability

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Has the HMP been integrated in the last 5 years ? If yes- how?	
				If yes-how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Codes, Ordinances, & Requirements					
Building Code	Yes	State & Local	Yes	-	-
Comment: Updated by the Building Dept. State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.) Chapter 127 adopted by the Township Committee of the Township of Mendham by Ord. No. 13-1976 (Sec. 25-1 of the 1998 Revised General Ordinances). The Township of Mendham a State Uniform Construction Code Enforcing Agency to be known as the Township Building Department, consisting of a Construction Official, Building Subcode Official, Plumbing Subcode Official, Electrical Subcode Official, Fire Protection Subcode Official and such other subcode officials for such additional subcodes as may be promulgated under the Act. The Construction Official shall be the Chief Administrator of the enforcing agency.					
Zoning Code	Yes	Local	Yes, if have planning board	-	-
Comment: Per Ch 10-38 there shall be a Zoning Board of Adjustment established as provided in the land development ordinances. Added 4-12-1999 by Ord. No. 7-1999. Updated by Planning Board; Board of Adjustment. Per State of NJ Municipal Land Use Law (MLUL) L. 1975, s. 2, eff Aug 1, 1976, 40-55D-62: 49. Power to zone, requires all jurisdictions to have current zoning and other land development ordinances after the planning board has adopted the land use element and master plan.					
Subdivisions	Yes	Local	Yes, if have planning board	Yes	-
Comment: Updated by Planning Board; Board of Adjustment in accordance with zoning and hazard mapping.					
Stormwater Management	Yes	Federal, State, Local	Yes	Yes	-
Comment: Title 7 of the NJ Administrative Code (N.J.A.C. 7:8); Updated by Township engineer. Chapter 297. In conformance with DEP regulations and to support water quality.					
Post-Disaster Recovery	No	Local	No	-	-
Comment:					
Real Estate Disclosure	Yes	State	Yes	-	-

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				If yes-how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Comment: N.J.A.C. 13:45A-29.1; Before signing a contract of sale, all purchasers must receive a New Jersey Public Offering Statement (POS) approved by the New Jersey Real Estate Commission. The POS provides information such as proximity to hospitals, schools, fire and police, as well as any hazards, risks or nuisances in or around the subdivision.					
Growth Management	Yes		Yes, if have planning board	-	-
Comment: Zoning map. State Mandated on a municipal level. See Zoning Ordinance; Also - Plan Endorsement Process via the State Development & Redevelopment Plan provides for the delineation of Growth Areas and Environs; Use of the endorsed plans in the implementation of state environmental regulations makes the Plan Endorsement process a growth management strategy.					
Site Plan Review	Yes	Local	Yes, if have planning board	-	-
Comment: Updated by Planning Board; Board of Adjustment					
Environmental Protection	No		Yes	-	-
Comment: The rules that are utilized by the NJDEP and other environmental agencies are codified at Title 7 of the NJ Municipal Administrative Code; Chapter 10-41 of municipal code authorizes environmental commission; Chapter 10-45 authorizes the Open Space Commission; Chapter 213 addresses littering					
Flood Damage Prevention	Yes		No	N/A	-
Comment: Planning board as FPA. Engineer has authority to act as FPA by RESOLUTION 2015-5. Township to update Flood Damage Prevention Ordinance to appoint engineer as PPA.					
Wellhead Protection	No		No	N/A	-
Comment:					
Emergency Management	No		Yes	N/A	-
Comment: Per Chapter 10-44 there shall be an Office of Emergency Management pursuant to N.J.S.A. App. A:9-41, and a Director thereof. The Police Department and all departments of the Township government shall cooperate with and assist the office as required.					
Climate Change	No		No	-	-
Comment:					
Disaster Recovery Ordinance	No		No	-	-
Comment:					
Disaster Reconstruction Ordinance	No		No	-	-
Comment:					
Planning Documents					

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				If yes-how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Comprehensive / Master Plan	Yes	Local	Municipal: Yes/No County: Yes	Yes	2020-Mendham Township-0015
Comment: This plan was adopted on November 13, 2000, and amended/added to it on the following dates: November 1, 2001, April 1, 2002, June 15, 2005, February 6, 2006, and June 2, 2008. Township is currently updating the Master Plan and will include a reference to the HMP and Hazard Maps. Per NJSA: Yes, if planning board (40:55D-28) and must be re-examined every ten years (40:55D-89.1); Updated by Planning Board. Adopted Nov. 2000-2002. Reevaluation 2018. The Township's Master Plan was written in 2000, amended and re-examined in 2018. Open space and recreational areas are identified in the plan as well as their relationship to preservation of water quality. The relationship between low density development and steep slope development, woodland preservation is indicated. The re-zoning recommended by the 2000 Master Plan implemented the long term goals of protecting the high quality water resources and supporting a low density development pattern.					
Capital Improvement Plan	Yes	Local	Allowed	-	-
Comment: Updated annually. Per NJSA 40:55D-29 the governing body is authorized to direct the planning board to prepare a CIP with at least a six year planning horizon.					
Disaster Debris Management Plan	No		No	-	-
Comment:					
Floodplain or Watershed Plan	No		No	-	-
Comment: Updated 2015					
Stormwater Management Plan	Yes	Local	Yes	-	-
Comment: Stormwater management supported by French & Parrello Associates. Per NJDEP Storm Water Management Rule (N.J.A.C. 7:8, et seq.). The Municipal Stormwater Regulation Program was developed in response to the U. S. Environmental Protection Agency's (USEPA) Phase II rules published in December 1999. The Department issued final stormwater rules on February 2, 2004 and four (4) NJPDES general permits authorizing stormwater discharges from Tier A and Tier B municipalities, as well as public complexes, and highway agencies that discharge stormwater from municipal separate storm sewers (MS4s).					
Stormwater Pollution Prevention Plan	Yes		Yes	-	-
Comment: On website. 2019. This Municipal Stormwater Management Plan (MSWMP) documents the strategy for Mendham Township to address stormwater-related impacts. The creation of this plan is required by N.J.A.C. 7:14A-25 Municipal Stormwater Regulations. It contains all of the required elements described in N.J.A.C. 7:8 - Stormwater Management Rules. The plan addresses groundwater recharge, stormwater quantity, and stormwater quality impacts by incorporating stormwater design and performance standards for new major development, defined as projects that disturb one or more acre of land. Per NJDEP Storm Water Management Rule (N.J.A.C. 7:8, et seq.). The Municipal Stormwater Regulation Program was developed in response to the U. S. Environmental Protection Agency's (USEPA) Phase II rules published in December 1999. The Department issued final stormwater rules on February 2, 2004, and four (4) NJPDES general permits authorizing stormwater					

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	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Has the HMP been integrated in the last 5 years ? If yes- how?	
				If yes-how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
discharges from Tier A and Tier B municipalities, as well as public complexes, and highway agencies that discharge storm-water from municipal separate storm sewers (MS4s).					
Urban Water Management Plan	No		No	-	-
Comment:					
Habitat Conservation Plan	No		No	-	-
Comment:					
Economic Development Plan	No		No	-	-
Comment: Per NJSA 40:55D-28b. (9) There can be a generic Economic Development Element of the County Comprehensive Plan. Municipality can establish Economic Development Commission that can facilitate incentive programs (façade programs, low-interest loans, etc.).					
Shoreline Management Plan	No		No	-	-
Comment:					
Community Wildfire Protection Plan	No		No	-	-
Comment:					
Community Forest Management Plan	No		No	-	-
Comment:					
Transportation Plan	No		No	-	-
Comment:					
Agriculture Plan	No		No	-	-
Comment:					
Climate Action Plan	No		No	-	-
Comment:					
Tourism Plan	No		No	-	-
Comment:					
Business Development Plan	No		No	-	-
Comment:					
Other: Open Space Plan	Yes	Local	No	-	-
Comment: Included in Conservation Plan. Updated by Environmental Commission. Open Space Trust Committee added by Ord. No. 10-199.8. The Open Space Trust Committee shall recommend the acquisition of specified lands in fee, the acquisition of specified easements and/or the acquisition of development rights to specified lands. The Committee shall prioritize the acquisitions recommended. The Township Committee shall determine which properties, easements or development					

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				If yes-how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
rights should be acquired and shall determine the amount of funds that the Committee shall make available for the recommended acquisition. After selection of the lands, easements or development rights as hereinabove provided, the Township may proceed to acquire by gift, purchase or by eminent domain proceedings pursuant to N.J.S.A. 20:3-1 et seq., the identified lands, easements or development rights within the financial constraints established by the Township Committee.					
Other: Environmental Resource Inventory	Yes	Local	Yes	-	-
Comment: Updated by Environmental Commission prepared 11/2013. This includes referenced to and regulations regarding mapped floodplains.					
Other: Conservation Plan					
Comment: Mendham Township's Conservation Element was drafted by the Environmental Commission in 2001 for the comprehensive revision of the Master Plan adopted by the Planning Board on November 13, 2000. This element is particularly important because the new Master Plan puts special emphasis on the protection of the high-quality natural resources of the Township, in particular the quality and quantity of water resources. Included are sections covering the major categories of natural resources found in the Township: Topography, Air, Surface Water, Groundwater, Wetlands, Wildlife and Vegetation, and Open Space.					
Response/Recovery Planning					
Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)	Yes		EOP= Yes	-	-
Comment: Currently in the process of being updated, with completion expected in Summer 2025.					
Threat & Hazard Identification & Risk Assessment (THIRA)	No		No	-	-
Comment:					
Post-Disaster Recovery Plan	No		No	-	-
Comment:					
Continuity of Operations Plan	No		No	-	-
Comment: In the EOP.					
Public Health Plan	No		-	-	-
Comment:					
Other	No		-	-	-
Comment:					

Table 2: Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes Engineer, Planning and Zoning Boards
Does your jurisdiction have the ability to track permits by hazard area?	No
Does your jurisdiction have a buildable lands inventory? -If yes, please describe briefly. -If no, please quantitatively describe the level of buildout in the jurisdiction.	No

1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

The table below summarizes potential staff and personnel resources available to the Township of Mendham.

Table 3: Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board plus a Board of Adjustment
Mitigation Planning Committee	No	-
Environmental Board / Commission	Yes	Environmental Commission
Open Space Board / Committee	No	-
Economic Development Commission / Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	RAVE
Maintenance program to reduce risk	Yes	Capital Program; DPW projects
Mutual aid agreements	Yes	fire, EMS, police
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Consultant Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Consultant Engineer
Planners or engineers with an understanding of natural hazards	Yes	Consultant Engineer
Staff with training in benefit/cost analysis	No	-
Staff with training in green infrastructure	No	-
Staff with education/knowledge/training in low impact development	Yes	Consultant Engineer
Surveyor	Yes	Consultant Engineer
Stormwater engineer	Yes	Consultant Engineer
Personnel skilled or trained in GIS applications	Yes	Consultant Engineer
Local or state water quality professional	Yes	Consultant Engineer
Scientist familiar with natural hazards in local area	Yes	Consultant Engineer
Emergency manager	Yes	OEM
Watershed planner	Yes	Raritan River Coalition

Staff/Personnel Resource	Available?	Department/Agency/Position
Environmental specialist	Yes	Consultant Engineer
Grant writers	Yes	OEM, various staff
Resilience Officer	No	-
Other	-	

1.3 FISCAL CAPABILITIES

The table below summarizes financial resources available to the Township of Mendham.

Table 4: Fiscal Capabilities

Financial Resource	Accessible or Eligible to Use?
Community Development Block Grants (CDBG, CDBG-DR)	No
Capital Improvements Project Funding	Yes, through municipal budget
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Sewer
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State-Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	No
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other	Yes

1.4 EDUCATION AND OUTREACH CAPABILITIES

The table below summarizes the education and outreach resources available to the Township of Mendham.

Table 5: Education and Outreach Capabilities

Criterion	Response
Do you have a public information officer or communications office?	Yes
Do you have personnel skilled or trained in website development?	Yes
Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes
Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> If yes, briefly describe. 	http://www.mendhamtownship.org/
Do you have any citizen boards or commissions that address issues related to hazard mitigation? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes
Do you have any other programs already in place that could be used to communicate hazard-related information? <ul style="list-style-type: none"> If yes, briefly describe. 	Facebook, Instagram, Twitter
Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes

1.5 COMMUNITY CLASSIFICATIONS

The table below summarizes the classifications for community programs available to the Township of Mendham.

Table 6: Community Classifications

Program	Participating?	Classification	Date Classified
Community Rating System	No		
Building Code Effectiveness Grading Schedule (BCEGS)	No		
Public Protection (Fire ISO Protection Class)	Yes	3 and 3Y	2019
Storm Ready Certification	No		
Firewise Community Classification	No		
Sustainable Jersey			

1.6 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain.

Table 7: National Flood Insurance Program Compliance

Criterion	Response
What local department is responsible for floodplain management?	Flood Damage Prevention Ordinance notes Planning Board as the appointed floodplain administrator, the Township has authorized its engineer to act as floodplain administrator.
Who is your floodplain administrator? (name, department/position)	Township Engineer-Denis Keenan
Are any certified floodplain managers on staff in your jurisdiction?	Yes, Engineering Consultant
What is the date that your flood damage prevention ordinance was last amended?	This date is not noted on the ordinance but may coincide with the flood map adoption date of 10/2/97
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Meets
When was the most recent Community Assistance Visit or Community Assistance Contact?	N/a
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state what they are. 	None
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what they are. 	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If no, state why. 	n/a
Does your floodplain management staff need any assistance or training to support its floodplain management program?	Yes
<input checked="" type="checkbox"/> If so, what type of assistance/training is needed?	Clyde Potts Dam - Dam Break Analysis
Does your jurisdiction participate in the Community Rating System (CRS)?	No

Criterion	Response
<ul style="list-style-type: none"> If yes, is your jurisdiction interested in improving its CRS Classification? If no, is your jurisdiction interested in joining the CRS program? 	
How many flood insurance policies are in force in your jurisdiction? <ul style="list-style-type: none"> What is the insurance in force? What is the premium in force? 	25 \$28,482
How many total loss claims have been filed in your jurisdiction? <ul style="list-style-type: none"> How many claims are still open or were closed without payment? What were the total payments for losses? 	Yes 9 closed without payment \$179,747.84
Do you maintain a list of properties that have been damaged by flooding?	CFM certification
Do you maintain a list of property owners interested in flood mitigation?	No

2 HAZARD ANALYSIS AND RISK ASSESSMENT

2.1 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Township of Mendham that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Township of Mendham has significant exposure. Refer to Figure 1 and Figure 2.

2.2 REPETITIVE FLOOD LOSSES

The following summarizes the repetitive and severe repetitive flood losses in the Township of Mendham.

- Number of repetitive loss (RL) properties: 2
- Number of severe repetitive loss (SRL) properties: 0
- Number of RL/SRL properties that have been mitigated: 0

2.3 CRITICAL FACILITIES

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain.

Table 8: Potential Flood Losses to Critical Facilities and Lifelines

Name	Type	1% Event	0.2% Event
Township of Mendham Police Department*	Police	x	
Southeast Morris Co MUA Clyde Potts WTP*	Potable Water		x
Ledells’s Dam	Dam	x	x
Mendham Township First Aid Squad*	Emergency	x	

*Identified lifeline

2.4 HAZARD RANKING

This section includes the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 3 (Risk Assessment). The Township of Mendham has reviewed the Morris County hazard ranking table, as well as its individual results, to reflect the relative risk of the hazards of concern to the community.

Table 9: Township of Mendham Hazard Ranking Input

Hazard	Ranking	Hazard	Ranking
Drought	Medium	Hazardous Substances	Low
Earthquake	Medium	Severe Weather	High
Extreme Temperature	Medium	Severe Winter Storm	High
Flood	High	Wildfire	Low
Geological Hazards	Low		

2.5 COMPLETED ACTIONS

The Township of Mendham reported the following completed actions.

2020 Action	Mitigation Action Name	Project Description	Project Results
2020-Mendham Township-001	Township of Mendham Police Department flood prevention	Police headquarters experiences frequent flooding, inundating the basement and causing equipment and records damage. Relocate the police headquarters from the current location as the structure is subject to frequent flooding and causes inadequate space due to the limitations caused by the flooding.	Built a new Police Station that was completed in 2022. However, this structure (3 Cherry Lane Brookside) is now being used by other Township departments and still remains in a flood zone. On Friday, July 15, 2023, the basement and first floor of this structure was flooded and ServPro was called out during the weekend to decontaminate the building.
2020-Mendham Township-003	Generator – Municipal Building (Cooling/Warming Center)	The municipal building which serves as a warming/cooling center for the vulnerable population does not have back-up power. Continuity of operations as well as critical services for the town and vulnerable populations are at high risk of interruption. The Town Engineer will research the required generator capacity necessary to supply backup power the building. The town will purchase and installation of a generator capable of running the municipal building during an extreme temperatures event as well as during periods of power interruption.	Generator has been purchased and delivered. Generator powers new police station and Town hall.
2020-Mendham Township-012	Master Plan Update	The Hazard Mitigation plan is not integrated into the Township Master Plan. Township is currently updating the Master Plan and will	It was updated in 2021, but our Planning Board and Township can update it at any time. The plan will be updated in 2025/2026.

2020 Action	Mitigation Action Name	Project Description	Project Results
		include a reference to the HMP and Hazard Maps	

2.6 CANCELLED ACTIONS

Township of Mendham reported no cancelled actions.

2.7 HAZARD MITIGATION STRATEGY

2.7.1 BACKGROUND INFORMATION

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Provided Not Started In Progress
1	Mendham Township	Generator for Elementary school	There is no backup power for the Mendham Township Elementary School, which is a critical facility.	The Town Engineer will research the required generator capacity necessary to supply backup power the building. The town will purchase and installation of a generator capable of running the facility during periods of power interruption.	Yes	Not Started

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Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Provided Not Started In Progress
2	Mendham Township	Ash Tree Mitigation Project	Ash trees along hiking trails and township roadways are susceptible to Emerald Ash Borers. Mendham Township has a large amount of ash trees on township property. As a result of Emerald Ash Borer infestation and the proliferation of diseased and dying ash trees, pedestrians, hikers, and motorists are at risk for injury. Dead trees also present an increased risk for fire conflagration.	Develop a community forestry management plan to determine the locations of trees that would be dangerous to people and motorists. The Township is actively managing the impact of the Emerald Ash Borer and Yellow Ash Disease, which have significantly affected ash trees in the area. The township has removed over 250 dead ash trees from public spaces like hiking trails and recreation areas, with a focus on hazardous trees. A forester identified 298 trees for removal, and the township allocated \$150,000 for this effort. This effort took place in 2024.	Yes	In Progress
3	Mendham Township	Repetitive Loss Property Program	Many properties in the Township experience damages due to flooding, as well as mitigated any water quality issues.	Facilitate contact with residents to determine issues and provide options to address issues. Conduct outreach to flood-prone property owners, including RL/SRL property owners and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and	Yes	In Progress

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Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Provided Not Started In Progress
				BCA to obtain funding to implement acquisition, relocating, or elevating residential homes in the flood prone areas.		
4	Mendham Township	Pleasant Valley Road bank stabilization	There are ongoing erosion issues along the bank of the Lake Therese drainage system.	Stabilize the bank of the Lake Therese drainage into the South Raritan River along Pleasant Valley Road. Develop plan and engineering report.	Yes	Not Started
5	Mendham Township	Stream Mitigation Project	Fallen trees obstruct the flow of water in the river	Develop River Tree Maintenance Plan for preventive maintenance on trees along the river, including private properties.	Yes	In Progress
6	Mendham Township	Retention Basin Improvement/capacity upgrade (25).	Retention basin capacity is inadequate causing flooding to adjacent properties.	Identifying adjacent properties. Identifying ownership and impact. Identify which basis to be addressed.	Yes	In Progress
7	Mendham Township	Re-size six underground cistern fire hydrants.	Existing street-fed cisterns are undersized for complete coverage of Town	Locations for additional cisterns to be established. Install sealed units and locate cisterns for complete coverage of Township.	Yes	

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Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Provided Not Started In Progress
8	Mendham Township	Stream Bank stabilization Mosle Road.	Current development needs to address need for drainage improvements.	Ascertain impact against drainage improvements. Work is in progress.	Yes	In Progress
9	Mendham Township	All-Hazards Public Education and Outreach Program	Township sees a need to educate public on the impacts and mitigation methods for hazards of concern.	Develop all-hazards public education and outreach program for hazard mitigation and preparedness. Local OEM to draft outreach program.	Yes	In Progress
10	Mendham Township	Roxiticus Road property protection (storm water management).	Property runoff creates local flooding conditions	Engineering study, design and implementation of a stormwater conveyance system or road realignment.	Yes	In Progress
11	Mendham Township	Dam status of Ledell's Dam and Brookrace Dam. Ascertain if updated EAP exists and impact of drainage improvements against dam evaluation	There is potential for catastrophic failure of dams with potential life safety and structure damage.	Engineering study to determine if updated EAP exists and to ascertain the impact of drainage improvements.	Yes	In Progress
12	Mendham Township	Clyde Potts Dam Spillway Improvement	Visible cracks observed in the dam spillway. Structural damage may result in flooding. Residential areas downstream of dam may get flooded.	NJDEP Dam Safety Division has been currently engaged in a regional study for design flood analysis. Based on the results of the study, site specific study will be performed for the Clyde Potts Dam. The site specific study may require	Yes	In Progress

Ac-tion	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a con-tinuing action from 2020 plan? Yes/No	2024 Project Status Provided Not Started In Progress
				the size of the spillway to be evalu-ated and upgraded. The spillway design work is anticipated to be performed within 4 to 5 years.		

2.7.2 IMPLEMENTATION INFORMATION

	What is the main hazard from the 2025 update that the action miti-gates?	List any addi-tional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the ac-tion addresses?	List any addi-tional goals that the action ad-dresses	What agencies will lead the im-plementation of this action?	What agencies will support the implementation of this action?	What are poten-tial sources of funding that can support this miti-gation action?	What benefits does this action provide?
1	Severe Winter Weather	Severe Weather	Goal 1	NA	<u>School District</u>	School District	FEMA HMGP and PDM, USDA Com-munity Facilities Grant Program,	Medium

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	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
							Emergency Management Performance Grants (EMPG) Program, Municipal Budget	
2	Wildfire	none	Goal 3	Goal 1	<u>Township Administrator</u>	Morris County	NJUCF, federal funding, local match, Operating budget	Medium
3	Flood	N/A	Goal 5	Goal 1	<u>NFIP Floodplain Administrator, supported by homeowners</u>	FEMA, Morris County, NJDEP	FEMA HMGP and FMA, local cost share by residents or Morris County Flood Mitigation	High

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	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
							Program or NJDEP Green Acres	
4	Flood	N/A	Goal 1	N/A	<u>Town Engineer, DPW</u>	N/A	Highlands Regional Master Plan (RMP) grant funding, NJDEP funding, FEMA HMA, Local Operating Budget	Low
5	Flood	N/A	Goal 1	Goal 4	<u>Town Administrator, Town DPW</u>	N/A	Operating budget	low
6	Flood	N/A	Goal 1	N/A	<u>Town Administrator, Town Engineer</u>	DPW	Operating budget	low

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	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
7	Wildfire	N/A	Goal 1	N/A	<u>Town Administrator, Town Engineer</u>	N/A	Operating budget	low
8	Flood	N/A	Goal 1	N/A	<u>Town Administrator, Town Engineer</u>	N/A	Operating budget	low
9	All Hazards	N/A	Goal 2	N/A	<u>Town Administrator, Mendham Twp School Board</u>	N/A	Operating budget, HMA funding	Medium
10	Flood	N/A	Goal 1	N/A	<u>Township Engineer</u>	N/A	Capital Budget	Medium
11	Flood	N/A	Goal 4	N/A	<u>Township Engineer</u>	N/A	Operating Budget	Medium
12	Flood	N/A	Goal 1	N/A	<u>SMCMUA, Township Engineer</u>	N/A	HHPD	High

2.7.3 STRATEGY RANKING AND PRIORITIZATION

	What is the estimated cost of this action?	What is the estimated timeline for this action to be implemented?	Potential for Lives Saved 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Property Damages 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Response Actions 1 - Little Potential 2 - Some Potential 3 - Major Potential	Benefits Exceed Costs 0 - BCA equal 2 - Minor Exceedence 3 - Major Exceedence	Community Action Priority Ranking 1 - Low Priority 2 - Medium Priority 3 - High Priority	Total	Action Priority
1	\$50k-250k	1-3 years	2	1	1	2	2	8	Low
2	\$50k-250k	1-3 years	2	2	3	2	2	11	Medium
3	Over \$1M	3-5 years	1	3	2	2	2	10	Medium
4	\$750k-\$1M	3-5 years	1	3	2	2	2	10	Medium
5	\$250k-\$500k	3-5 years	1	3	2	2	2	10	Medium
6	\$750k-\$1M	3-5 years	1	3	2	2	2	10	Medium
7	\$250k-\$500k	3-5 years	1	3	2	2	2	10	Medium
8	Under \$50k	3-5 years	1	3	1	2	2	9	Medium
9	Under \$50k	3-5 years	3	2	1	2	2	10	Medium
10	\$250k-\$500k	3-5 years	1	3	2	2	2	10	
11	Under \$50k	3-5 years	1	1	1	1	3	7	Low

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	What is the estimated cost of this action?	What is the estimated timeline for this action to be implemented?	Potential for Lives Saved 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Property Damages 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Response Actions 1 - Little Potential 2 - Some Potential 3 - Major Potential	Benefits Exceed Costs 0 - BCA equal 2 - Minor Exceedence 3 - Major Exceedence	Community Action Priority Ranking 1 - Low Priority 2 - Medium Priority 3 - High Priority	Total	Action Priority
12	\$500k-\$750k	3-5 years	2	3	3	2	2	12	Medium

Figure 1: Township of Mendham Hazard Area Extent and Location Map 1

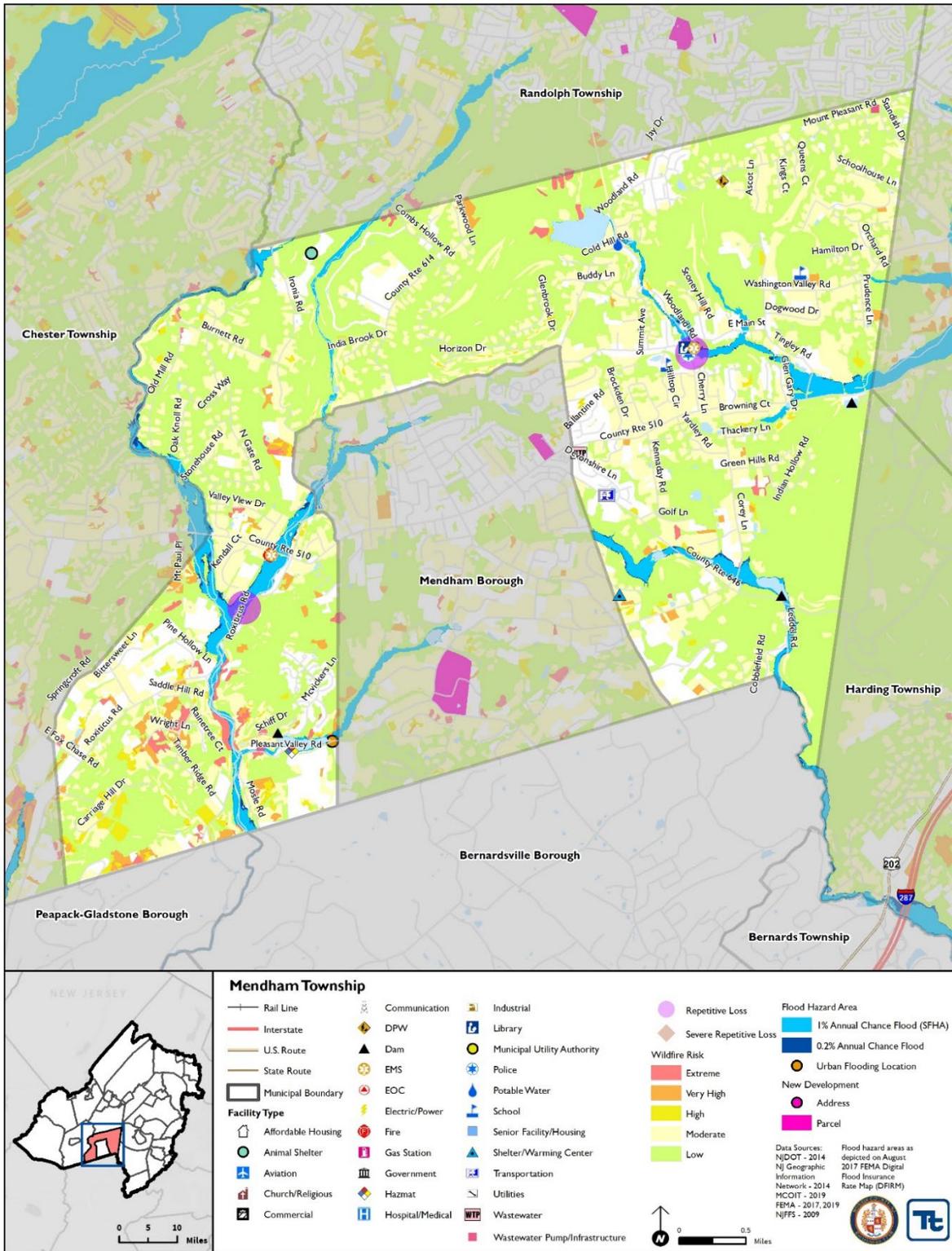


Figure 2: Township of Mendham Hazard Area Extent and Location Map 2

