



## 9.7 BOROUGH OF FRANKLIN

This section presents the jurisdictional annex for the Borough of Franklin. The annex includes a general overview of the Borough of Franklin; an assessment of the Borough of Franklin’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.

### 9.7.1 Hazard Mitigation Planning Team

The Borough of Franklin 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 9.7-1. Hazard Mitigation Planning Team

Primary Point of Contact		Alternate Point of Contact
Name / Title: Jim Williams, OEM Coordinator Address: 46 Main Street, Franklin, NJ 07416 Phone Number: (973) 600-9081 Email: lauranjenna@gmail.com		Name / Title: Brian VanDenBroek, DPW Supervisor Address: 46 Main Street, Franklin, NJ 07416 Phone Number: (862) 268-7788 Email: bvandenbroek@franklinborough.org
NFIP Floodplain Administrator		
Name / Title: Deborah Bonanno, Administrator Address: 46 Main Street, Franklin, NJ 07416 Phone Number: (973) 827-9280x102 Email: dbonanno@franklinborough.org		
Name	Title	Method of Participation
Jim Williams	OEM Coordinator	Primary point of contact
Brian VanDenBroek	DPW Supervisor	Alternate point of contact
Deborah Bonanno	Administrator	NFIP floodplain administrator; provided data and information to update the annex

### 9.7.2 Jurisdiction Profile

Franklin Borough was incorporated in 1913 and is known as the "Fluorescent Mineral Capital of the World." The Borough has a rich mining history and was widely recognized for its rich ore body containing more than 150 minerals. The Borough is located in eastern Sussex County and bordered to the north by the Borough of Hamburg, to the west by Hardyston Township, to the south by the Borough of Ogdensburg, and to the east by the Township of Hardyston. The Borough is also located within the New Jersey Highlands Region. The Wallkill River, Franklin Pond Creek and Wildcat Branch flow through the Borough.

According to the U.S. Census, the 2010 population for the Borough of Franklin was 5,045. The estimated 2018 population was 4,807, a 4.7 percent decrease from the 2010 Census. Data from the 2018 U.S. Census American Community Survey indicate that 6.0 percent of the population is 5 years of age or younger and 13.6 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.

### 9.7.3 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 9.6-2 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 9.7-2. Recent and Expected Future Development**

Type of Development	2015		2016		2017		2018		2019	
<b>Number of Building Permits for New Construction Issued Since the Previous HMP</b>										
	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>	<b>Total</b>	<b>Within SFHA</b>
Single and Two-Family Units	0	0	1	0	1	0	0	0	0	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	
<b>Recent Major Development and Infrastructure from 2015 to Present</b>										
Walsh Road	Residential		5 units		Walsh Road		??		Under Construction	
<b>Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years</b>										
JCM	Apartment Complex		300		Munsonhurst Road		Wetlands		Approval from Borough Needs State approval	

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

### 9.7.4 Capability Assessment

Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The Borough of Franklin 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 Borough of Franklin 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 Borough of Franklin and where hazard mitigation has been integrated.

**Table 9.7-3. 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.
<b>Codes, Ordinances, &amp; Requirements</b>					
<b>Building Code</b>	Yes	State & Local	Yes	Yes	-
<i>Comment:</i> <ul style="list-style-type: none"> <li>State mandated on local level under NJAC 5:23-3.14. International Building Code – New Jersey Edition, 2018, NJAC 5:24-3.14 Adopted 9/3/2019</li> <li>This code follows State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.).</li> </ul>					
<b>Zoning Code</b>	Yes	Local	Yes – if municipality has a Planning Board	Yes	-
<i>Comment:</i> <ul style="list-style-type: none"> <li>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.</li> <li>The Zoning Officer is responsible for this code in compliance with Chapter 161, Article 5 – Land Development – Zoning.</li> </ul>					
<b>Subdivisions</b>	Yes	Local	Yes – if municipality has a Planning Board	Yes	-
<i>Comment:</i> <ul style="list-style-type: none"> <li>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.</li> <li>The Zoning Officer is responsible for this ordinance in compliance with Chapter 161 – Land Development.</li> </ul>					
<b>Stormwater Management</b>	Yes	Local	Yes	Yes	-
<i>Comment:</i> <ul style="list-style-type: none"> <li>See Title 7 of the NJ Administrative Code, N.J.A.C. 7:8</li> <li>The Town Engineer is responsible for this ordinance in compliance with Chapter 161, Article 9 – Land Development, Stormwater and Flooding Controls.</li> </ul>					
<b>Post-Disaster Recovery</b>	No	-	No	-	-



	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.
<b>Comment:</b>					
<b>Real Estate Disclosure</b>	Yes	State, Division of Consumer Affairs	Yes	Yes	-
<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>					
<b>Growth Management</b>	No	-	Yes – if municipality has a Planning Board	No	-
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>State Mandated on a municipal level. See Zoning Ordinance ; Also - Plan Endorsement Process via the State Development &amp; 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.</li> </ul>					
<b>Site Plan Review</b>	Yes	Local	Yes – if municipality has a Planning Board	Yes	-
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>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.</li> <li>The Engineering Department is responsible for these requirements.</li> </ul>					
<b>Environmental Protection</b>	Yes	Local	No	Yes	-
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>Chapter 168 Littering</li> <li>Chapter 188 Nuclear Free Zone</li> <li>Chapter 320 Solid Waste</li> </ul>					
<b>Flood Damage Prevention</b>	Yes	State & Local	Yes	Yes	2021-Franklin-005
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>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.</li> <li>Flood Damage Prevention, Chapter 128 of the municipal code is administered by the Floodplain Administrator. The Borough Administrator serves as the Floodplain Administrator.</li> <li>It is the purpose of this chapter to promote the public health, safety, and general welfare, and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:               <ul style="list-style-type: none"> <li>A. Protect human life and health;</li> <li>B. Minimize expenditure of public money for costly flood-control projects;</li> <li>C. Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;</li> <li>D. Minimize prolonged business interruptions;</li> <li>E. Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets, bridges located in areas of special flood hazard;</li> <li>F. Help maintain a stable tax base by providing for the second use and development of areas of special flood hazard so as to minimize future flood blight areas;</li> </ul> </li> </ul>					



	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"> <li>○ G. Ensure that potential buyers are notified that property is in an area of special flood hazard; and</li> <li>○ H. Ensure that those who occupy the areas of special flood hazard assume responsibility for their actions.</li> </ul> <ul style="list-style-type: none"> <li>• The Ordinance does not include language regarding freeboard requirements.</li> </ul>					
<b>Wellhead Protection</b>	No	-	No	-	-
<i>Comment: There are three municipal wells in the Borough. A wellhead protection ordinance may be considered to protect the Borough's water supply.</i>					
<b>Emergency Management</b>	Yes	Local	No	No	-
<i>Comment:</i>					
<ul style="list-style-type: none"> <li>• Chapter 34 Fire Department</li> <li>• Chapter 60 Police Department</li> <li>• Chapter 124 Fire Prevention</li> </ul>					
<b>Climate Change</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Disaster Recovery Ordinance</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Disaster Reconstruction Ordinance</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Other:</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Planning Documents</b>					
<b>Comprehensive / Master Plan</b>	Yes	Local	Yes	Yes	-
<i>Comment:</i>					
<ul style="list-style-type: none"> <li>• 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.</li> <li>• The Planning Board is responsible for this plan in compliance with 2003 Master Plan with reexamination in 2009.</li> </ul>					
<b>Capital Improvement Plan</b>	Yes	Local	No	No	-
<i>Comment: The Borough Council is responsible for this plan.</i>					
<b>Disaster Debris Management Plan</b>	No	-	No	-	2021-Franklin-006
<i>Comment: Goes to 75 Corkhill Road Facility (DPW)</i>					
<b>Floodplain or Watershed Plan</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Stormwater Management Plan</b>	No	-	Yes	-	-
<i>Comment:</i>					
<ul style="list-style-type: none"> <li>• 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</li> </ul>					



	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.
<p><i>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.</i></p>					
<b>Stormwater Pollution Prevention Plan</b>	Yes	State & Local	Yes	-	-
<p><b>Comment:</b></p> <ul style="list-style-type: none"> <li>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.</li> <li>Franklin is a Tier B community.</li> </ul>					
<b>Urban Water Management Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Habitat Conservation Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Economic Development Plan</b>	Yes	Local	No	No	-
<b>Comment:</b> In-House Comm. is responsible for this plan.					
<b>Shoreline Management Plan</b>	No	-	No	-	-
<p><b>Comment:</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>					
<b>Community Wildfire Protection Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Community Forest Management Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Transportation Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Agriculture Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Climate Action Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Tourism Plan</b>	No	-	No	-	-
<b>Comment:</b> A Tourism Plan may be considered for the future.					
<b>Business Development Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Other</b>	No	-	No	-	-



	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.
<i>Comment:</i>					
•					
<b>Response/Recovery Planning</b>					
<b>Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)</b>	Yes	Local	Yes	Yes	-
<i>Comment:</i>					
<ul style="list-style-type: none"> <li>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.</li> <li>The Office of Emergency Management is responsible for this plan.</li> </ul>					
<b>Threat &amp; Hazard Identification &amp; Risk Assessment (THIRA)</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Post-Disaster Recovery Plan</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Continuity of Operations Plan</b>	No	-	No	-	-
<i>Comment:</i>					
<b>Public Health Plan</b>	Yes	County	No	-	-
<i>Comment:</i>					
<b>Other</b>	No	-	No	-	-
<i>Comment:</i>					

**Table 9.7-4. Development and Permitting Capability**

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes, Construction Department
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 Borough has a buildable land inventory as part of its Housing Element.

**ADMINISTRATIVE AND TECHNICAL CAPABILITY**

The table below summarizes potential staff and personnel resources available to the Borough of Franklin.

**Table 9.7-5. Administrative and Technical Capabilities**

Staff/Personnel Resource	Available?	Department/Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	No	-
Environmental Board / Commission	No	-
Open Space Board / Committee	Yes	Part of the Planning Board
Economic Development Commission / Committee	Yes	Ad-hoc, now formalized





Staff/Personnel Resource	Available?	Department/Agency/Position
Warning Systems / Services (reverse 911, outdoor warning signals)	No	The Borough is seeking to implement a warning system.
Maintenance program to reduce risk	Yes	Franklin Borough Board of Public Works
Mutual aid agreements	Yes	Surrounding communities with written and verbal
<b>Technical/Staffing Capability</b>		
Planners or engineers with knowledge of land development and land management practices	Yes	Contractors (annually)
Engineers or professionals trained in building or infrastructure construction practices	Yes	Contractors (annually)
Planners or engineers with an understanding of natural hazards	Yes	Contractors (annually)
Staff with training in benefit/cost analysis	No	-
Staff with training in green infrastructure	Yes	French & Parrello Denis Keenan
Staff with education/knowledge/training in low impact development	Yes	French & Parrello Denis Keenan
Surveyor	Yes	Contractors (annually)
Stormwater engineer	Yes	French & Parrello Denis Keenan
Personnel skilled or trained in GIS applications	Yes	Contractors (annually)
Local or state water quality professional	Yes	Brian/Van Cleef Associates
Scientist familiar with natural hazards in local area	No	-
Emergency manager	Yes	OEM Coordinator
Watershed planner	No	
Environmental specialist	No	
Grant writers	Yes	Borough Staff
Resilience Officer	No	
Other:	No	-

**FISCAL CAPABILITY**

The table below summarizes financial resources available to the Borough of Franklin.

**Table 9.7-6. 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	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	No
No	No
State-Sponsored Grant Programs	Yes
No	No
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other	No



**EDUCATION AND OUTREACH CAPABILITY**

The table below summarizes the education and outreach resources available to the Borough of Franklin.

**Table 9.7-7. Education and Outreach Capabilities**

Criterion	Response
Do you have a public information officer or communications office?	Yes- Police Department
Do you have personnel skilled or trained in website development?	No
Do you have hazard mitigation information available on your website? -If yes, briefly describe.	Yes The Borough posts information about natural hazard events as well as COVID-19.
Do you use social media for hazard mitigation education and outreach? -If yes, briefly describe.	Yes- looking to expand
Do you have any citizen boards or commissions that address issues related to hazard mitigation? -If yes, briefly describe.	Yes-OEM Committee
Do you have any other programs already in place that could be used to communicate hazard-related information? If yes, briefly describe.	Yes- discussions with Borough Council

**COMMUNITY CLASSIFICATIONS**

The table below summarizes the classifications for community programs available to the Borough of Franklin.

**Table 9.7-8. Community Classifications**

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

**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 9.7-9. Adaptive Capacity**

Hazard	Adaptive Capacity (Capabilities) – Strong/Moderate/Weak
Dam Failure	Weak
Disease Outbreak	Moderate
Drought	Strong



Hazard	Adaptive Capacity (Capabilities) – Strong/Moderate/Weak
Earthquake	Weak
Flood	Moderate
Geologic	Weak
Hazardous Materials	Moderate
Hurricane and Tropical Storm	Moderate
Invasive Species	Strong
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 9.7-10. National Flood Insurance Program Compliance**

Criterion	Response
What local department is responsible for floodplain management?	Administrator
Who is your floodplain administrator? (name, department/position)	Deborah Bonanno, Administrator
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date that your flood damage prevention ordinance was last amended?	6/28/2011
Does your floodplain management program meet or exceed minimum requirements? -If exceeds, in what ways?	Unknown
When was the most recent Community Assistance Visit or Community Assistance Contact?	December 1, 1994
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
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?	The FPA indicated that lack of training, staff and funding are barriers to running an effective floodplain management program in the Borough.
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
How many flood insurance policies are in force in your jurisdiction?*	11 policies
-What is the insurance in force? -What is the premium in force?	



Criterion	Response
How many total loss claims have been filed in your jurisdiction?*	11 claims
-How many claims are still open or were closed without payment?	\$75,888 in payments
-What were the total payments for losses?	
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

Reference: FEMA 2020

**OPPORTUNITIES FOR FUTURE INTEGRATION**

- **Flood Damage Prevention Ordinance:** The Borough will update the Flood Damage Prevention Ordinance to include the state mandated freeboard requirement. (2021-Franklin-005)
- **Disaster Debris Management Plan:** The Borough will develop a Disaster Debris Management Plan. (2021-Franklin-006)
- **Wellhead Protection Ordinance:** The Borough will consider wellhead protection ordinances to protect its municipal water supply.

**9.7.5 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 Borough of Franklin’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 9.6-11 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 9.7-11. 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 <sup>rd</sup> and 24 <sup>th</sup> .	The Borough experienced excessive overtime due to snow removal operations, entailing 180.5 overtime hours across 10 full-time employees. The Borough also experienced excessive fuel costs and salt expenses associated with addressing the storm.
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.	The Borough was subject to municipal office closures and social distancing and masking requirements.

Source: FEMA 2020, NOAA NCEI 2020





### 9.7.6 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 Borough of Franklin 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 Borough of Franklin 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 Borough of Franklin has significant exposure.

#### REPETITIVE FLOOD LOSSES

The following summarizes the repetitive and severe repetitive flood losses in the Borough of Franklin.

- 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

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

Table 9.7-12. Critical Facilities and Lifelines Flood Exposure

Name	Type	Exposure	
		1% Event	0.2% Event
22-227 Franklin Pond Dam	Dam	X	X

Source: Sussex County Planning Partnership 2020

#### IDENTIFIED ISSUES AND PROBLEM AREAS

The jurisdiction has identified the following vulnerabilities within their community:

- During heavy rains, Franklin Pond crests over beach and causes erosion. It is filled in sand during storm events.
- On Rutherford Avenue, the drainage creek floods out because it cannot accept water fast enough
- Route 23- drainage system not designed to be large enough for deluges.

#### 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 Borough of Franklin 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 Borough of Franklin. The Borough of Franklin 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 Borough of Franklin agreed with the calculated hazard rankings.

**Table 9.7-13. Borough of Franklin Hazard Ranking**

Dam Failure	Disease Outbreak	Drought	Earthquake	Flood	Geologic
Low	Medium	Medium	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	Low

### 9.7.7 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 9.6-15 and Table 9.6-16 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 9.7-14. 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 #
Franklin Boro-1 (revised old #3)	Conduct a study on the redevelopment of Rutherford Avenue. This would allow traffic heading north and south when Route 23 is closed due to an emergency. Once study is complete, identify mitigation actions to complete this project.	Borough Engineer with support from NJDOT	No progress		
Franklin Boro-2 (revised old #2)	Ensure continuity of operations at critical facilities. Purchase and install a generators for critical facilities in Borough: <ul style="list-style-type: none"> <li>• First Aid Squad</li> <li>• Franklin Elementary School</li> <li>• Borough Hall</li> </ul>	Borough OEM	In progress	X	2021-Franklin-002



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 #
	<ul style="list-style-type: none"> <li>Borough's Board of Public Works Water Division facility</li> <li>Borough's Board of Public Works Road Division facility</li> </ul>				
Franklin Boro-3 (old #6)	Provide an all-hazards public education outreach program on mitigation related issues through social media and the Borough website.	Borough OEM	Ongoing capability / In progress	X	2021-Franklin-001
Franklin Boro-4 (new)	Support the mitigation of vulnerable structures via retrofit (e.g. elevation, flood-proofing) or acquisition/relocation to protect structures from future damage, with repetitive loss and severe repetitive loss properties as a priority when applicable. Phase 1: Identify appropriate candidates and determine most cost-effective mitigation option. Phase 2: Work with the property owners to implement selected action based on available funding and local match availability.	Engineering via NFIP FPA with NJOEM, FEMA support	Ongoing capability		
Franklin Boro-5 (new)	Identify and establish a reverse 911 system for the Borough to use to alert residents during emergencies. Once set up, create an outreach program to all the residents of the Borough on how to sign up and use the system.	Borough OEM	In progress	X	2021-Franklin-001
Franklin-6 (new)	Conduct a study on the flooding of the Wallkill River and its impacts on the homes along Newton Avenue.	Engineering with support from NJDEP and Fish and Wildlife	No progress	X	
Franklin-7 (new)	Purchase and install a 3,000 gallon bi-fuel tank at the DPW facility on Corkhill Road. The tank would hold 2,000 gallons of gasoline and 1,000 gallons of diesel fuel. The fuel will be used for municipal vehicles.	Borough OEM and DPW	No progress		

In addition to the above progress, the Borough of Franklin identified the following mitigation projects/activities that were completed but not identified in the 2016 HMP mitigation strategy:

- Backup generators have been installed at water pump stations and lift stations. The fire department and police department have generators, though the police department generator is undersized.





**PROPOSED HAZARD MITIGATION INITIATIVES FOR THE PLAN UPDATE**

The Borough of Franklin 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 Borough of Franklin 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 9.6-15 summarizes the comprehensive-range of specific mitigation initiatives the Borough of Franklin 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 9.6-16 provides a summary of the prioritization of all proposed mitigation initiatives for this HMP update.



Table 9.7-15. 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-Franklin-001	Outreach Program	<p><b>Problem:</b> The Borough has identified a need to better communicate hazard and disaster information to the public using the internet, social media, and traditional venues. Currently the Borough does not have as much direct control on the website.</p> <p><b>Solution:</b> The Borough proposes to develop and implement an outreach program that includes targeted outreach such as Reverse 9-1-1/textmygov, website and social media integration upgrades, and ADA compliance.</p>	Existing	All Hazards	1, 3, 4, 6	Borough Administrator; Website vendor; Emergency Management; Sussex County Sheriff	HMGF; County; Borough Appropriations	Enhanced understanding and awareness of hazards	\$10,000	Within one year	High	EAP	PR
2021-Franklin-002	Generators for Municipal Facilities	<p><b>Problem:</b> The Borough does not have generators for all municipal facilities. There are no standby generators available at the Rescue Squad, Franklin Elementary School, and Borough Hall. The Police Department’s current generator is undersized. These facilities are vulnerable to power outages that would disrupt the operation of municipal functions during a hazard event. The following generator sizes are identified:</p> <ul style="list-style-type: none"> <li>• Police Dept 50 KW Diesel or Propane</li> <li>• Borough Hall 100KW Natural Gas</li> <li>• DPW Water Utility 30KW Diesel/Propane</li> <li>• DPW Road Dept 75KW Diesel or Propane</li> <li>• Elementary School 500KW Natural Gas</li> <li>• First Aid Squad 22KW Diesel or Propane</li> </ul> <p><b>Solution:</b> The Borough proposes to purchase and install generators at municipal facilities, including Rescue Squad, Elementary School, Borough Hall, and Police Department.</p>	Existing	All Hazards	1, 2, 3, 5, 6	Borough OEM; Public Works	BRIC; HMGF; Borough Appropriations	Continued operations of facilities during hazard incidents	High	Within three years	High	SIP	PR



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-Franklin-003	Franklin Pond Flood Study	<p><b>Problem:</b> During heavy rains, Franklin Pond crests over the beach and causes erosion. It has filled in with sand during storm events. FEMA has reimbursed rather than provided funding for mitigation projects, which poses a financial hardship.</p> <p><b>Solution:</b> The Borough will conduct a flood study to determine what can be done to reduce flooding in Franklin Pond. Possible options include dredging of the pond, diverting runoff away from the pond, etc. Once cost-effective actions are identified, the Borough will carry out the selected actions.</p>	N/A	Flood; Hurricanes and Tropical Storms; Nor'easter's Severe Storms	2, 4, 5	Engineer	HMGP, BRIC, municipal budget	Reduction in flooding, silting of pond	TBD by flood study and selected actions	Within 5 years	Medium	SIP, NSP	SP, NR
2021-Franklin-004	Rutherford Avenue	<p><b>Problem:</b> The drainage creek on Rutherford Avenue floods out because it cannot accept water fast enough. FEMA has reimbursed rather than provided funding for mitigation projects, which poses a financial hardship.</p> <p><b>Solution:</b> The Borough Engineer will design a larger drainage creek with a greater varying capacity. The Borough will then make the necessary upgrades.</p>	Existing	Flood; Hurricanes and Tropical Storms; Nor'easter's Severe Storms	2, 4, 5	Engineer	HMGP, BRIC, Borough budget	Reduction of flooding at Rutherford Avenue	High	Within 5 years	High	SIP	SP
2021-Franklin-005	Flood Damage Prevention Ordinance Update	<p><b>Problem:</b> The Borough's Flood Damage Prevention Ordinance lacks language to include the state mandated freeboard requirement.</p> <p><b>Solution:</b> The Borough will update the Flood Damage Prevention Ordinance to include the state mandated freeboard requirement.</p>	New	Flood	2, 5	Administration	Borough budget	Meet state standards	Staff time	Within 6 months	High	LPR	PR
2021-Franklin-006	Disaster Debris Management Plan	<p><b>Problem:</b> The Borough lacks a Disaster Debris Management Plan.</p> <p><b>Solution:</b> The Borough will develop and adopt a Disaster Debris Management Plan. The Plan will include any necessary mutual aid discussions to supplement the Borough's capabilities.</p>	Existing	All Hazards	5, 6	OEM, Administration	Borough budget	Increased disaster capabilities	Staff time	2 years	High	LPR	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-Franklin-007	Wallkill Creek Flood Study	<p><b>Problem:</b> The Wallkill Creek passes through Franklin Borough and poses a flood risk for residents throughout the community.</p> <p><b>Solution:</b> The Borough will conduct a study on the flooding of the Wallkill River and its impacts on the homes along Newton Avenue.</p>	Existing	Flood; Hurricanes and Tropical Storms; Nor'easter's Severe Storms	2, 4, 5	Public Works	Borough budget	Enhanced understanding of flood issues	Low	Within five years	Medium	LPR	PR

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.





Table 9.7-16. 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-Franklin-001	Outreach Program	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High ▲
2021-Franklin-002	Generators for Municipal Facilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2021-Franklin-003	Franklin Pond	0	1	0	1	1	0	0	1	1	1	1	0	1	1	9	High
2021-Franklin-004	Rutherford Avenue	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2021-Franklin-005	Flood Damage Prevention Ordinance Update	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2021-Franklin-006	Disaster Debris Management Plan	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	High
2021-Franklin-007	Walkkill Creek Flood Study	1	1	0	0	0	1	1	0	0	0	1	0	1	1	7	Medium

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 9.7-17. 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	X		X
Disease Outbreak			X		X	X		X
Drought			X		X	X		X
Earthquake			X		X	X		X
Flood	X		X	X	X	X	X	X
Geologic			X		X	X		X
Hazardous Materials			X		X	X		X
Hurricane and Tropical Storm	X		X	X	X	X		X
Invasive Species			X		X	X		X
Nor'Easter	X		X	X	X	X		X
Severe Weather	X		X	X	X	X		X
Severe Winter Weather			X		X	X		X
Wildfire			X		X	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

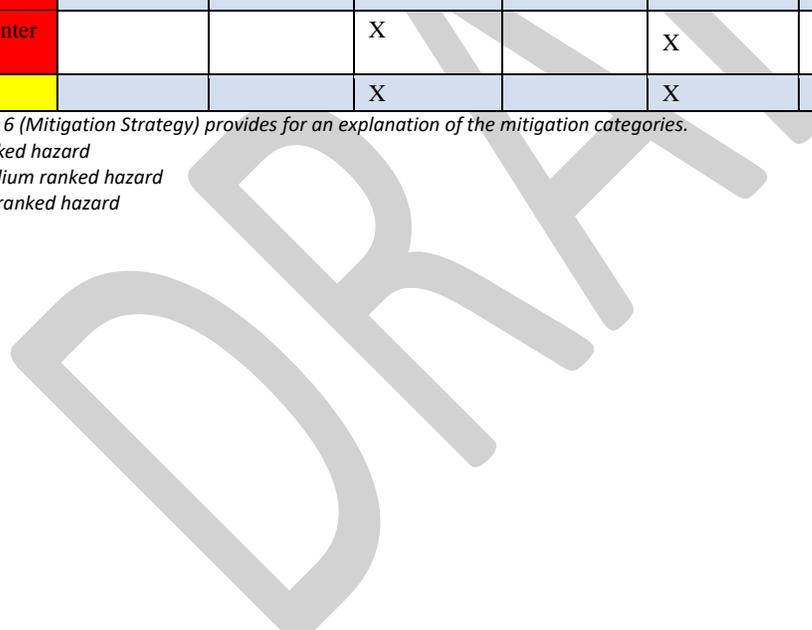




Figure 9.7-1. Borough of Franklin Hazard Area Extent and Location Map 1

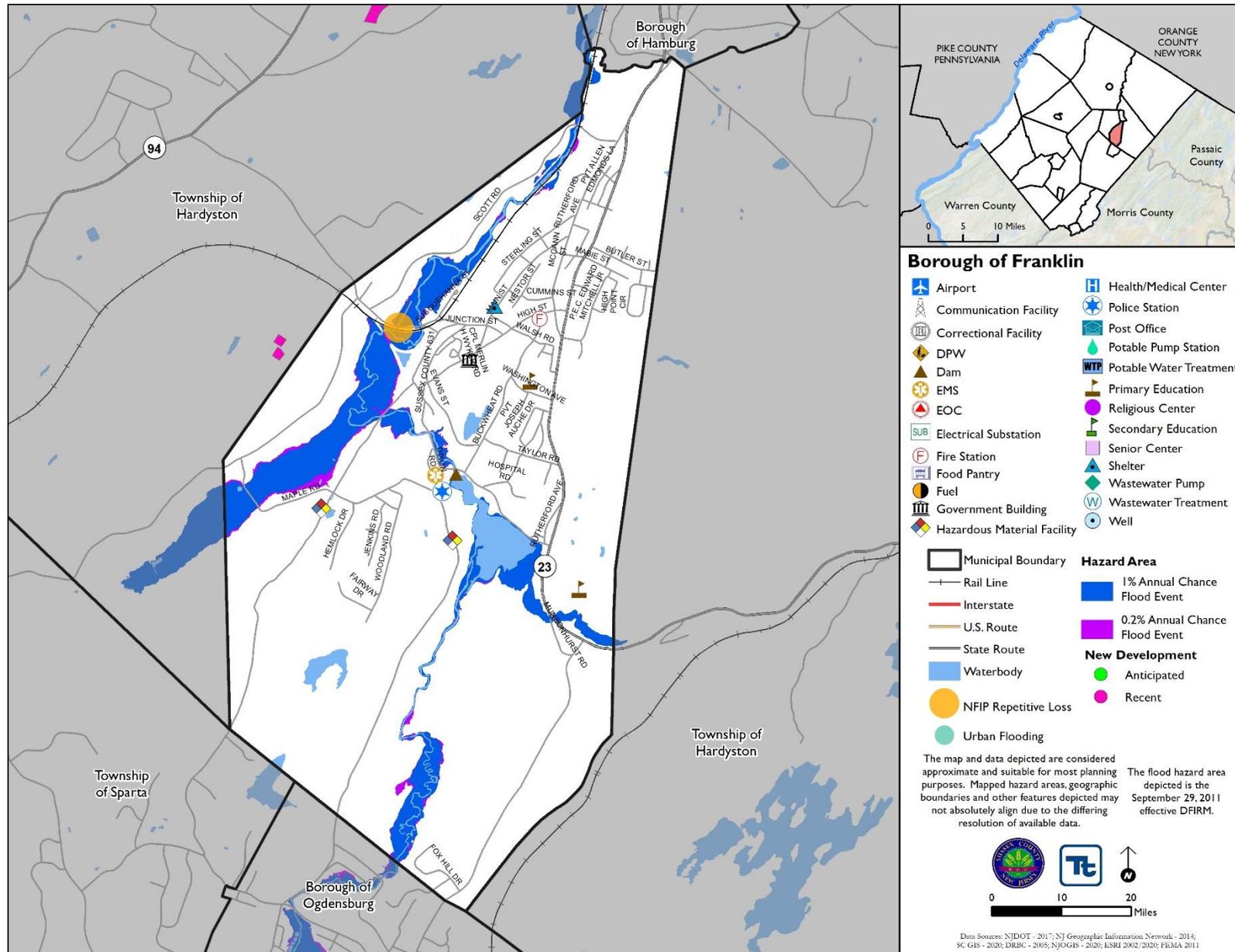




Figure 9.7-2. Borough of Franklin Hazard Area Extent and Location Map 2

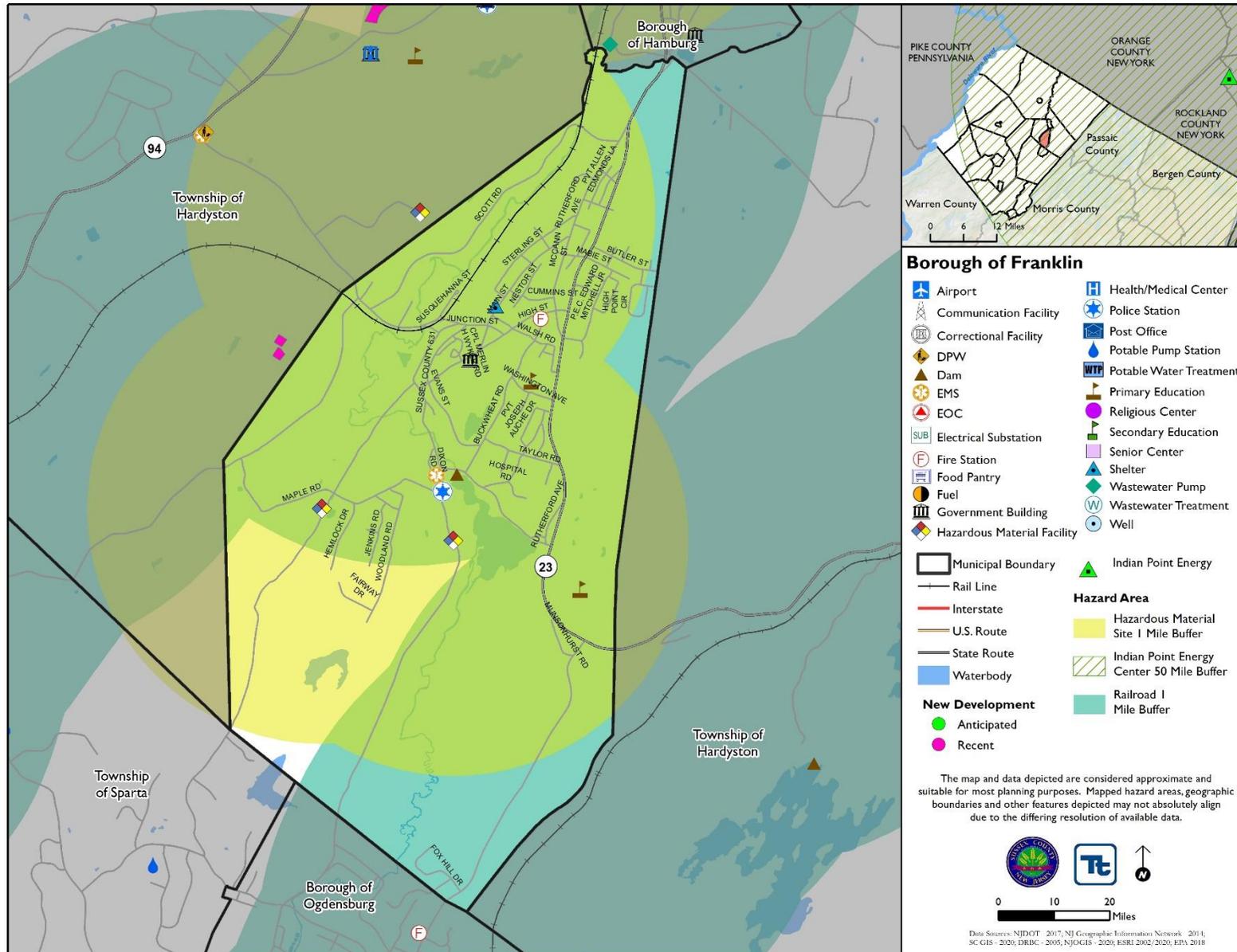
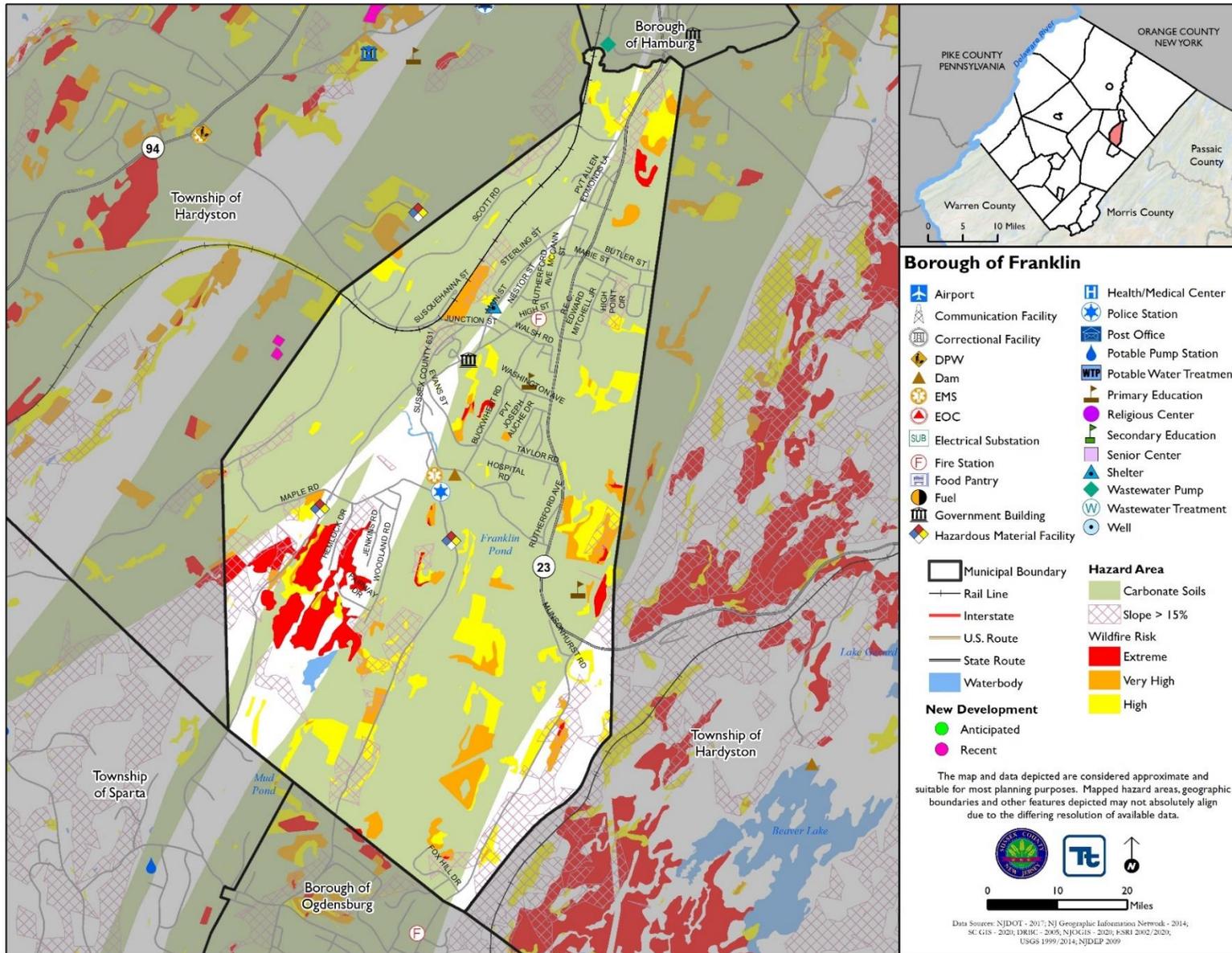




Figure 9.7-3 Borough of Franklin Hazard Area Extent and Location Map 3





Action Worksheet			
<b>Project Name:</b>	Outreach Program		
<b>Project Number:</b>	2021-Franklin-001		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	All Hazards		
<b>Description of the Problem:</b>	The Borough has identified a need to better communicate hazard and disaster information to the public using the internet, social media, and traditional venues. Currently the Borough does not have as much direct control on the website.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The Borough proposes to develop and implement an outreach program that includes targeted outreach such as Reverse 9-1-1/textmygov, website and social media integration upgrades, and ADA compliance.		
<b>Is this project related to a Critical Facility?</b>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Enhanced understanding and awareness of hazards
<b>Useful Life:</b>	Indefinite	<b>Goals Met:</b>	1, 3, 4, 6
<b>Estimated Cost:</b>	\$10,000	<b>Mitigation Action Type:</b>	Education and Awareness Programs
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within one year
<b>Estimated Time Required for Project Implementation:</b>	Six months	<b>Potential Funding Sources:</b>	HMGP; County; Borough Appropriations
<b>Responsible Organization:</b>	Borough Administrator; Website vendor; Emergency Management; Sussex County Sheriff	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Outsource	Medium	Less control over messaging
	Municipal outreach program	Low	Feasible
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Outreach Program	
<b>Project Number:</b>	2021-Franklin-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Hazard awareness will save lives
Property Protection	1	Outreach will include structural mitigation
Cost-Effectiveness	1	
Technical	1	Technically feasible
Political	1	
Legal	1	
Fiscal	1	
Environmental	1	
Social	1	Project will protect social cohesion
Administrative	1	Project is administratively feasible
Multi-Hazard	1	All hazards
Timeline	1	
Agency Champion	1	Administration/OEM will champion
Other Community Objectives	1	
<b>Total</b>	14	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Generators for Municipal Facilities		
<b>Project Number:</b>	2021-Franklin-002		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	All Hazards		
<b>Description of the Problem:</b>	<p>Problem: The Borough does not have generators for all municipal facilities. There are no standby generators available at the Rescue Squad, Franklin Elementary School, and Borough Hall. The Police Department’s current generator is undersized. These facilities are vulnerable to power outages that would disrupt the operation of municipal functions during a hazard event. The following generator sizes are identified:</p> <ul style="list-style-type: none"> <li>• Police Dept 50 KW Diesel or Propane</li> <li>• Borough Hall 100KW Natural Gas</li> <li>• DPW Water Utility 30KW Diesel/Propane</li> <li>• DPW Road Dept 75KW Diesel or Propane</li> <li>• Elementary School 500KW Natural Gas</li> <li>• First Aid Squad 22KW Diesel or Propane</li> </ul>		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The Borough proposes to purchase and install generators at municipal facilities, including Rescue Squad, Elementary School, Borough Hall, and Police Department.		
<b>Is this project related to a Critical Facility?</b>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Continued operations of facilities during hazard incidents
<b>Useful Life:</b>	30 years	<b>Goals Met:</b>	1, 2, 3, 5, 6
<b>Estimated Cost:</b>	High-TBD	<b>Mitigation Action Type:</b>	Structure and Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within three years
<b>Estimated Time Required for Project Implementation:</b>	1 year	<b>Potential Funding Sources:</b>	BRIC; HMGP; Borough Appropriations
<b>Responsible Organization:</b>	Borough OEM; Public Works	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Current problem continues
	Microgrid	High	Too expensive
	Targeted generators	High	Cost feasible
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Generators for Municipal Facilities	
<b>Project Number:</b>	2021-Franklin-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Critical facilities will protect life safety
Property Protection	1	Project will protect critical facilities
Cost-Effectiveness	1	
Technical	1	Generators are technically feasible
Political	1	Generators are politically feasible
Legal	1	
Fiscal	1	
Environmental	1	
Social	1	Critical facility protection will protect social cohesion
Administrative	1	
Multi-Hazard	1	All Hazards
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
<b>Total</b>	14	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Franklin Pond		
<b>Project Number:</b>	2021-Franklin-003		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood, Severe Weather		
<b>Description of the Problem:</b>	During heavy rains, Franklin Pond crests over the beach and causes erosion. It has filled in with sand during storm events. FEMA has reimbursed rather than provided funding for mitigation projects, which poses a financial hardship.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The Borough will conduct a flood study to determine what can be done to reduce flooding in Franklin Pond. Possible options include dredging of the pond, diverting runoff away from the pond, etc. Once cost-effective actions are identified, the Borough will carry out the selected actions.		
<b>Is this project related to a Critical Facility or Lifeline?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Level of Protection:</b>	TBD by flood study and selected actions	<b>Estimated Benefits (losses avoided):</b>	Reduction in flooding, silting of pond
<b>Useful Life:</b>	TBD by flood study and selected actions	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	TBD by flood study and selected actions	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects, Natural Systems Protection
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 5 years
<b>Estimated Time Required for Project Implementation:</b>	5 years	<b>Potential Funding Sources:</b>	HMGP, BRIC, municipal budget
<b>Responsible Organization:</b>	Engineer	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard mitigation planning, stormwater planning
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Current problem continues
	Elevate nearby roadways	\$500,000	Costly and may not solve problem
	Relocate nearby roadways and properties	N/A	Not possible
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Franklin Pond	
<b>Project Number:</b>	2021-Franklin-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	.
Property Protection	1	Reduction in flooding risk
Cost-Effectiveness	0	
Technical	1	Technically feasible project
Political	1	
Legal	0	The Borough may require permitting to conduct the project.
Fiscal	0	Project will require grant funding.
Environmental	1	Reduces silting of pond
Social	1	Project would reduce flooding impacts.
Administrative	1	
Multi-Hazard	1	Flood, Severe Weather
Timeline	0	
Agency Champion	1	Engineer
Other Community Objectives	1	
<b>Total</b>	9	
<b>Priority (High/Med/Low)</b>	High	



Action Worksheet			
<b>Project Name:</b>	Rutherford Avenue		
<b>Project Number:</b>	2021-Franklin-004		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood, Severe Weather		
<b>Description of the Problem:</b>	Rutherford-drainage creek floods out because it can't accept water fast enough. FEMA has reimbursed rather than provided funding for mitigation projects, which poses a financial hardship.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	The Borough Engineer will design a larger drainage creek with a greater varying capacity. The Borough will then make the necessary upgrades.		
<b>Is this project related to a Critical Facility?</b>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Level of Protection:</b>	At least a 5-year event; will be determined once project is complete	<b>Estimated Benefits (losses avoided):</b>	Reduction of flooding at Rutherford Avenue
<b>Useful Life:</b>	30 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	High	<b>Mitigation Action Type:</b>	Structure and Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 5 years
<b>Estimated Time Required for Project Implementation:</b>	1 year	<b>Potential Funding Sources:</b>	HMGP, BRIC, Borough budget
<b>Responsible Organization:</b>	Engineer	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
Three Alternatives Considered (including No Action)			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Current problem continues
	Remove nearby road and properties	Very High	Roadway cannot be removed
	Relocate road and properties to another location	N/A	Not feasible
Progress Report (for plan maintenance)			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Rutherford Avenue	
<b>Project Number:</b>	2021-Franklin-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect roadway from flooding, damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	Borough has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Weather, Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer
Other Community Objectives	1	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	