

ANNEX 24: TOWNSHIP OF JEFFERSON

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 Jefferson 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: State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.)					
Zoning Code	Yes	Local, Zoning Off	Yes	Yes	-
Comment: Chapter 490 (Zoning) adopted by the Township Council on 7/10/1996 and amended where applicable. The Zoning Ordinance is adopted pursuant to the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq. The purpose of this code is to encourage municipal action to guide the appropriate use or development of all lands in the Township, in a manner which will promote the public health, safety, morals and general welfare. The Township has several zoning districts that include overlays and regulation zones.					
Subdivisions	Yes	Local, Planning Board	Yes	Yes	-
Comment: Chapter 435 (Subdivision of Land) – adopted by Township Council on 6/15/1959 and amended where applicable. The purpose of this code is to provide rules, regulations and standards to guide land subdivision in Jefferson Township in order to promote the public health, safety, convenience and general welfare of the municipality. It shall be administered to ensure the orderly growth and development, the conservation, protection and proper use of land and adequate provision for circulation, utilities and services.					
Stormwater Management	Yes	Federal, State, Local, Construction Official	Yes	Yes	-
Comment: Chapter 439 (Surface Water Management) – adopted by Township Council on 6/5/1991 and amended where applicable. The purpose of the chapter is to establish minimum stormwater management requirements and controls for major development. Flood control, groundwater recharge, and pollutant reduction through nonstructural or low-impact techniques shall be explored before relying on structural BMPs. Structural BMPs should be integrated with nonstructural stormwater management strategies and proper maintenance plans.					
Post-Disaster Recovery	No	-	-	-	-

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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 #.
Comment:					
Real Estate Disclosure	Yes	State, Division of Consumer Affairs	Yes	Yes	-
Comment: N.J.A.C. 13:45A-29.1					
Growth Management	Yes	Local & State, Planning Bd	Yes	-	-
Comment: Art XI Highlands Conformance Guide					
Site Plan Review	Yes	Local & State, Planning Bd	Yes	Yes	-
Comment:					
<ul style="list-style-type: none"> 490-58 Highlands Area Exemption; the Land Use Board is involved in reviewing major subdivisions and site plans and finalizing the land use regulations that will support the zoning ordinances of the community. Subdivision review is required whenever any lot, tract or parcel of land is divided into two or more lots, tracts, and parcels. Site plan reviews are required when someone proposes development for anything other than an individual lot application for detached one or two dwelling units. Chapter 490 (Zoning) - Prior to the issuance of a permit for any development, other than those exemptions listed herein, and as a condition for the issuance of any such permit for development, a site plan of the proposed development must be submitted to and approved by the Land Use Board, in accordance with the requirements of the site plan regulations. All single- and two-family dwellings and their permitted accessory structures shall be exempt from site plan review. 					
Environmental Protection	No	-	-	-	-
Comment:					
Flood Damage Prevention	Yes	Federal, State, Local, Construction Official	Yes	Yes	-
Comment: Chapter 262 (Flood Damage Prevention) – adopted by the Township Council on 9/7/1983 and amended where applicable. The purpose of this chapter is to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions. The Township requires a development permit before construction or development begins within any SFHA. The Construction Official administers and implements the flood damage prevention chapter and grants or denies development permit applications. Any residential construction (new or substantial improvements) for structures in the floodplain must have the lowest floor elevated to or above the base flood elevation. Any non-residential construction (new or substantial improvement) must have their lowest floor elevated to the level of the base flood.					
Wellhead Protection	No	-	-	-	-
Comment:					
Emergency Management	No	-	-	-	-
Comment:					

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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 #.
Climate Change	No	-	-	-	-
Comment:					
Disaster Recovery Ordinance	No	-	-	-	-
Comment:					
Disaster Reconstruction Ordinance	No	-	-	-	-
Comment:					
Other	No	-	-	-	-
Comment:					
Planning Documents					
Comprehensive / Master Plan	Yes	Local, Plan Board	Yes	Yes	-
Comment: Main Plan 1978, Updated 2014; reexamined in 2019. The Master Plan is a comprehensive, long-range plan intended to guide the growth and development of a community. It contains elements that provide for: Community Facilities; Future Economic Development; Housing; Land Use; Open Space; Recreation; and Transportation. A primary element of the Master Plan is the Land Use Plan. This element serves as the basis for development of the Township's zoning ordinances, a set of local regulations that provides for controls on how the land in Jefferson is developed, occupied or utilized. The Land Use Plan is also implemented through a zoning map of zone categories as recommended in the Land Use Plan. Some areas in the Township have been upgraded in zoning protections due to extensive wetlands, environmental issues and/or lack of sewer service in area.					
Capital Improvement Plan	Yes	Local, Administration	No	-	-
Comment: Capital improvement funds are included in the annual budget. The 2020 budget included line items for road improvements and project engineering. It also includes improvements to the water and sewer utilities.					
Disaster Debris Management Plan	No	-	-	-	-
Comment: While the Township does not have a formal written plan, the Township does have NJDEP approval to use certain areas to hold debris.					
Floodplain or Watershed Plan	Yes	Local, County, Township Engineer	No	Yes	-
Comment: Part of Open Space Recreation Plan (April 2001) – several goals of this plan include preserving and enhancing environmentally sensitive areas such as steep slopes, stream corridors, and woodlands from development and ensure compliance with Stat restrictions pertaining to wetlands, wetland transitional buffer areas, and floodplains.					
Stormwater Management Plan	Yes	Local, Township Engineer, DPW	Yes	-	-
Comment: Chapter 439, Jefferson Township Stormwater Management Plan, March 2006					

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				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Stormwater Pollution Prevention Plan	Yes	Federal, State, Local, Construction Official	Yes	-	-
Comment: Part of the Stormwater Management Plan					
Urban Water Management Plan	No	-	-	-	-
Comment:					
Habitat Conservation Plan	No	-	-	-	-
Comment:					
Economic Development Plan	Yes	Local, Mayor/Admin	No	-	-
Comment: Updated July 2014 – Planning Board and Town Council working together with Highlands Commission; incorporated with the Master Plan					
Shoreline Management Plan	No	-	-	-	-
Comment:					
Community Wildfire Protection Plan	No	-	-	-	-
Comment:					
Community Forest Management Plan	Yes		No	-	-
Comment:					
Transportation Plan	Yes	Local, BOE, Trans	No	-	-
Comment: EOP Updated 2012					
Agriculture Plan	No	-	-	-	-
Comment:					
Climate Action Plan	No	-	-	-	-
Comment:					
Tourism Plan	No	Local	No	-	-
Comment: Economic Development Commission is starting to become active again; will look into seeing how to get people back to the area					
Business Development Plan	Yes	Local	No	-	-
Comment: re-development plans; economic development commission					
Other	Yes	Local, County	No	-	-

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				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Comment:					
<ul style="list-style-type: none"> Open Space Plan, 2014 Open Space Inventory Stream Corridor Management Plan, Chapter 370 Riparian zones 					
Response/Recovery Planning					
Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)	Yes	Local, OEM	Yes	-	-
Comment: EOP updated 2012					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	-
Comment:					
Post-Disaster Recovery Plan	Yes	Local, OEM/Admin	No	-	-
Comment: EOP updated 2012					
Continuity of Operations Plan	Yes	Local, OEM/Admin	No	-	-
Comment: Part of the EOP					
Public Health Plan	Yes	Local	No	-	-
Comment: Public Health Department – shared serviced through Rockaway Twp					
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. Engineering Department can issue development permits; however, the Township does have New Jersey Highlands restrictions
Does your jurisdiction have the ability to track permits by hazard area?	No, but the Township has the capability to do so. They recently obtained Spatial Logic Data which will be available for the public on the municipal website.
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.	Yes - have the ability to map out land available for development

1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

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

Table 3: Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
Administrative Capability		
Planning Board	Yes	Land Use Board
Mitigation Planning Committee	Yes	OEM/Township Engineer/Admin/LEPC
Environmental Board / Commission	Yes	Environmental Commission
Open Space Board / Committee	Yes	Land Use Board
Economic Development Commission / Committee	Yes	Economic Development Advisory Board
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	County Rave System, fire sirens
Maintenance program to reduce risk	Yes	DPW
Mutual aid agreements	Yes	Surrounding municipalities, Morris County, UASI
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Planning/Zoning Bds/Council/Mayor
Engineers or professionals trained in building or infrastructure construction practices	Yes	Township Engineer/Building/Construction Officials
Planners or engineers with an understanding of natural hazards	Yes	Township Engineer/Building/Construction Officials
Staff with training in benefit/cost analysis	Yes	Township Engineer/Admin
Staff with training in green infrastructure	No	
Staff with education/knowledge/training in low impact development	No	
Surveyor	Yes	Township Engineer
Personnel skilled or trained in GIS applications	Yes	Township Engineer
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	OEM Coordinators
Watershed planner	No	
Environmental specialist	No	
Grant writers	Yes	Department Heads
Resilience Officer	Yes	Municipal Clerk
Other (Professionals trained in conduction damage assessments)	Yes	Township Engineer, DPW Superintendent, CFO

1.3 FISCAL CAPABILITIES

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

Table 4: Fiscal Capabilities

Financial Resource
Community Development Block Grants (CDBG, CDBG-DR)
Capital Improvements Project Funding
Authority to Levy Taxes for Specific Purposes
User Fees for Water, Sewer, Gas or Electric Service
Incur Debt through General Obligation Bonds
Incur Debt through Special Tax Bonds
Incur Debt through Private Activity Bonds
Withhold Public Expenditures in Hazard-Prone Areas
State-Sponsored Grant Programs
Development Impact Fees for Homebuyers or Developers
Clean Water Act 319 Grants (Nonpoint Source Pollution)
Other

1.4 EDUCATION AND OUTREACH CAPABILITIES

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

Table 5: Education and Outreach Capabilities

Criterion	Response
Do you have a public information officer or communications office?	Yes – PIO through the police department
Do you have personnel skilled or trained in website development?	Yes – municipal staff
Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes – the Township’s website was redesigned and provides news, information, contact information, and emergency alerts.
Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes – Facebook, Instagram and Twitter
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 – Open Space, Planning Board, Board of Adjustment, information group of the mayors of Lake Hopatcong meet quarterly to discuss HAB
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. 	Yes - Rave, municipal newsletter, tax bills, water bills, electronic message boards
Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes – the Township uses the RAVE Emergency Alerts system and encourages residents to sign up to receive community notifications and emergency alerts by phone, text, and/or email.

1.5 COMMUNITY CLASSIFICATIONS

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

Table 6: Community Classifications

Program	Participating?	Classification	Date Classified
Community Rating System	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	#4	2/23/2010
Public Protection (Fire ISO Protection Class)	Yes	5 and 8B	
Storm Ready Certification	No	-	-
Firewise Community Classification	No	-	-
Sustainable Jersey	No	-	-

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?	Building Department
Who is your floodplain administrator? (name, department/position)	Construction Official
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date that your flood damage prevention ordinance was last amended?	Adopted by Township Council on 9/7/1983 and amended on 2/16/2005
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Meets minimum
When was the most recent Community Assistance Visit or Community Assistance Contact?	July 24, 1991
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. 	No
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. 	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 	No
Does your jurisdiction participate in the Community Rating System (CRS)? <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? 	No
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? 	126 Policies. \$32,848,400 Insurance in-force. \$150,809 Premium in-force.
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? 	100 claims, 1 claim still open, 24 closed without payment. \$1,176,109 claim amount
Do you maintain a list of properties that have been damaged by flooding?	A formal list of flood-damaged properties and property owner’s interest in pursuing mitigation is not maintained by the Township

Criterion	Response
Do you maintain a list of property owners interested in flood mitigation?	Yes – but currently no property owners have expressed an interest in mitigation.

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 Jefferson 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 Jefferson 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 Jefferson.

- Number of repetitive loss (RL) properties: 10
- Number of severe repetitive loss (SRL) properties: 0
- Number of RL/SRL properties that have been mitigated: **All properties have been mitigated since Hurricane Sandy.**
 - The properties on Berkshire Valley Road were mitigated due to the reconstruction of the bridge over the Rockaway River and rechanneled the Rockaway River.
 - The property on Aldrin Road was mitigated after Hurricane Sandy when the homeowner made repairs to a retaining wall along the Rockaway River bed.
 - The properties along Venetian Drive and East Shawnee Trail have been mitigated when the Township increased the size of drainage pipes in this area which has led to a decrease in roadway flooding.
 - The property along Louisiana Avenue was mitigated by the homeowner when they made repairs to the retaining wall along Lake Hopatcong.

2.3 CRITICAL FACILITIES

There are no critical facilities in the community located in the 1-percent and 0.2-percent floodplain.

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 reviewed the results of the hazard ranking as shown below and confirmed the indicated ranking in agreement with the calculated results for all hazards.

Table 8: Township of Jefferson Hazard Ranking Input

Hazard	Ranking	Hazard	Ranking
Drought	Moderate	Hazardous Substances	High
Earthquake	Moderate	Severe Weather	High
Extreme Temperatures	Moderate	Severe Winter Storm	High
Flood	High	Wildfire	Moderate
Geological Hazards	Moderate		

2.5 COMPLETED ACTIONS

The Township of Jefferson reported the following completed actions.

2020 Action	Mitigation Action Name	Project Description	Project Results
2020-Jefferson-002	Laurel Drive Bridge	The Laurel Drive Bridge needs to be replaced. This section of the Township floods due backup of the existing drainage pipe. The Township will completely replace the existing drainage and bridge. The drainage pipes will go from two 12-inch pipes to two 24-inch pipes.	Project completed.

2.6 CANCELLED ACTIONS

The Township of Jefferson reported the following completed actions.

2020 Action	Mitigation Action Name	Project Description	Justification
2020-Jefferson-003	Upgrade Current 9-1-1 System	The Township's current 911 system is outdated and in need of upgrading. The existing Verizon telephone lines that support the 911 system needs to be upgraded to fiber optics. This will allow the current communication to work properly and provide continuity of operations.	Not a mitigation action.
2020-Jefferson-00	Upgrade Generators at Municipal Buildings	The Township's facilities have backup power; however, the generators are old and in need of upgrading. Working with the Township Engineer, determine which facilities need generator upgrades and what size generator is needed at each facility. Once identified, the Township will purchase the generators and associated equipment and install at each facility.	Generator is back ordered. No longer a priority.

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 Not Started In Progress
1	Jefferson Township	Canal Crossing Bridge	Canal Crossing Bridge on Three Rivers Drive is a wooden bridge that needs to be replaced. The bridge has been washed out multiple times and storms have undermined the bridge. Replacement will also allow Fire apparatus to access development via the bridge.	Replace entire bridge with a steel/concrete structure that is not as vulnerable to deterioration as the current bridge. A grant for bridge replacement has been awarded, but assistance is needed with the \$250,000 engineering fees.	Y	In Progress
2	Jefferson Township	Purchase portable trailer mounted generator	The Township does not have a portable generator that can be used during an emergency to serve as a source of power for one of our 13 Wastewater/Water Wells, in the event of a power outage. All have aging generators that have a replacement schedule, however they sometimes have breakdowns.	Purchase a portable trailer mounted generator and associated equipment to be used during a power outage for critical infrastructure. Loss of power can cause disruptions in municipal water and wastewater treatment. All emergency generators at critical infrastructures are on a replacement, however with the large number of locations, a 150KW back-up generator is necessary to keep locations operating.	Yes	In progress
3	Jefferson Township	Waterside Drive Drainage Project	Improving drainage and flooding conditions that occur in the area. Roadway will no longer need to be closed during major rain events	Allows rainwater to drain into redesigned drainage system, eliminating flooding in the area. This project would entail the rehabilitation and upgrade of the existing stormwater infrastructure	No	New

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Ac-tion	Jurisdiction	Mitigation Ac-tion 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 Not Started In Progress
4	Jefferson Township	Castle Rock - Sunset Trail Drainage Project	Improve drainage and erosion conditions that occur in the area. Stormwater floods the area causing flooding to the area properties. The roadway will also no longer need to be closed during major rain events.	Allows rainwater to drain into redesigned drainage system, eliminating flooding in the area. This project would entail improvements to the existing stormwater system in this area.	No	New
5	Jefferson Township	Forest Fire Reduction	Reduce threat of Forest Fire along Weldon Rd and Berkshire Valley Rd	Eliminate the threat caused by hazardous trees, including as debris and as fuel for fires. This project would involve the County and Municipality working together on a plan to address the trees down from Super Storm Sandy and standing dead tree from the Ash Bore. Costs of project would need to be determined by County and Municipality working together. Berkshire Valley Rd is a county road. Weldon Rd is a Township road, however much of it runs through the County Park.	No	New
6	Jefferson Township	Stonybrook Dr Drainage Project	Reduce flooding of properties from stormwater. Stormwater collects and floods surrounding neighborhood properties.	Allows rain water to drain into redesigned drainage system, eliminating flooding in the area. Storm drains flow to County drainage system along Berkshire Valley Rd. (County Rd). Opening and closing gate valve in system would allow stormwater to flow from area, however DEP won't allow valve to be opened in fear of draining swamp area upstream. Project needs to be a joint effort with Township/County/DEP	No	New

2.7.2 IMPLEMENTATION INFORMATION

	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?
1	Flood	N/A	Goal 1	N/A	<u>DPW and Engineer</u>	DPW, Engineer, County Bridge Dept	NJDOT Local Bridges, Future Needs Program; USDOT Infrastructure. County Municipal Budget	Protects life and safety, improves integrity of bridge, allows road and bridge to remain open to large vehicles
2	All Hazards	N/A	Goal 1	Goal 2	<u>Utilities Department</u>	DPW	Municipal Budget	Continuity of Operations
3	Flood	N/A	Goal 1	N/A	<u>Engineering</u>	DPW	Municipal Budget	Eliminates properties being flooded and road closures
4	Flood	N/A	Goal 1	N/A	<u>Engineering</u>	DPW	Municipal Budget	Eliminates properties being flooded and road closures
5	Wildfire	N/A	Goal 1	Goal 2, Goal 3	<u>County Shadetree Dept and Jefferson DPW</u>	Possibly outside tree companies	County and Municipal Budgets. State or Federal Funds to reduce climate change	Reduce fire possibilities and eliminate trees falling into roadway

	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?
6	Flood	N/A	Goal 1	N/A	<u>County/Township Engineers</u>	NJ State DEP	County/Municipal Budgets	Reduce flooding of properties

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	3	3	2	3	13	High
2	\$50k - \$250k	1-3 Years	2	3	3	3	3	14	High
3	\$750k - \$1M	1-3 Years	1	3	3	1	2	10	Medium
4	\$500k - \$750k	1-3 Years	1	3	3	1	2	10	Medium
5	\$500k - \$750k	Under 1 Year	3	2	3	3	3	14	High
6	Under \$50k	Under 1 Year	1	2	1	1	1	6	Low

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



