



9.11 TOWNSHIP OF HAMPTON

This section presents the jurisdictional annex for the Township of Hampton. The annex includes a general overview of the Township of Hampton; an assessment of the Township of Hampton’s risk, vulnerability, and mitigation capabilities; and a prioritized action plan to implement prior to a disaster to reduce future losses and achieve greater resilience to natural hazards.

9.11.1 Hazard Mitigation Planning Team

The Township of Hampton followed the planning process described in Section 2 (Planning Process). This annex was developed over the course of several months with input from many jurisdiction representatives. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization. The coronavirus pandemic resulted in a strain on local resources that limited some participation, but every effort was made to connect with staff and stakeholders and gain diverse input. Due to safety precautions, all meetings were held virtually. The following table summarizes who participated and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 2 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.11-1. Hazard Mitigation Planning Team

Primary Point of Contact		Alternate Point of Contact
Name / Title: Edward Hayes, Township Emergency Management Coordinator Address: 1 Rumsey Way, Newton, NJ 07860 Phone Number: (973) 592-2767 Email: biged5679@yahoo.com		Name / Title: Jessica M. Caruso, Administrator Address: 1 Rumsey Way, Newton, NJ 07860 Phone Number: (973) 383-5570 Email: administrator@hamptontwp-nj.org
NFIP Floodplain Administrator		
Name / Title: Harold E. Pellow, Township Engineer 17 Plains Road, August, NJ 07822 Phone Number: 973-948-6463 Email: hpellow@hpellow.com		
Name	Title	Method of Participation
Jessica Caruso	Township Administrator	Attended the kickoff meeting, risk assessment meeting and mitigation strategy workshop; provided data and information for annex development
Ed Hayes	OEM Coordinator	Attended the kickoff meeting, annex training, risk assessment meeting and mitigation strategy workshop; provided data and information for annex development
Daniel Bayles	CPWM	Contributed to annex development

9.11.2 Jurisdiction Profile

The Township of Hampton is located in northwestern Sussex County. It has a total area of approximately 25.3 square miles. The Township is bordered to the north by Frankford Township, to the south by Fredon Township and the Town of Newton, to the east by the Townships of Lafayette and Andover, and to the west by the Township of Stillwater. The following unincorporated communities are located within the Township: Crandon Lakes, Myrtle Grove, Balesville, Halsey, and Washingtonville. Numerous ponds and lakes are found throughout the Township. The Paulins Kill flows through the center of the Township. Other streams found in Hampton Township include Troys Brook, Clearview Creek, Swartswood Creek, and smaller tributaries of Paulins Kill.





According to the U.S. Census, the 2010 population for the Township of Hampton was 5,196. The estimated 2018 population was 4,916, a 5.3 percent decrease from the 2010 Census. Data from the 2017 U.S. Census American Community Survey indicate that 2.8 percent of the population is 5 years of age or younger and 19.4 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.11.3 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.10-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. The figures at the end of this annex illustrate the geographically-delineated hazard areas and the location of potential new development.

Table 9.11-2. Recent and Expected Future Development

Type of Development	2015		2016		2017		2018		2019	
Number of Building Permits for New Construction Issued Since the Previous HMP										
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single and Two-Family Units	0	0	1	0	4	0	1	0	3	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	0	0
Property or Development Name	Type of Development		# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development	
Recent Major Development and Infrastructure from 2015 to Present										
None identified.										
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years										
None anticipated.										

* Only location-specific hazard zones or vulnerabilities identified.
SFHA = Special Flood Hazard Area

9.11.4 Capability Assessment

Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The Township of Hampton performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. This section summarizes the following findings of the assessment for this jurisdiction:

- An assessment of legal and regulatory capabilities
- Development and permitting capabilities
- An assessment of fiscal capabilities
- An assessment of education and outreach capabilities
- Information on NFIP compliance
- Classification under various community mitigation programs
- The community’s adaptive capacity for the impacts of climate change





For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized below. The Township of Hampton identified specific integration activities that will be incorporated into municipal procedures; these actions are included in the updated mitigation strategy.

PLANNING, LEGAL AND REGULATORY CAPABILITY

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

Table 9.11-3. Planning, Legal and Regulatory Capability

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Have aspects of the HMP been integrated into your codes/ordinances/plans?	
				If yes-how? Describe in comments.	If no - add Mitigation Action #, if applicable.
Codes, Ordinances, & Requirements					
Building Code	Yes	State & Local	Yes	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> State mandated on local level under NJAC 5:23-3.14. <i>International Building Code – New Jersey Edition, 2018, NJAC 5:24-3.14 Adopted 9/3/2019</i> The Building Department is responsible for this code in compliance with State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.). 					
Zoning Code	Yes	Local	Yes – if municipality has a Planning Board	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> State permissive on local level. 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. The Planning Board is responsible for this code in compliance with Chapter 108 of Hampton Township Code. 					
Subdivisions	Yes	Local	Yes – if municipality has a Planning Board	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> P.L.1975, c.291 (C.40:55D-47): 40:55D-37. Grant of power; referral of proposed ordinance; county planning board approval a. The governing body may by ordinance require approval of subdivision plats by resolution of the planning board as a condition for the filing of such plats with the county recording officer and approval of site plans by resolution of the planning board as a condition for the issuance of a permit for any development, except that subdivision or individual lot applications for detached one or two dwelling-unit buildings shall be exempt from such site plan review and approval; provided that the resolution of the board of adjustment shall substitute for that of the planning board whenever the board of adjustment has jurisdiction over a subdivision or site plan pursuant to subsection 63b. of this act . Dictated by the Municipal Land Use Law. NJ Statute 40:27-6.2 - the board of freeholders of any county having a county planning board shall provide for the review of all subdivisions of land within the county by said county planning board and for the approval of those subdivisions affecting county road or drainage facilities as set forth and limited hereinafter in this section. The Planning Board is responsible for this ordinance in compliance with Chapter 85 of Hampton Township Code. 					
Stormwater Management	Yes	State & Local	Yes	No	--
<i>Comment:</i>					
<ul style="list-style-type: none"> See Title 7 of the NJ Administrative Code, N.J.A.C. 7:8 The Planning Board is responsible for this ordinance in compliance with Chapter 109. 					





	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Have aspects of the HMP been integrated into your codes/ordinances/plans?	
				If yes-how? Describe in comments.	If no - add Mitigation Action #, if applicable.
Post-Disaster Recovery	No	Local	No	-	-
<i>Comment:</i>					
Real Estate Disclosure	Yes	State, Division of Consumer Affairs	Yes	No	-
<i>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 estimated completion dates for improvements, fees for services and amenities, the type of title and ownership interest being offered, its proximity to hospitals, schools, fire and police, as well as any hazards, risks or nuisances in or around the subdivision.</i>					
Growth Management	Yes	Local	Yes – if municipality has a Planning Board	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> 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. The Planning Board is responsible for these ordinances in compliance with Chapter 108-53 of Hampton Twp. Code. 					
Site Plan Review	Yes	Local	Yes – if municipality has a Planning Board	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> Dictated by the Municipal Land Use Law which sets forth minimum requirements for plans, etc., timeframes for development review. NJ Statute 40:27-6.2: The board of freeholders of any county having a county planning board shall provide for the review of all subdivisions of land within the county by said county planning board and for the approval of those subdivisions affecting county road or drainage facilities as set forth and limited hereinafter in this section. 40:27-6.10 In order that county planning boards shall have a complete file of the planning and zoning ordinances of all municipalities in the county, each municipal clerk shall file with the county planning board a copy of the planning and zoning ordinances of the municipality in effect on the effective date of this act and shall notify the county planning board of the introduction of any revision or amendment of such an ordinance which affects lands adjoining county roads or other county lands, or lands lying within 200 feet of a municipal boundary, or proposed facilities or public lands shown on the county master plan or official county map. Such notice shall be given to the county planning board at least 10 days prior to the public hearing thereon by personal delivery or by certified mail of a copy of the official notice of the public hearing together with a copy of the proposed ordinance. The Planning Board is responsible for these requirements in compliance with Chapter 85 of Hampton Twp. Code. 					
Environmental Protection	No	Local	No	No	-
<i>Comment:</i>					
Flood Damage Prevention	Yes	Federal, State & Local	Yes	No	--
<i>Comment:</i>					
<ul style="list-style-type: none"> The NJ State Law Flood Area Control Act (N.J.S.A. 58:16A-52) and the National Flood Control Act of 1968 (NFIP) are state and federal acts to support minimization of flood losses. They do not require local adoption but as enforced by the NJDEP, the floodplain ordinances of each municipality must be reviewed for compliance with these regulations. In addition, participation in the NFIP requires a floodplain ordinance. Regulations for the Flood Control Hazards Act were adopted in 2007 and amended effective June 20, 2016. The Township Engineer is responsible for this ordinance in compliance with Chapter 62. 					
Wellhead Protection	No	State/Regional/Local	No	No	--
<i>Comment:</i>					
Emergency Management	Yes	County and Local	No	Yes	2021-HamptonTwp-006
<i>Comment:</i>					
Climate Change	No	Local	No	No	-
<i>Comment:</i>					



	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Have aspects of the HMP been integrated into your codes/ordinances/plans?	
				If yes-how? Describe in comments.	If no - add Mitigation Action #, if applicable.
Disaster Recovery Ordinance	No	Local	No	No	-
<i>Comment:</i>					
Disaster Reconstruction Ordinance	No	Local	No	No	-
<i>Comment:</i>					
Other: NFIP Freeboard	Yes	State & Local	No	No	--
<i>Comment:</i>					
<ul style="list-style-type: none"> The Township Engineer is responsible for this in compliance with N.J.A.C 7:13 – Flood Hazard Area Control Act. 					
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	Yes	Local	Yes	No	--
<i>Comment:</i> The Township is responsible for these ordinances in compliance with Chapter 48 – Carbonate Area Development, Chapter 87 – Soil Removal, and Chapter 95 – Trees. The Township’s Stormwater Management ordinance (Chapter 207) regulates soils.					
Planning Documents					
Comprehensive / Master Plan	Yes	Local	Yes	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> 2018 Revised NJ Statute 40:27-2; the county planning board shall make and adopt a master plan for the physical development of the county. The master plan of a county, with the accompanying maps, plats, charts, and descriptive and explanatory matter, shall show the county planning board's recommendations for the development of the territory covered by the plan, and may include, among other things, the general location, character, and extent of streets or roads, viaducts, bridges, waterway and waterfront developments, parkways, playgrounds, forests, reservations, parks, airports, and other public ways, grounds, places and spaces; the general location and extent of forests, agricultural areas, and open-development areas for purposes of conservation, food and water supply, sanitary and drainage facilities, or the protection of urban development, and such other features as may be important to the development of the county. The county planning board shall encourage the co-operation of the local municipalities within the county in any matters whatsoever which may concern the integrity of the county master plan and to advise the board of chosen freeholders with respect to the formulation of development programs and budgets for capital expenditures. Per State of NJ Municipal Land Use Law (MLUL) L. 1975, s. 2, eff Aug 1, 1976 40:55D-28 provides the required components of a municipal Master Plan and requires that each municipality prepare a master plan and update it every 6 years. Further, all zoning ordinances must be consistent with the Master Plan or will not be benefitted from a presumption of validity. The Planning Board is responsible for this plan in compliance with Township of Hampton Master Plan, 2002. 					
Capital Improvement Plan	Yes	Local	No	No	-
<i>Comment:</i> The Finance Department is responsible for this plan in compliance with the Township Budget,					
Disaster Debris Management Plan	No	Local	Yes	Yes	2021-HamptonTwp-007
<i>Comment:</i>					
Floodplain or Watershed Plan	Yes	State & Local	No	No	-
<i>Comment:</i> The Township Engineer is responsible for this plan in compliance with Chapter 62 Entitled Flood Damage Prevention Adopted 1982 and Updated 2011.					
Stormwater Management Plan	Yes	State & Local	Yes	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> The Stormwater Management rules (N.J.A.C. 7:8) rules were published in the February 2, 2004 NJ Register. These rules set forth the required components of regional and municipal stormwater management plans and establish the stormwater management design and performance standards for new (proposed) development. The design and performance standards for new development include groundwater recharge, runoff quantity controls, and runoff quality controls. The rules emphasize, as a primary consideration, the use of nonstructural stormwater management techniques including minimizing disturbance, minimizing impervious surfaces, minimizing the use of stormwater pipes, preserving natural drainage features, etc. The rules also set forth requirements for groundwater recharge, stormwater runoff quantity control, stormwater runoff quality control, and the prohibition of major development to be located within or to discharge runoff from the major development into a 300-foot riparian zone without prior authorization from the Department under the Flood Hazard Area Control Act Rules, N.J.A.C. 7:13. State/Local are responsible for this plan, which was adopted in 2006 entitled “Storm Water Control.” 					
Stormwater Pollution Prevention Plan	No	State & Local	No	No	-
<i>Comment:</i>					



	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Have aspects of the HMP been integrated into your codes/ordinances/plans?	
				If yes-how? Describe in comments.	If no - add Mitigation Action #, if applicable.
<ul style="list-style-type: none"> The Phase II New Jersey Pollutant Discharge Elimination System Stormwater Regulation Program (NJPDES) rules (N.J.A.C. 7:14A) were published in the February 2, 2004, NJ Register. These NJPDES rules are intended to address and reduce pollutants associated with existing stormwater runoff. The NJPDES rules establish a regulatory program for existing stormwater discharges as required under the Federal Clean Water Act. These NJPDES rules govern the issuance of permits to entities that own or operate small municipal separate storm sewer systems, known as MS4s. Under this program, permits must be secured by municipalities, certain public complexes such as universities and hospitals, and State, interstate and federal agencies that operate or maintain highways. The permit program establishes the Statewide Basic Requirements that must be implemented to reduce nonpoint source pollutant loads from these sources. The Statewide Basic Requirements include measures such as: the adoption of ordinances (litter control, pet waste, wildlife feeding, proper waste disposal, etc.); the development of a municipal stormwater management plan and implementing ordinance(s); requiring certain maintenance activities (such as street sweeping and catch basin cleaning); implementing solids and floatables control; locating discharge points and stenciling catch basins; and a public education component. 					
Urban Water Management Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Habitat Conservation Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Economic Development Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Shoreline Management Plan	No	State	Yes – if located in a coastal zone	No	-
<i>Comment:</i> <ul style="list-style-type: none"> NJ Coastal Area Facility Review Act (N.J.S.A. 13:19) or CAFRA regulates almost all development along the coast for activities including construction, relocation, and enlargement of buildings or structures, and excavation, grading, shore protection structures, and site preparation. This law is implemented through NJ's Coastal Zone management Rules N.J.A.C. 7:7E-1 et seq. 					
Community Wildfire Protection Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Community Forest Management Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Transportation Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Agriculture Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Climate Action Plan	No	State	No	No	-
<i>Comment:</i>					
Tourism Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Business Development Plan	No	State & Local	No	No	-
<i>Comment:</i>					
Other: Open Space Plan	Yes	Local	No	No	-
<i>Comment:</i> <ul style="list-style-type: none"> The Planning Board is responsible for this plan in compliance with Chapter 17 of Hampton Twp. Code. The plan was adopted in November 2000 and revised and updated in January of 2013. 					
Response/Recovery Planning					



	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Have aspects of the HMP been integrated into your codes/ordinances/plans?	
				If yes-how? Describe in comments.	If no - add Mitigation Action #, if applicable.
Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)	Yes	County & Local	Yes	No	-
Comment: <ul style="list-style-type: none"> Each county and municipality in the State shall prepare a written Emergency Operations Plan with all appropriate annexes necessary to implement the plan. Each Emergency Operations Plan shall be adopted no later than one year after the State Emergency Planning Guidelines have been adopted by the State Office of Emergency Management and shall be evaluated at such subsequent scheduled review of the State Emergency Operations Plan. L.1989, c.222, s.19. The County is responsible for this plan in compliance with Hampton Township Emergency Operations Plan – Updated 2014. 					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	State & Local	No	No	-
Comment:					
Post-Disaster Recovery Plan	No	State & Local	No	No	-
Comment:					
Continuity of Operations Plan	No	State & Local	No	No	-
Comment:					
Public Health Plan	No	County	No	No	-
Comment:					
Other: Watershed Management or Protection Plan	Yes	State & Local	No	No	-
Comment: <ul style="list-style-type: none"> The Planning Board is responsible for this plan in compliance with Chapter 109-9, 11 & 13 and adopted 2006 Storm Water Control. 					

Table 9.11-4. Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes Planning and Zoning; Construction Dept
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.	Yes The Township completed a Housing Plan in 2019 with regard to its affordable housing obligation. The plan included a buildable land inventory that identified two major tracts of land for low and moderate income housing, with one located in the sewer service area.

ADMINISTRATIVE AND TECHNICAL CAPABILITY

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

Table 9.11-5. Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Bd./Governing Body
Mitigation Planning Committee	Yes	Emergency Management Coordinator





Staff/Personnel Resource	Available?	Department/Agency/Position
Environmental Board / Commission	No	-
Open Space Board / Committee	Yes	Open Space Committee
Economic Development Commission / Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Reverse 9-1-1 (opt-in)
Maintenance program to reduce risk	Yes	Risk Management Consultant/Statewide Insurance
Mutual aid agreements	Yes	Local/County
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Township Engineer Harold E. Pellow
Engineers or professionals trained in building or infrastructure construction practices	Yes	Township Engineer Harold E. Pellow
Planners or engineers with an understanding of natural hazards	Yes	Township Engineer Harold E. Pellow
Staff with training in benefit/cost analysis	Yes	Township Administrator Jessica Caruso
Staff with training in green infrastructure	Yes	Township Engineer Harold E. Pellow
Staff with education/knowledge/training in low impact development	Yes	Township Engineer Harold E. Pellow
Surveyor	Yes	Township Engineer Harold E. Pellow
Stormwater engineer	Yes	Township Engineer Harold E. Pellow
Personnel skilled or trained in GIS applications	Yes	Township Engineer Harold E. Pellow
Local or state water quality professional	No	-
Scientist familiar with natural hazards in local area	No	-
Emergency manager	Yes	Emergency Management Coordinator Edward Hayes
Watershed planner	No	-
Environmental specialist	No	-
Grant writers	Yes	Township Administrator Jessica Caruso
Resilience Officer	No	-
Other: NFIP Floodplain Administrator	Yes	Township Engineer Harold E. Pellow
Other: Professionals trained in conducting damage assessments	Yes	Construction Official and Local Sub-code Officials

FISCAL CAPABILITY

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

Table 9.11-6. Fiscal Capabilities

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





Financial Resource	Accessible or Eligible to Use?
Development Impact Fees for Homebuyers or Developers	COAH
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other: Open Space Acquisition Funding Programs	Yes

EDUCATION AND OUTREACH CAPABILITY

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

Table 9.11-7. Education and Outreach Capabilities

Criterion	Response
Do you have a public information officer or communications office?	Yes Edward Hayes (Emergency Management)
Do you have personnel skilled or trained in website development?	Yes- website creation in progress
Do you have hazard mitigation information available on your website? -If yes, briefly describe.	Yes- COVID-19 info and HMP poll/survey
Do you use social media for hazard mitigation education and outreach? -If yes, briefly describe.	No
Do you have any citizen boards or commissions that address issues related to hazard mitigation? -If yes, briefly describe.	No
Do you have any other programs already in place that could be used to communicate hazard-related information? If yes, briefly describe.	Yes- OEM Register Ready

COMMUNITY CLASSIFICATIONS

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

Table 9.11-8. 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	9	2020
Storm Ready Certification	No	-	-
Firewise Community Classification	No	-	-
Sustainable Jersey	No	-	-
Disaster/Safety Programs in/for Schools	Yes	-	-
Public Education Program/Outreach (through website, social media)	Yes	Township Website	-
Public-Private Partnerships	Yes	Local Fire Department	-

ADAPTIVE CAPACITY

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of



local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction’s rating.

Table 9.11-9. Adaptive Capacity

Hazard	Adaptive Capacity (Capabilities) – Strong/Moderate/Weak
Dam Failure	Moderate
Disease Outbreak	Moderate
Drought	Moderate
Earthquake	Moderate
Flood	Moderate
Geologic	Moderate
Hazardous Materials	Moderate
Hurricane and Tropical Storm	Strong
Invasive Species	Moderate
Nor’Easter	Strong
Severe Weather	Strong
Severe Winter Weather	Strong
Wildfire	Moderate

Notes:

Strong = Capacity exists and is in use; Moderate = Capacity may exist, but is not used or could use some improvement; Weak = Capacity does not exist or could use substantial improvement; Unsure = Not enough information is known to assign a rating.

NATIONAL FLOOD INSURANCE PROGRAM

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

Table 9.11-10. National Flood Insurance Program Compliance

Criterion	Response
What local department is responsible for floodplain management?	Township Engineer & DPW
Who is your floodplain administrator? (name, department/position)	Harold E. Pellow & Associates, Inc.
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date that your flood damage prevention ordinance was last amended?	September 29, 2011
Does your floodplain management program meet or exceed minimum requirements? -If exceeds, in what ways?	The program meets minimum requirements set by FEMA and the State.
When was the most recent Community Assistance Visit or Community Assistance Contact?	July 30, 2012
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? -If so, state what they are.	No
Are any RiskMAP projects currently underway in your jurisdiction? If so, state what they are.	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? -If no, state why.	Yes





Criterion	Response
Does your floodplain management staff need any assistance or training to support its floodplain management program? - If so, what type of assistance/training is needed?	Continuing education and certification training on floodplain management would be welcomed by the FPA if it were offered in the County.
Does your jurisdiction participate in the Community Rating System (CRS)? -If yes, is your jurisdiction interested in improving its CRS Classification? -If no, is your jurisdiction interested in joining the CRS program?	No, however the County has considered joining and would attend a CRS seminar if offered locally.
How many flood insurance policies are in force in your jurisdiction?*	7
-What is the insurance in force? -What is the premium in force?	
How many total loss claims have been filed in your jurisdiction?*	1
-How many claims are still open or were closed without payment?	0
-What were the total payments for losses?	\$0
Do you maintain a list of properties that have been damaged by flooding?	No
Do you maintain a list of property owners interested in flood mitigation?	No

*According to FEMA statistics as of October 13, 2020

9.11.5 Hazard Event History Specific to the Jurisdiction

Sussex County has a history of hazard events, as detailed in Section 4 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles in Section 4.3 (Hazards of Concern) and includes a chronology of events that affected Sussex County and its jurisdictions. The Township of Hampton’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Sussex County. Table 9.10-11 provides details regarding municipal-specific loss and damages the jurisdiction experienced during hazard events. Information provided in the table below is based on reference material or local sources.

Table 9.11-11. Hazard Event History

Date(s) of Event	Event Type (disaster declaration if applicable)	Sussex County Designated?	Summary of Event	Summary of Local Damages and Losses
January 22, 2016 - January 24, 2016	DR-4264: Severe Winter Storm and Snowstorm	Yes	A major nor'easter, produced record snowfall and blizzard conditions in parts of New Jersey on January 23 rd and 24 th .	N/A
March 7, 2018	Winter Storm	No	An area of low pressure moving into the region caused considerable snowfall in Sussex County.	The Township did not experience property damage. The Township expanded funds for overtime for DPW.
May 2018	Rain/Wind Event	No	The County experienced a rain/wind event causing localized damage.	The Township did not experience property damage. The Township expanded funds for overtime for DPW.
January 20, 2020 and continuing	EM-3451, DR-4488: COVID-19 Pandemic	Yes	The coronavirus pandemic resulted in the need for shutdowns and social distancing and mask requirements.	As of December 24, 2020 the Township has had 117 reported cases of COVID-19.

Source: FEMA 2020; NOAA-NCEI 2020; Sussex County

Note:





9.11.6 Jurisdiction-Specific Vulnerabilities and Hazard Ranking

The hazard profiles in Section 4 (Risk Assessment) provide detailed information regarding each plan participant’s vulnerability to the identified hazards. Refer to Section 4.2 (Methodology and Tools) and Section 4.4 (Hazard Ranking) for a detailed summary for the Township of Hampton risk assessment results and data used to determine the hazard ranking discussed later in this section.

HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Township of Hampton 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 Hampton has significant exposure.

REPETITIVE FLOOD LOSSES

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

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

Source: FEMA 2019

CRITICAL FACILITIES AND LIFELINES

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

Table 9.11-12. Critical Facilities and Lifelines Flood Exposure

Name	Type	Exposure	
		1% Event	0.2% Event
22-23 Howell Mill Pond	Dams	X	X
22-24 Balesville Dam	Dams	X	X

Source: Sussex County Planning Partnership 2020

Note:

*Identified lifeline

IDENTIFIED ISSUES AND PROBLEM AREAS

The jurisdiction has identified the following vulnerabilities within their community:

- The Township has two culverts that experience drainage issues. One culvert is located at the corner of Ike Williams Road and Dickson Road; the other is located at Old Swartswood Road.
- The Township’s trees and forest stands have been impacted by Gypsy moths and lantern fly infestations. The past infestations have left a number of dead standing oaks.

HAZARD RANKING

This section summarizes the jurisdiction’s primary hazards of concern based on identified problems, impacts and the results of the risk assessment as presented in Section 4 (Risk Assessment). The ranking process involves





an assessment of the likelihood of occurrence for each hazard; its potential impacts on people, property, and the economy; community capability and changing future climate conditions. This input supports the development of mitigation actions, targeting those hazards with the highest level of concern.

As discussed in Section 4.4 (Hazard Ranking), each plan participant may have differing degrees of risk exposure and vulnerability compared to Sussex County as a whole. Therefore, the Township of Hampton ranked each hazard’s degree of risk as it pertains to their community factoring in their capabilities to withstand impacts and rebound after the event. The table below summarizes the hazard rankings of potential hazards for the Township of Hampton. The Township of Hampton has reviewed the Sussex County hazard ranking table and has provided input to its individual results to reflect the relative risk of the hazards of concern to the community. During the review of the hazard ranking, the Township of Hampton indicated that the risk for drought had decreased since 2016.

Table 9.11-13. Township of Hampton Hazard Ranking

Dam Failure	Disease Outbreak	Drought	Earthquake	Flood	Geologic	
Low	Medium	Low	Low	Medium	Low	
Hazardous Materials	Hurricane and Tropical Storm	Invasive Species	Nor’Easter	Severe Weather	Severe Winter Weather	Wildfire
Medium	High	Medium	High	High	High	Medium

9.11.7 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and provides action prioritization.

PAST MITIGATION INITIATIVE STATUS

The following table summarizes the jurisdiction’s progress on their mitigation strategy identified in the 2016 HMP. Actions that are carried forward as part of this plan update are included in Table 9.10-15 and Table 9.10-16 with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and can also be found under ‘Capability Assessment’ presented previously in this annex.

Table 9.11-14. Status of Previous HMP Mitigation Actions

2016 Action Number	Action Description	Responsible Party	Status (In Progress, No Progress, Ongoing Capability, or Completed)	Include in the 2021 HMP Update?	
				Check if Yes	Enter 2021 HMP Action #
Hampton-1 (new)	Ensure continuity of operations by purchasing and installing emergency generators	Township Administration	Completed		
Hampton-2 (old #3)	Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what they can do in	Township Administration	Ongoing Capability		



2016 Action Number	Action Description	Responsible Party	Status (In Progress, No Progress, Ongoing Capability, or Completed)	Include in the 2021 HMP Update?	
				Check if Yes	Enter 2021 HMP Action #
	the way of mitigation and preparedness, including flood insurance.				
Hampton-3 (new)	Purchase emergency vehicles – fire truck and ambulance	Township Fire and Rescue	In progress	X	2021-HamptonTwp-002
Hampton-4 (new)	Stabilize Ike Williams and Old Swartswood Roads to ensure life safety and passage – roads are deteriorating due to erosion from water.	Township and NJDEP	No progress	X	2021-HamptonTwp-001 2021-HamptonTwp-003
Hampton-5 (old #1)	Retrofit roof to meet current snow load standards on Department of Public Works facility located on Rumsey Way.	Township DPW	In progress	X	2021-HamptonTwp-004
Hampton-6 (old #3)	Implement Fire Wise program throughout Township.	OEM Coordinator	In progress	X	2021-HamptonTwp-005

The Township of Hampton did not identify mitigation projects/activities that were completed but not identified in the 2016 HMP mitigation strategy.

PROPOSED HAZARD MITIGATION INITIATIVES FOR THE PLAN UPDATE

The Township of Hampton participated in a risk assessment workshop in October 2020 in which detailed information was provided about assets exposed and vulnerable to the identified hazards of concern. The Township of Hampton participated in a mitigation action workshop in November 2020 and was provided a Mitigation Toolbox that included a mitigation catalog developed specifically for Sussex County and its hazards of concerns; challenges and opportunities identified during the capability and risk assessments; mitigation funding sources, and the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 *Selecting Appropriate Mitigation Measures for Floodprone Structures* (March 2007) and FEMA *Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards* (January 2013). Section 6 (Mitigation Strategy) and Appendix F (Mitigation Strategy Supplement) provide a more complete description of the Mitigation Toolbox and its resources.

Table 9.10-15 summarizes the comprehensive-range of specific mitigation initiatives the Township of Hampton would like to pursue in the future to reduce the effects of hazards. Initiatives are dependent upon available funding (grants and local match availability) and can be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6 (Mitigation Strategy), 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1)





for each of the 14 evaluation criteria to assist with prioritizing actions as *High, Medium, or Low*. The table below summarizes the evaluation of each mitigation initiative, listed by action number.

Table 9.10-16 provides a summary of the prioritization of all proposed mitigation initiatives for this HMP update.

DRAFT



Table 9.11-15. Proposed Hazard Mitigation Initiatives

Initiative Number	Mitigation Initiative Name	Description of the Problem and Solution	New or Existing Assets?	Hazard(s) to be Mitigated	Goals Met	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Cost	Timeline	Priority	Mitigation Category	CRS Category
2021-Hampton Twp-001	Old Swartwood Road Culvert Mitigation	Problem: The culvert located at the northern intersection of CR-622 (Swartwood Road) and Old Swartwood is deteriorating. The 36” RCCP drain requires replacement and may cause the road to collapse. The shoulder of the road has longitudinal cracking, and there is significant erosion downstream of the culvert. The concrete is separating in several areas, and rip rap has fallen through the pipe separation. The runoff derives from two ponds at the Salesian Sisters property, where the channel runs downhill, under the road, the enters a small pond. From the pond, the channel runs underneath the Township and County Road.	Existing	Flood; Hurricane Tropical Storm; Nor’easter; Severe Weather; Severe Winter Weather	1, 2, 4, 6	Township DPW/Engineer; DEP; Sussex County; private owners	Local match; County funds	Preservation of road functions	Medium	3 years	High	SIP	SP
		Solution: The Township proposes to re-examine drainage in the area and implement mitigating measures for the culvert.											
2021-Hampton Twp-002	Ambulance Acquisition	Problem: The Township has been losing emergency vehicles due to aging equipment and loss of staff. The Township has identified a need for an ambulance.	New	All hazards	1, 3, 5, 6	Hampton Fire Rescue	AFG; Local match	Enhanced emergency services operations	Medium	5 years	Medium	SIP	ES
		Solution: The Township proposes to acquire a new ambulance.											
2021-Hampton Twp-003	Ike Williams/Dickson Road Mitigation	Problem: Ike Williams Road and Dickson Road comprise a continuous 1.6-mile road that branches off Route 521. The terminus of these two roads occurs at a curve located adjacent to private properties, where a tributary of Little Swartwood Lake runs southward towards the lake. Due to the unique topography of the area, water runs off the surrounding hills and washes out the culvert located at the curve. The private property ownership complicates potential mitigation solutions.	Existing	Flood; Geological; Hurricane/ Tropical Storm Nor’easter; Severe Weather;	1, 2, 4, 6	Township DPW; DEP; Private owner	Transportation Trust Fund; Local match	Protection of public infrastructure and private	Medium	3 years	High	SIP	SP



Initiative Number	Mitigation Initiative Name	Description of the Problem and Solution	New or Existing Assets?	Hazard(s) to be Mitigated	Goals Met	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Cost	Timeline	Priority	Mitigation Category	CRS Category
		In addition to this culvert, Ike Williams Road shows longitudinal cracking along the roadway where the creek under the aforementioned intersection runs under Ike Williams Road approximately 150 feet to the southwest. Solution: The Township proposes to study the drainage issue and implement mitigation measures to protect the roadway intersection, downstream properties, and the Ike Williams Road culvert. Potential mitigation measures could include retention basins.											
2021-Hampton Twp-004	DPW Roof Retrofit	Problem: The roof of the Township’s DPW facility requires a retrofit for compliance. Solution: The Township proposes to examine the roof of the DPW and determine and implement design solutions for the roof.	Existing	Hurricane/ Tropical Storm Nor’easter; Severe Weather; Severe Winter Weather	1, 2, 4, 6	Township DPW; Engineer	Township funds; HMGP	Protection of DPW facility	Low	1 year	High	SIP	PP
2021-Hampton Twp-005	Firewise Participation	Problem: The Township has a significant wildfire risk that is exacerbated by dead trees resulting from pest infestations (gypsy moth and lantern flies) and federal/state land management issues. Solution: The Township proposes to participate in the Firewise program to mitigate wildfire risk.	Existing	Wildfire	1, 2, 3, 4, 5, 6	NJDEP; Hampton Fire Rescue	Township funds	Increased preparation/responsiveness to wildfires	No cost	1 year	High	EAP	ES
2021-Hampton Twp-006	OEM Trailer Acquisition	Problem: The Township buildings lack a capacity for OEM functions and storage of records related to emergency management. Solution: The Township proposes to acquire a trailer to house OEM functions and consolidate records that need to be retained from hazard events.	New	All hazards	3, 5, 6	Township OEM	FEMA; Township Funds	Storage; communications safety; consolidation of records /FEMA	Low	Short term	Medium	SIP	ES



Initiative Number	Mitigation Initiative Name	Description of the Problem and Solution	New or Existing Assets?	Hazard(s) to be Mitigated	Goals Met	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Cost	Timeline	Priority	Mitigation Category	CRS Category
2021-Hampton Twp-007	Disaster Debris Management Plan	Problem: The Township lacks a debris management plan.	N/A	All Hazards	4, 6	Hampton Twp. - Administration	Municipal budget	Plan in place for debris management	Staff time	1 year	High	LPR	ES
		Solution: The Township will develop and adopt a Disaster Debris Management Plan.											
2021-Hampton Twp-008	Flood Damage Prevention Ordinance	Problem: The Township’s Flood Damage Prevention Ordinance lacks the state mandated 1 foot of freeboard.	New	Flood	2	Administration, FPA	Township budget	Increased flood protection for new construction	Staff time	6 months	High	LPR	PR
		Solution: The Township will update the ordinance to include 1 foot of freeboard for new construction in the SFHA.											

Notes:

Acronyms and Abbreviations:

CAV Community Assistance Visit
 CRS Community Rating System
 DPW Department of Public Works
 FEMA Federal Emergency Management Agency
 FPA Floodplain Administrator
 HMA Hazard Mitigation Assistance
 N/A Not applicable
 NFIP National Flood Insurance Program
 OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

BRIC Building Resilient Infrastructure and Communities
 FMA Flood Mitigation Assistance Grant Program
 HMGP Hazard Mitigation Grant Program

Timeline:

The time required for completion of the project upon implementation

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses and preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

CRS Category:

- Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.





- *Natural Resource Protection (NR) - Actions that minimize hazard loss and preserve or restore the functions of natural systems. Actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.*
- *Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.*
- *Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities.*

DRAFT



Table 9.11-16. Summary of Evaluation and Action Priorities

Initiative Number	Mitigation Initiative Name	Life Safety	Property Protection	Cost Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community	Total	High / Medium / Low
2021-HamptonTwp-001	Old Swartswood Road Culvert Mitigation	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	13	High
2021-HamptonTwp-002	Ambulance Acquisition	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	13	High
2021-HamptonTwp-003	Ike Williams/Dickson Road Mitigation	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	13	High
2021-HamptonTwp-004	DPW Roof Retrofit	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	13	High
2021-HamptonTwp-005	Firewise Participation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2021-HamptonTwp-006	OEM Trailer Acquisition	0	1	0	1	1	1	-1	0	1	1	1	1	1	0	8	Medium
2021-HamptonTwp-007	Disaster Debris Management Plan	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2021-HamptonTwp-008	Flood Damage Prevention Ordinance	0	1	1	1	1	1	1	1	1	0	1	1	1	1	12	High

Notes: Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).

This action has been identified as being of highest importance to the municipality and an action that the municipality would like to complete as soon as funding is received.



Table 9.11-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	Prevention	Property Protection	Public Education and Awareness	Natural Resource Protection	Emergency Services	Structural Projects	Climate Resilient	Community Capacity Building
Dam Failure	X				X			
Disease Outbreak	X				X			
Drought	X				X			
Earthquake	X				X			
Flood	X				X			
Geologic	X				X			
Hazardous Materials	X				X			
Hurricane and Tropical Storm	X	X			X	X		
Invasive Species	X				X			
Nor’Easter	X	X			X	X		
Severe Weather	X	X			X	X		
Severe Winter Weather	X	X			X	X		
Wildfire	X				X			

Note: Section 6 (Mitigation Strategy) provides for an explanation of the mitigation categories.

high ranked hazard

ORANGE medium ranked hazard

YELLOW low ranked hazard





Figure 9.11-1. Township of Hampton Hazard Area Extent and Location Map 1

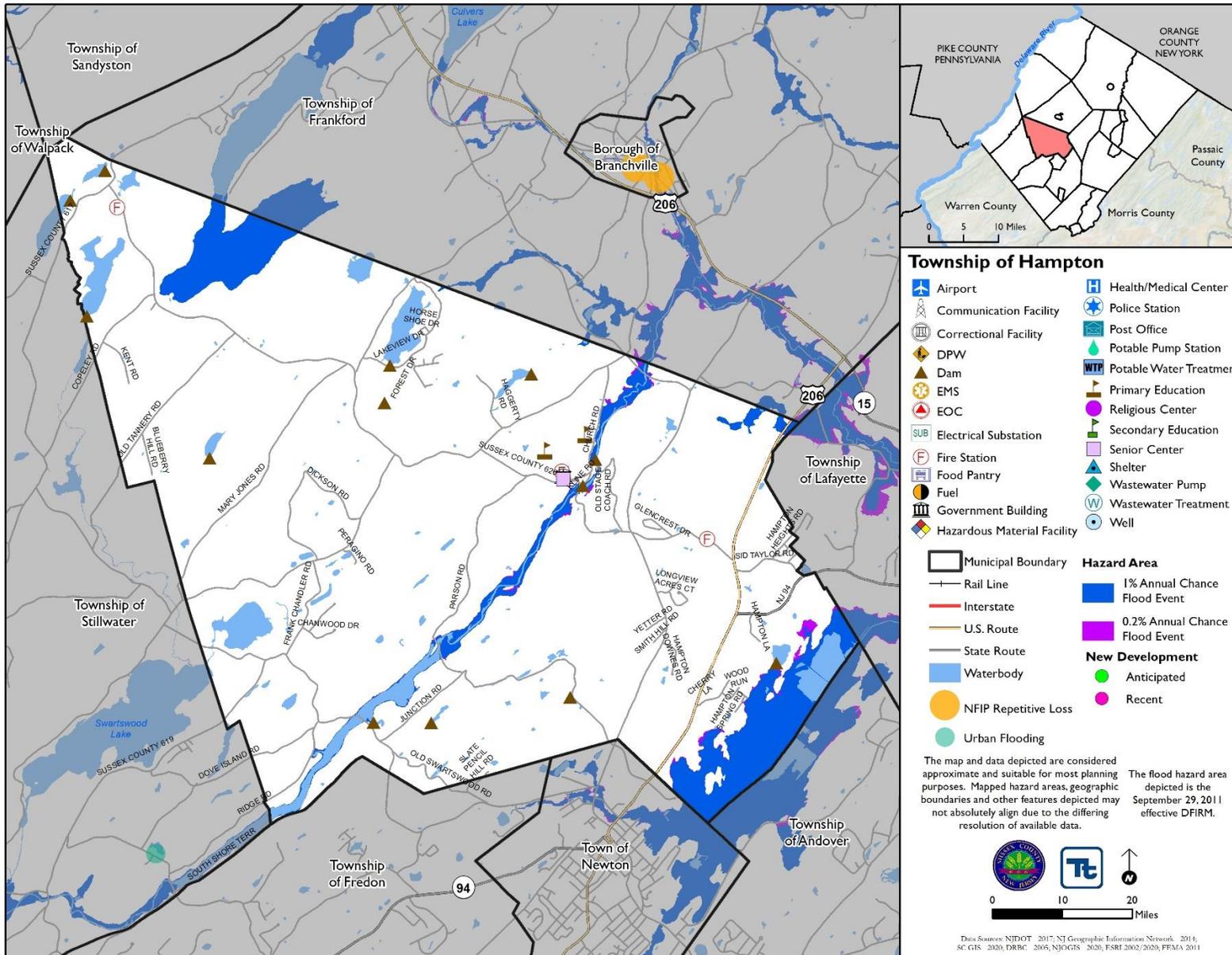


Figure 9.11-2. Township of Hampton Hazard Area Extent and Location Map 2

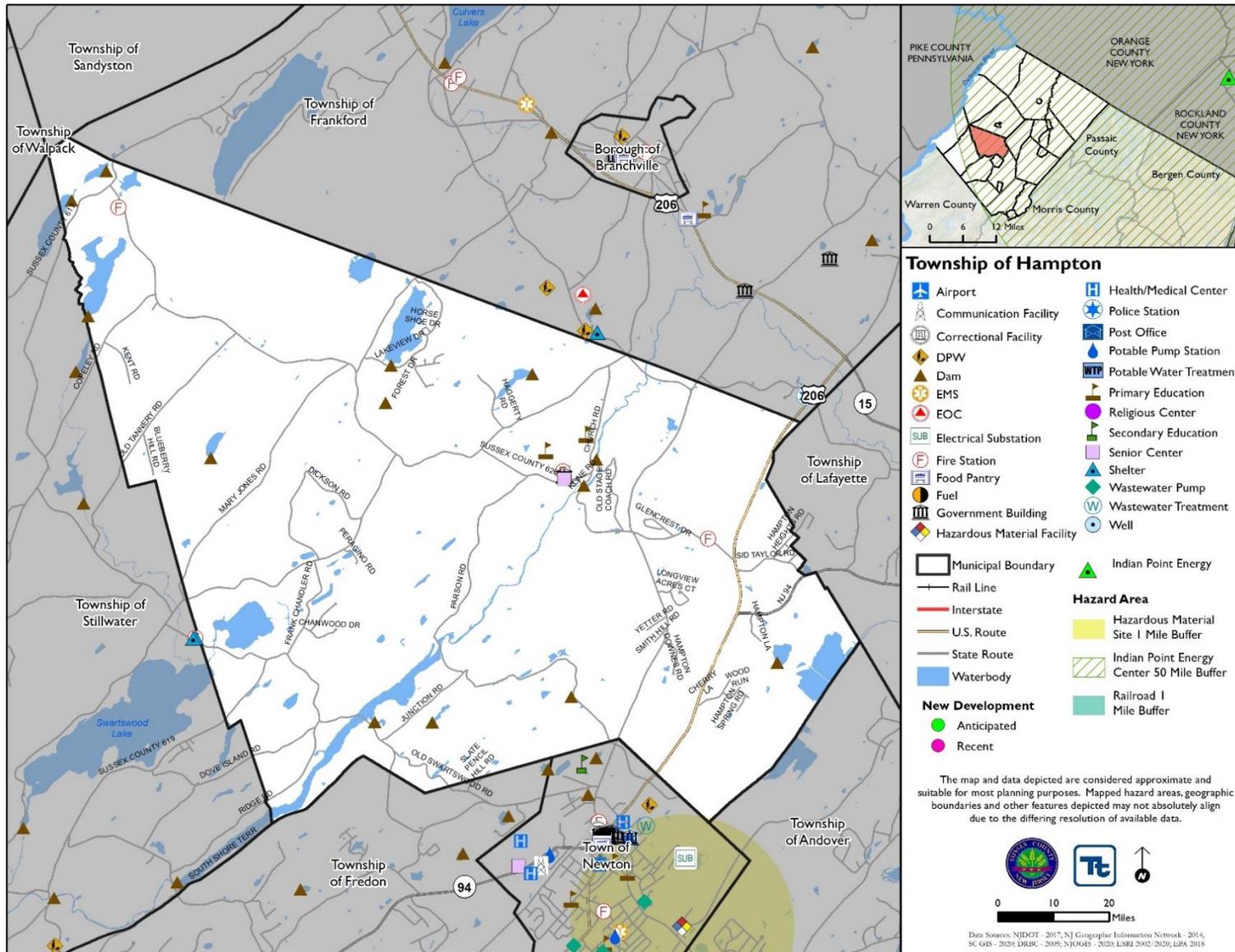
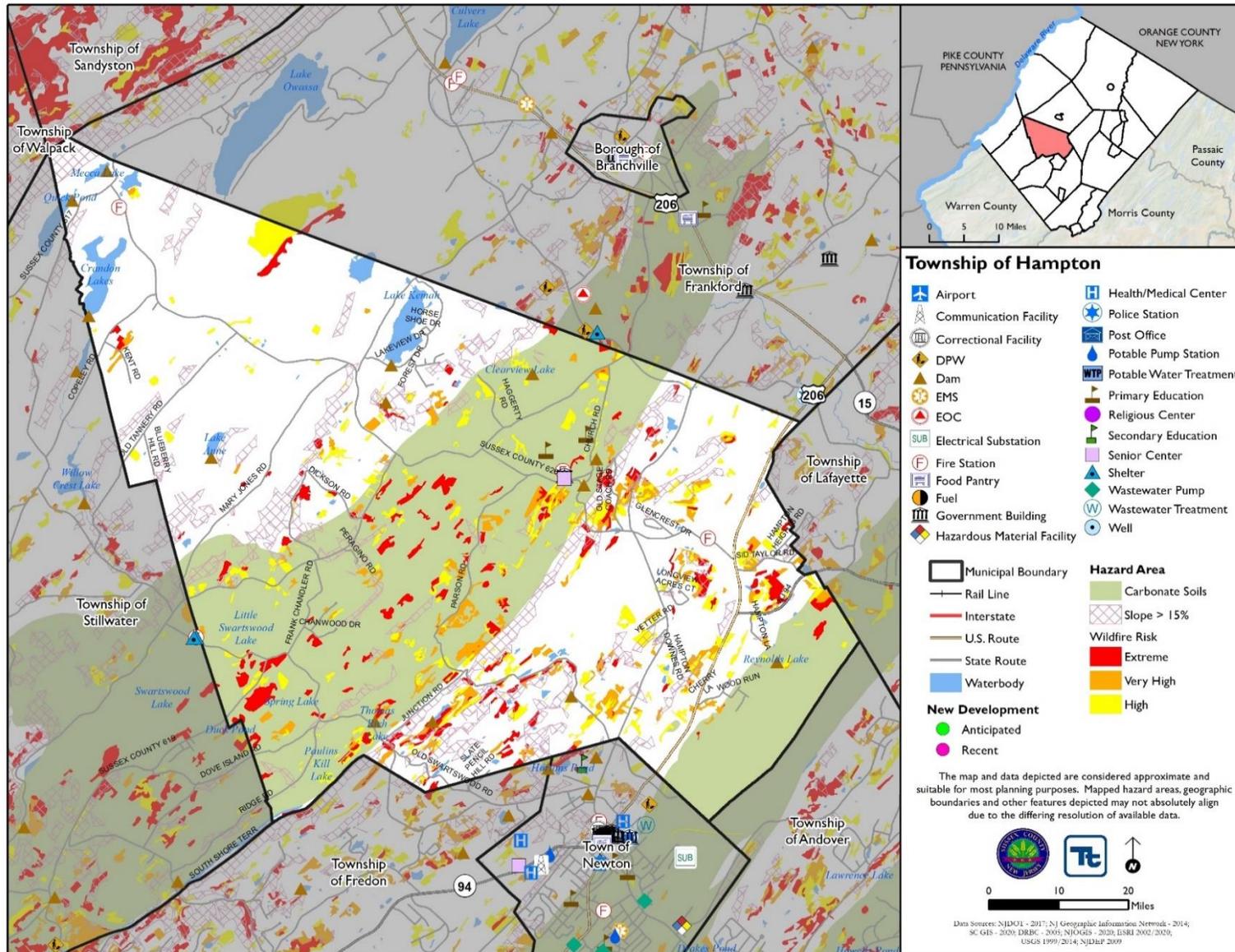


Figure 9.11-3 Township of Hampton Hazard Area Extent and Location Map 3



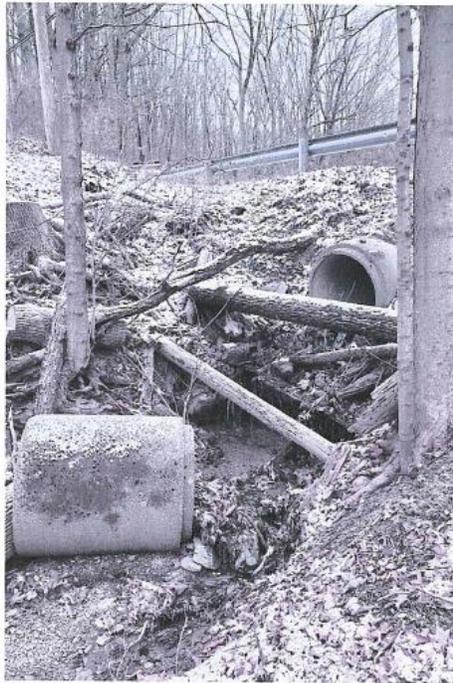


Action Worksheet			
Project Name:	Old Swartswood Road Culvert Mitigation		
Project Number:	2021-HamptonTwp-001		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood; Hurricane Tropical Storm; Nor'easter; Severe Weather; Severe Winter Weather		
Description of the Problem:	The culvert located at the northern intersection of CR-622 (Swartswood Road) and Old Swartswood is deteriorating. The 36" RCCP drain requires replacement and may cause the road to collapse. The shoulder of the road has longitudinal cracking, and there is significant erosion downstream of the culvert. The concrete is separating in several areas, and rip rap has fallen through the pipe separation. The runoff derives from two ponds at the Salesian Sisters property, where the channel runs downhill, under the road, the enters a small pond. From the pond, the channel runs underneath the Township and County Road.		
Action or Project Intended for Implementation			
Description of the Solution:	The Township proposes to re-examine drainage in the area and implement mitigating measures for the culvert.		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Preservation of road functions
Useful Life:	30 years	Goals Met:	1, 2, 4, 6
Estimated Cost:	TBD	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	5 years
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	Local match; County funds
Responsible Organization:	Township DPW/Engineer; DEP; Sussex County; private owners	Local Planning Mechanisms to be Used in Implementation if any:	Capital Improvement Plan
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Road abandonment	Low	Not logistically feasible
	Culvert Mitigation	TBD	Technically feasible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Old Swartswood Road Culvert Mitigation	
Project Number:	2021-HamptonTwp-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Culvert Mitigation will protect road and downstream properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Project requires funding
Environmental	1	
Social	1	Project prevents social disruption from utility interruption
Administrative	1	
Multi-Hazard	1	Flood; Hurricane Tropical Storm; Nor'easter; Severe Weather; Severe Winter Weather
Timeline	1	
Agency Champion	1	Township will champion
Other Community Objectives	1	
Total	13	
Priority (High/Med/Low)	High	

Old Swartswood Rd Drain 12/16/20



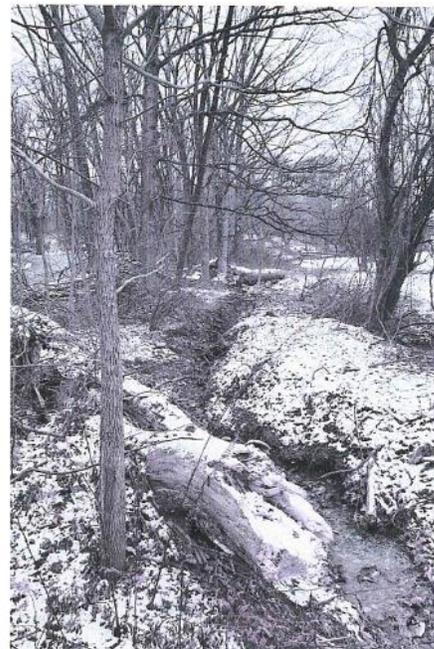
Outlet



Outlet down hill



Pipe Separation



Upstream - Recently dug out
by property owner
- Root exposure



Action Worksheet			
Project Name:	Ike Williams/Dickson Road Mitigation		
Project Number:	2021-HamptonTwp-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood; Hurricane Tropical Storm; Nor'easter; Severe Weather; Severe Winter Weather		
Description of the Problem:	<p>Ike Williams Road and Dickson Road comprise a continuous 1.6-mile road that branches off Route 521. The terminus of these two roads occurs at a curve located adjacent to private properties, where a tributary of Little Swartswood Lake runs southward towards the lake. Due to the unique topography of the area, water runs off the surrounding hills and washes out the culvert located at the curve. The private property ownership complicates potential mitigation solutions.</p> <p>In addition to this culvert, Ike Williams Road shows longitudinal cracking along the roadway where the creek under the aforementioned intersection runs under Ike Williams Road approximately 150 feet to the southwest.</p>		
Action or Project Intended for Implementation			
Description of the Solution:	The Township proposes to study the drainage issue and implement mitigation measures to protect the roadway intersection, downstream properties, and the Ike Williams Road culvert. Potential mitigation measures could include retention basins.		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Protection of public infrastructure and private
Useful Life:	30 years	Goals Met:	1, 2, 4, 6
Estimated Cost:	TBD	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	3 years
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	Transportation Trust Fund; Local match
Responsible Organization:	Township DPW/Engineer; DEP; Sussex County; private owners	Local Planning Mechanisms to be Used in Implementation if any:	Capital Improvement Plan
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Road abandonment	Low	Not logistically feasible
	Culvert Mitigation	TBD	Technically feasible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



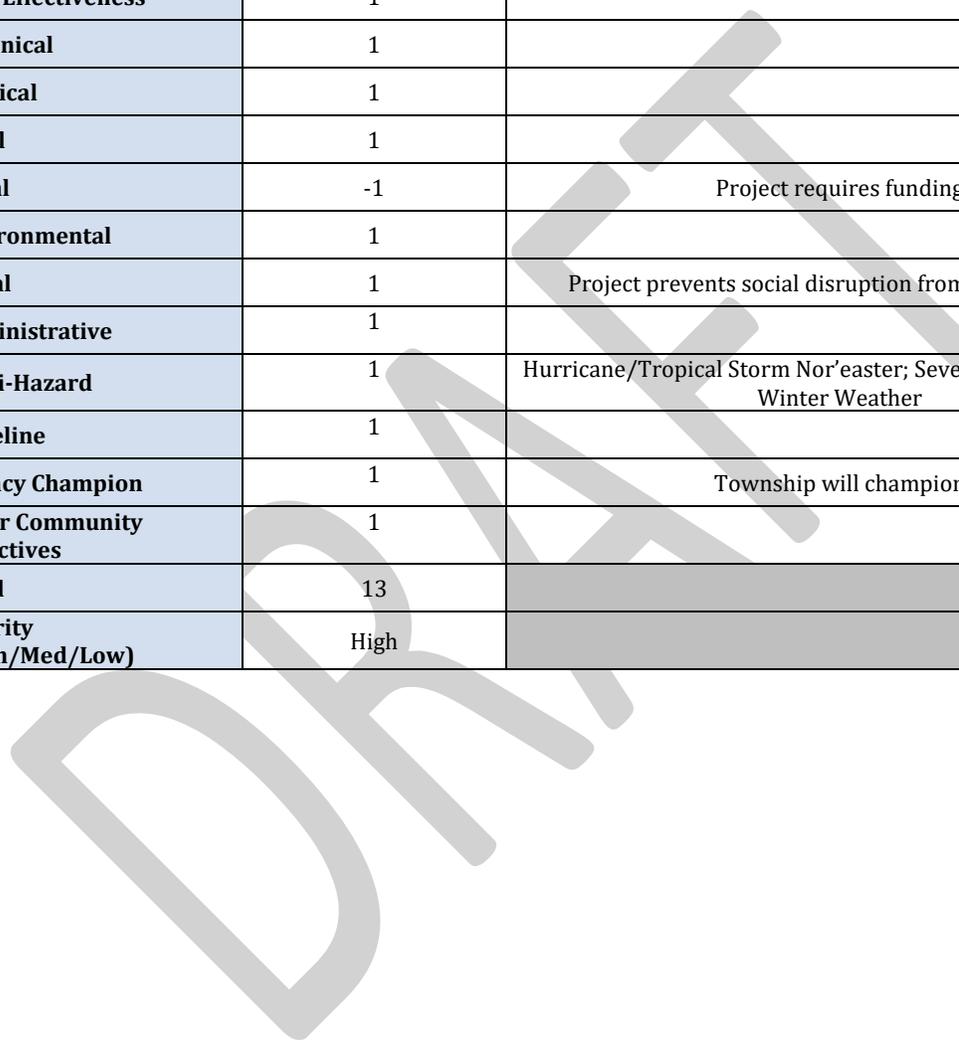
Action Worksheet		
Project Name:	Ike Williams/Dickson Road Mitigation	
Project Number:	2021-HamptonTwp-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Culvert Mitigation will protect road and downstream properties
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Project requires funding
Environmental	1	
Social	1	Project prevents social disruption from utility interruption
Administrative	1	
Multi-Hazard	1	Flood; Hurricane Tropical Storm; Nor'easter; Severe Weather; Severe Winter Weather
Timeline	1	
Agency Champion	1	Township will champion
Other Community Objectives	1	
Total	13	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	DPW Roof Retrofit		
Project Number:	2021-HamptonTwp-004		
Risk / Vulnerability			
Hazard(s) of Concern:	Hurricane/Tropical Storm Nor'easter; Severe Weather; Severe Winter Weather		
Description of the Problem:	The roof of the Township's DPW facility requires a retrofit for compliance.		
Action or Project Intended for Implementation			
Description of the Solution:	The Township proposes to examine the roof of the DPW and determine and implement design solutions for the roof.		
Is this project related to a Critical Facility or Lifeline?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Protection of DPW facility
Useful Life:	50 years	Goals Met:	1, 2, 4, 6
Estimated Cost:	TBD	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	1 year
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	Township funds; HMGP
Responsible Organization:	Township DPW; Engineer	Local Planning Mechanisms to be Used in Implementation if any:	Capital Improvement Plan
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Facility Replacement	High	Not cost effective
	Roof retrofit	TBD	Technically feasible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	DPW Roof Retrofit	
Project Number:	2021-HamptonTwp-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect workers in facility
Property Protection	1	Project will protect DPW facility
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Project requires funding
Environmental	1	
Social	1	Project prevents social disruption from loss of facility
Administrative	1	
Multi-Hazard	1	Hurricane/Tropical Storm Nor'easter; Severe Weather; Severe Winter Weather
Timeline	1	
Agency Champion	1	Township will champion
Other Community Objectives	1	
Total	13	
Priority (High/Med/Low)	High	





Action Worksheet			
Project Name:	OEM Trailer Acquisition		
Project Number:	2021-HamptonTwp-006		
Risk / Vulnerability			
Hazard(s) of Concern:	All hazards		
Description of the Problem:	The Township buildings lack a capacity for OEM functions and storage of records related to emergency management.		
Action or Project Intended for Implementation			
Description of the Solution:	The Township proposes to acquire a trailer to house OEM functions and consolidate records that need to be retained from hazard events.		
Is this project related to a Critical Facility or Lifeline?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Storage; communications safety; consolidation of records
Useful Life:	30 years	Goals Met:	3, 5, 6
Estimated Cost:	Low	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	Medium	Desired Timeframe for Implementation:	Short-term
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	FEMA; Township Funds
Responsible Organization:	Township OEM	Local Planning Mechanisms to be Used in Implementation if any:	Capital Improvement Plan
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Building addition	High	Not cost effective
	Trailer acquisition	TBD	Technically feasible
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	OEM Trailer Acquisition	
Project Number:	2021-HamptonTwp-006	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Protection of records
Cost-Effectiveness	0	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	Project requires funding
Environmental	0	
Social	1	Project prevents social disruption from loss of facility
Administrative	1	
Multi-Hazard	1	Project will protect records from all types of hazard events
Timeline	1	
Agency Champion	1	Township will champion
Other Community Objectives	0	
Total	8	
Priority (High/Med/Low)	Medium	

