



## 9.39 Township of Willingboro

This section presents the jurisdictional annex for the Township of Willingboro.

### 9.39.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
John Carroll, EMC One Rev. Dr. Martin Luther King Jr. Dr., Willingboro, NJ 08046 jcarroll@willingboronj.gov	Richard Brevogel, Acting Twp. Manager One Rev. Dr. Martin Luther King Jr. Dr., Willingboro, NJ 08046 609.877.2200 ext. 1105 rbrevogel@willingboronj.gov

### 9.39.2 Municipal Profile

The Township of Willingboro is located in the northwestern portion of Burlington County along the Rancocas River. The Township encompasses 8.150 square miles, including 7.738 square miles of land and 0.412 square miles of water. The Township is bordered by Route 130 on the north, Rancocas Creek on the west, Westampton Township on the south, and Burlington Township on the east. According to the 2010 Census, the community's population was 31,629.

The Township of Willingboro is governed under the Council-Manager (Faulkner Act) form of government. Under this form, the council is the legislative body of the municipality but also appoints the positions of Municipal Clerk, Tax Assessor and well as provides for appointments of members of Boards, Commissions and Authorities. Perhaps most importantly, the council appoints a qualified manager to serve as the chief executive.

The mayor serves as the presiding member of the council. The Manager has the full administrative responsibility for the municipality, including appointment of department heads as well as subordinates, preparation and presentation of the budget and the negotiation of contracts.

### Growth/Development Trends

The following table summarizes recent residential/commercial development since 2013 to present and any known or anticipated major residential/commercial development and major infrastructure development that has been identified in the next five years within the municipality. Refer to the map in 9.39.8 of this annex which illustrates the hazard areas along with the location of potential new development.

**Table 9.39-1. Growth and Development**

Property or Development Name	Type (e.g. Res., Comm.)	# of Units / Structures	Location (address and/or block/lot)	Known Hazard Zone(s)	Description/Status of Development
<b>Recent Development from 2013 to present</b>					
AVERY	RES	4 Structures/400 plus apartments	4236 Route 130 N Willingboro NJ 08046	None	4 Buildings completed starting in 2013
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
Grand Market Place Redevelopment	Comm	1	Route 130	None	Not submitted to Planning Board yet





\* Only location-specific hazard zones or vulnerabilities identified.

### 9.39.3 Natural Hazard Event History Specific to the Municipality

Burlington County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. For the purpose of this plan update, events that have occurred in the County from 2013 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

**Table 9.39-2. Hazard Event History**

Dates of Event	Event Type (Disaster Declaration if applicable)	Burlington County Designated?	Summary of Damages/Losses
April 30-May 1, 2014	Heavy Rain and Flooding	No	Heavy rain caused considerable poor drainage and creek flooding in the northern Burlington County. Rancocas Creek was hit the hardest by flooding. Many roads were flooded and closed. Approximately \$1 million in property damage in the County.
June 23, 2015	Severe Storm (DR-4231)	Yes	\$10 million in property damage in the County (\$8 million in Medford, \$1 million in Mt Laurel and \$1 million in Medford Lakes)
January 22-24, 2016	Severe Winter Storm (DR-4264)	Yes	Heavy snow fell throughout the County; snowfall totals ranged from 12 inches to 16.4 inches.

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- N/A Not applicable

### 9.39.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Township of Willingboro. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

#### Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Township of Willingboro. During the review of the hazard/vulnerability risk ranking, the Township indicated the following:

- Flood was changed from a low hazard to a medium hazard.
- Wildfire was changed from a low hazard to a medium hazard.



**Table 9.39-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard <sup>a, c</sup>	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking <sup>b</sup>
Coastal Erosion	RCV Exposed to CE Hazard Area: \$53,339,755	Occasional	12	Low
Drought	Damage estimate not available.	Frequent	36	High
Earthquake	100-Year GBS: \$0 500-Year GBS: \$4,595,271 2,500-Year GBS: \$67,289,902	Occasional	28	Medium
Flood*	1% Annual Chance: \$140,529,678	Frequent	18	Medium
Landslide	RCV Exposed to Landslide Hazard Area \$2,118,873,603	Occasional	26	Medium
Severe Storm	100-year MRP: \$5,544,354 500-year MRP: \$36,200,597 Annualized: \$285,919	Frequent	48	High
Severe Winter Weather	1% GBS: \$52,812,478 5% GBS: \$264,062,392	Frequent	51	High
Wildfire*	Estimated Value in the Extreme, Very High, and High Hazard Areas: \$0	Occasional	16	Medium

**Notes:**

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
  - b. The valuation of general building stock and loss estimates was based on custom inventory for the municipality.  
High = Total hazard priority risk ranking score of 31 and above  
Medium = Total hazard priority risk ranking of 20-30+  
Low = Total hazard risk ranking below 20
  - c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
  - d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
  - e. The HAZUS-MH earthquake model results are reported by Census Tract.
- \* The Township of Willingboro changed the risk rankings for flood from low to medium and wildfire from low to medium.

**National Flood Insurance Program (NFIP) Summary**

The following table summarizes the NFIP statistics for the Township of Willingboro.

**Table 9.39-4. NFIP Summary**

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
Township of Willingboro	177	30	\$688,095.88	2	0	1

Source: FEMA Region 2 2017, 2018

(1) Repetitive loss and severe repetitive loss statistics provided by FEMA Region 2 and are current as of 10/31/2017. Policy and claims statistics current as of 9/30/2018  
Please note the total number of repetitive loss properties does not include the severe repetitive loss properties. The number of claims represents claims closed by 9/30/2018.

(2) Total building and content losses from the claims file provided by FEMA Region 2.

(3) The policies inside and outside of the flood zones are based on the addresses geocoded from the FEMA Region 2 policy file – 10/31/2017.

Notes: FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility.





A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case.

### Critical Facilities

The table below presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of the damage and loss of use to critical facilities in the community as a result of a 1-percent annual chance flood event.

**Table 9.39-6. Potential Flood Losses to Critical Facilities**

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
None identified.					

Source: FEMA 2017, Burlington County  
 Note: - = Damages not calculated by HAZUS-MH v4.0

### Other Vulnerabilities Identified

The municipality has not identified any vulnerabilities within their community.

### 9.39.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of mitigation planning into existing and future planning mechanisms

### Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Township of Willingboro.

**Table 9.39-7. Planning and Regulatory Tools**

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				
Master Plan	Yes (May 2018)	Local	Manager Office/ Engineer	Master Plan
Capital Improvements Plan	Yes (May 2018)	Local	Manager Office/Finance	Capital Improvements Plan
Floodplain Management / Basin Plan	Yes (March 2013)	County	-	Floodplain Management Plan
Stormwater Management Plan	Yes (March 2013)	-	PW/Engineer	Chapter 324



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Open Space Plan	Yes (March 2013)	Local	Engineer	Part of Master Plan
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	Yes (March 2013)	Local	Manager / Clerk	-
Comprehensive Emergency Management Plan	Yes	Local/County	OEM	-
Emergency Operation Plan	Yes	-	OEM	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:	-	-	-	-
<b>Regulatory Capability</b>				
Building Code	Yes (March 2013)	State & Local	Inspections	Uniform Construction Code
Zoning Ordinance	Yes (March 2013)	Local	Clerk	Chapter 370
Subdivision Ordinance	Yes (March 2013)	-	Clerk	Chapter 370
NFIP Flood Damage Prevention Ordinance	Yes (Revised in November 2017)	Federal, State, Local	Construction Official	Chapter 175
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local	Construction Official	In SFHA, residential new construction and substantial improvements must have the lowest floor, including basement, elevated to or above the BFE
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	Yes (March 2013)	-	Planning Board/Engineer	Chapter 205
Storm water Management Ordinance	Yes (March 2013)	-	PW/Engineer	Chapter 324
Municipal Separate Storm Sewer System (MS4)	Yes	Local	Police Department	Chapter 291
Stormwater Program Ordinances <ul style="list-style-type: none"> <li>• Pet waste</li> <li>• Litter Control</li> <li>• Improper Disposal of Waste</li> <li>• Wildlife Feeding</li> <li>• Yard Waste Collection</li> </ul>	Yes	Local	-	Chapter 99, Article II: Pet Waste; Chapter 219 Littering; Chapter 99, Article III: Wildlife Feeding; Chapter 314 Solid Waste, Article IV: Yard Waste Collection; Chapter 291 Sewers, Article IV: Illicit Connections; Chapter 291 Sewers, Article V Private Storm Drain Inlet



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<ul style="list-style-type: none"> <li>• Illicit Connection</li> <li>• Private Storm Drain Retrofitting</li> <li>• Refuse Container / Dumpster (optional)</li> </ul>				Retrofitting; Chapter 314 Solid Waste, Article V Refuse Containers and Dumpsters
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	-	-
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	-	-	-	-

### Administrative and Technical Capability

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

**Table 9.39-8. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Clerk
Mitigation Planning Committee	No	-
Environmental Board/Commission	Yes	Clerk
Open Space Board/Committee	No	-
Economic Development Commission/Committee	Yes	Clerk
Maintenance programs to reduce risk	Yes	DPW/Engineer/Inspections
Mutual aid agreements	Yes	Fire Department
<b>Technical/Staffing Capability</b>		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Township Engineer
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Township Engineer
Planners or engineers with an understanding of natural hazards	Yes	Township Engineer
NFIP Floodplain Administrator (FPA)	Yes	Inspections Construction Official
Surveyor(s)	Yes	Township Engineer
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Township Engineer/DPW
Scientist familiar with natural hazards	No	-
Emergency Manager	Yes	Office of Emergency Management
Grant writer(s)	Yes	Independent Hire
Staff with expertise or training in benefit/cost analysis	Yes	DPW Director/Finance Officer



Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Professionals trained in conducting damage assessments	Yes	Engineer

### Fiscal Capability

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

**Table 9.39-9. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
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
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	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	No
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	No
Other	-

### Community Classifications

The table below summarizes classifications for community program available to the Township of Willingboro.

**Table 9.39-10. Community Classifications**

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	N/A	N/A
Building Code Effectiveness Grading Schedule (BCEGS)	No	N/A	N/A
Public Protection (ISO Fire Protection Classes 1 to 10)	No	N/A	N/A
Storm Ready Certification	No	N/A	N/A
Firewise Communities classification	No	N/A	N/A
Natural disaster/safety programs in/for schools	No	-	-
Organizations with mitigation focus (advocacy group, non-government)	No	-	-
Public education program/outreach (through website, social media)	No	-	-
Public-private partnership initiatives addressing disaster-related issues	No	-	-

Note:

- N/A Not applicable
- NP Not participating
- Unavailable





The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1000 feet of a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- The National Weather Service Storm Ready website at <http://www.stormready.noaa.gov/index.html>
- The National Firewise Communities website at <http://firewise.org/>

### Self-Assessment of Capability

The table below provides an approximate measure of the Township of Willingboro’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9.39-11. Self-Assessment Capability for the Municipality**

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?) *	Moderate	High
Planning and regulatory capability	X: Staffing		
Administrative and technical capability	X: Staffing		
Fiscal capability		X	
Community political capability		X	
Community resiliency capability	X: Large Senior Population		
Capability to integrate mitigation into municipal processes and activities	X: Staffing and Funding		

### National Flood Insurance Program

#### NFIP Floodplain Administrator (FPA)

Steve Buchhofer, Construction Official

#### Flood Vulnerability Summary

The Township of Willingboro does not maintain lists or inventories of properties that have been flood damaged. There have been no structures damaged in the past 3 years. The Township does not make substantial damage estimates. The FPA indicated that there are currently no residents interested in elevation or mitigation.



## Resources

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The FPA assumes the responsibilities of floodplain administration for the Township of Willingboro. NFIP administration services and functions provided to residents of Willingboro include inspections and damage assessments. The Township does not provide education to the community regarding flood hazards/risk or flood risk reduction. The FPA stated there are currently no barriers to running an effective floodplain management program and feels adequately supported and trained to fulfill his responsibilities as the municipal floodplain administrator. The FPA would consider attending continuing education and certification training on floodplain management if it were offered in the future.

## Compliance History

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The Township is in good compliance with the NFIP. The FPA did not know when the last Community Assistance Visit was conducted.

## Regulatory

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The Township of Willingboro floodplain management ordinance meets the minimum set by FEMA and the State of New Jersey. The FPA indicated that grading/drainage is always reviewed to support floodplain management. The FPA was unsure if the Township had considered joining the CRS program in the past or if the Township would consider attending a local seminar on the program.

## Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

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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, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

## Planning

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**Hazard Mitigation:** The Township actively participated in the 5-year update of the Burlington County Hazard Mitigation Plan. The Township continues to support the implementation, monitoring, maintenance, and updating of the plan.

**Master Plan:** The Township of Willingboro's Master Plan was recently reexamined. The plan was adopted in May of 2018.

**Stormwater Management Plan:** The Township of Willingboro's Stormwater Management Plan (Chapter 324 of the municipal code) was adopted in 2013. The Plan is coordinated with the NJ DEP Storm Water Permit.

**Emergency Operations Plan:** The Township of Willingboro's Emergency Operations Plan is coordinated through local OEM office and County.

## Regulatory and Enforcement (Ordinances)

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The municipal codebook for the Township of Willingboro is found online at <https://www.ecode360.com/wi3070>.

**Flood Damage Prevention Ordinance:** The purpose of the Flood Damage Prevention Ordinance (Chapter 175 of the municipal code) is 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 protect human life and health.



- To minimize the expenditure of public money for costly flood-control projects.
- To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public.
- To minimize prolonged business interruptions.
- To minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in areas of special flood hazard.
- To help maintain a stable tax base by providing for the sound use and development of areas of special flood hazard so as to minimize future flood blight areas.
- To ensure that potential buyers are notified that property is in an area of special flood hazard.
- To ensure that those who occupy the areas of special flood hazard assume responsibility for their actions.

**Zoning Code:** The purpose of the Township of Willingboro Zoning Code (Chapter 370 of the municipal code) is to encourage the most appropriate use of land throughout the Township and to conserve the value of property, with reasonable consideration for the character of the zone and its peculiar suitability for particular uses, all in accordance with a comprehensive plan designed to lessen congestion in the streets; to secure safety from fire, panic and other dangers; to promote health and the general welfare; to provide adequate light and air; to prevent the overcrowding of land, to avoid undue concentration of population, and to that end to regulate the height, design, appearance, number of stories and size of buildings and other structures; the percentage of the area of the lot that may be occupied; the size of yards, courts, and other open spaces; the density of population, and the location and use of buildings, structures and land for trade, industry, residence or other purposes; and the height, size, and location of these uses within the limits of the Township.

**NJDEP Municipal Stormwater Regulation Program:** New Jersey Department of Environmental Protection issued the statewide municipal stormwater permits that became effective January 1, 2018 and authorizes stormwater discharges from municipal separate storm sewer systems (MS4s) to the waters of the state. Municipalities that have been issued a Notice of Authorization (NOA) to discharge under the Tier A (urban and coastal municipalities) or Tier B (more rural municipalities) master general permit must develop and implement a stormwater program. The first New Jersey Pollutant Discharge Elimination System (NJPDES) permit authorizing discharges from MS4 municipalities became effective in 2004 (subsequently renewed in 2009 and now in 2018), so most municipalities have developed stormwater programs; however, the 2018 permit requires municipalities to maintain a stormwater management plan and enforce stormwater ordinances to address development and redevelopment consistent with the Stormwater Management rules at N.J.A.C 7:8, as well as implementation of additional requirements. For more information on the municipal stormwater regulation program, see [http://www.nj.gov/dep/dwq/msrp\\_home.htm](http://www.nj.gov/dep/dwq/msrp_home.htm). The Township of Willingboro is a Tier A municipality.

**Stormwater Management:** Chapter 324 of the municipal code discusses stormwater management. The chapter is intended to regulate the feeding of wildlife, disposal of waste, including pet solid waste, yard waste collection, litter, and other waste and pollution that may find its way into stormwater runoff in order to improve, preserve and protect the water quality of waters and streams within the Township and surrounding communities that may be downstream from the Township so as to protect the health safety and welfare of the public. This chapter also regulates connections to the municipal separate storm sewer system (MS4) operated by the Township and establishes penalties for violations of the provisions of this chapter.

### Operational and Administration

**Mutual Aid Agreements:** The Township maintains mutual aid agreements with neighboring communities for continuity of operations.



**Floodplain Administrator Participation:** The Township promotes the participation of the Floodplain Administrator within the hazard mitigation planning process and other plans and activities.

**Vegetation Management:** The Township DPW maintains a tree maintenance and clearing program along roadways in high hazard areas.

**Information Sharing:** The Township is working with Burlington County to improve municipal communications systems to include information sharing with the county and surrounding municipalities in the event of a hazard event or emergency. Please refer to Section 9.1 (Burlington County) for this countywide initiative. The Township also utilizes the Swift911 Emergency Notification System and Nixle to enhance communications.

**Planning Board:** The Land Use Planning Board is comprised of seven members and has the following powers and duties:

- To make and adopt and from time to time amend a Master Plan for the physical development of the Township, in accordance with the provisions of N.J.S.A. 40:55D-28.
- To administer the provisions of Chapter 205, Land Subdivision and Site Plan Review, of the Code of the Township of Willingboro in accordance with the provisions of such ordinances, the Official Map and the Municipal Land Use Law.
- To issue permits for conditional uses.
- To participate in the preparation and review of programs or plans required by state or federal laws or regulations.
- To assemble data on a continuing basis as part of a continuous planning process.
- To annually prepare a program of Township capital improvement projects projected over a term of six years, and amendments thereto, and recommend same to the Township Council.
- To consider and make report to the Township Council within 35 days after referral as to any proposed development regulation submitted to it pursuant to the provisions of N.J.S.A. 40:55D-26a, and also to pass upon other matters specifically referred to the Planning Board by the Township Council or the Zoning Board of Adjustment, pursuant to the provisions of N.J.S.A. 40:55D-26b.

**Environmental Commission:** The ordinance establishing a conservation commission in Willingboro Township was passed in 1971 and is codified as municipal ordinance #2-21. Of particular note are the following passages which enumerate its powers:

- The promotion of the conservation and development of the natural resources of the Township of Willingboro.
- The planning, implementing, and informing of the general public with respect to local conservation programs.
- The responsibility to compile and maintain an index of all open areas publicly or privately owned, including marshland, swamps, and other wetlands.
- The conduct of all appropriate research in the possible use or uses of open spaces in the Township of Willingboro.
- The submission of recommendations to the Planning board of appropriate plans and programs for inclusion in the Township Master Plan, and for the development and use of said areas.
- Preparation of advertisements, books, maps, charts and other appropriate materials necessary to the discharge of its duties and the distribution of the same.
- To act as a coordinating agency in the community with respect to conservation matters and as a liaison between local conservation needs and the regional, state, and federal agencies responsible for administering to those needs.



## Funding

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The Township of Willingboro has a line for mitigation project funding in the municipal/operating budget. The Capital Improvement Budget also has a line item for mitigation project funding. The Township has provided funding for mitigation projects identified in the hazard mitigation plan and has provided protection for buildings/infrastructure in high hazard areas.

The Township has identified various financial resources that are available including Community Development Block Grants; Capital Improvements Project Funding; authority to levy taxes for specific purposes; user fees for water, sewer, gas, or electric services; impact fees for homebuyers or developers of new development/homes; state mitigation grant programs; and incurring debt through general obligation bonds, special tax bonds, and private activity bonds.

## Education and Outreach

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The Township of Willingboro offers training on best practices for hazard mitigation, hazard identification, and other training related to hazard mitigation. The Township also conducts outreach on hazards through various methods.

The Township maintains a municipal website (<https://www.willingboronj.gov/>) where they post information regarding upcoming community events, important municipal decisions, and information about the municipality. The Township also maintains a Facebook page, Twitter account, and Instagram account with similar information. The Police and Fire Departments also maintain a social media presence.

Burlington County utilizes the Swift911 Emergency Notification system. Swift911 is used in order to keep residents informed during fires, outages, floods, hurricanes, evacuations, road closures and more. All notifications are delivered for the sole purpose of delivering emergency messages and public notifications that are time sensitive in order to increase the safety and security. This service is also extended to the 40 municipalities within Burlington County, including the Township of Willingboro.

Similar to Swift911, the Township utilizes Nixle. Nixle is a messaging service that residents can register for that allows messages to be sent by government agencies to local residents via phone, email, and web. Nixle can be used for emergency or non-emergency situations.

### 9.39.6 Mitigation Strategy and Prioritization

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

#### Past Mitigation Initiative Status

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The following table indicates progress on the community's mitigation strategy identified in the 2013 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under 'Capability Assessment' presented previously in this annex.



Table 9.39-12. Status of Previous Mitigation Actions

Action Number	2013 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Steps 1. Project to be included in 2019 HMP or Discontinue 2. If including action in the 2019 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
WB-1	Obtain an Emergency Notification System for residents	Managers Office	Complete	The township uses a reverse 911 system for notifications of any event. Police use Nixel system. 2. No obstacles were encountered. Policies and procedures were implemented. 3. Local budget funds program.	1. Include in 2019 HMP Action in 2019 includes allowing notifications and township information to be delivered to residents in manner in which they wish to receive it. Cell phone, email, phone call, text, etc....
WB-2	Obtain training for NFIP Coordinator	Inspections, Code Enforcement	In Progress	The township needs to train new designated officials 2. 3.	1. Include in 2019 HMP 2. Training to occur in 2019
WB-3	Obtain Back Up Power for DPW / Alternate OEM Office	OEM/DPW	No Progress	1. 0% 2. Budgetary constraints 3.	1. Include in 2019 HMP 2. Look for sources of funding for critical facilities.
WB-4	Obtain MS4 System Municipal Separate Storm Sewer System to assist with debris management	DPW	In Progress	During storm restoration volunteered to be a debris management site with FEMA representatives. 2. 3.	1. Include in 2019 HMP. 2. Work with OEM to facilitate a plan.
WB-5	Address dangerous trees threatening people and property through proactive tree-trimming (vegetation management) programs in conjunction with property owners and utility companies.	Municipal DPW	In progress	In last 5 years township has removed over 100 trees identified as hazardous with cooperation with local utility. In addition, funding is provided for tree contractors "on call" to remediate trees issues 2. 3.	1. Discontinue 2. Ongoing capability
WB-6	Evaluate benefits of participating in CRS program	Twp. Committee; Planning	No Progress	1. 0% Process for administration of CRS program is overwhelming based on current staffing 3.	1. Discontinue 2. Not enough staff time
WB-7	Conduct and facilitate community and public education and outreach for residents and businesses to promote natural hazard risk reduction to include: • Disaster preparedness • Hazard mitigation	Municipality with support from Planning Partners, County Planning,	In Progress	Township OEM has developed and trained CERT Team members. 2. 3. Local Budget funded.	1. Discontinue 1. Ongoing capability



Action Number	2013 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Steps 1. Project to be included in 2019 HMP or Discontinue 2. If including action in the 2019 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
		NJOEM, FEMA			
WB-8	Improve municipal communications systems to include information sharing with county and surrounding municipalities.	Municipality with support from County, NJOEM and FEMA	Complete	1. Developed new website for municipality. Hired Assistant PIO. 2. Local Budget Funded.	1. Discontinue 2. Ongoing capability
WB-9	Obtain and install backup power sources at critical facilities.	Municipality with support from County, NJOEM and FEMA	No Progress	1. 0% 2. Funding limitations have prevented this investment.	1. Include in 2019 HMP. 2. Look for funding opportunities through grants
WB-10	Create/Enhance/Maintain Mutual Aid agreements with neighboring communities for continuity of operations	Municipality with support from County, NJOEM, FEMA and surrounding communities	In Progress	1. Township has established mutual aid agreements in Fire Department	1. Discontinue 2. Ongoing capability
WB-11	Continue to support the implementation, monitoring, maintenance, and updating of this Plan through participating in the 5 year Plan Update	Municipality with support from Planning Partners, County Planning, NJOEM, FEMA	In Progress	1. Ongoing	1. Discontinue 2. Ongoing capability
WB-12	Promote the participation of Floodplain Administrator within the planning process and other related activities.	Municipality with support from County, NJOEM and FEMA	In Progress	Implementation of New Flood Ordinance in November 2017. Part of project review process. 2. 3. Local budget	1. Include in 2019 HMP 2. Train new officials in flood plain management.
WB-13	Enhance resilience to severe storms by joining the NOAA "Storm Ready" program.	Municipality with support from County,	No Progress	1. 0% 2. Staffing limitations	1. Include in 2019 HMP 2. Look into what needs to be done to incorporate into Local planning



Action Number	2013 Mitigation Action	Responsible Party	Status (In progress, No progress, Complete)	Describe Status 1. Please describe what was accomplished and indicate % complete. 2. If there was no progress, indicate what obstacles/delays encountered? 3. If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)?	Next Steps 1. Project to be included in 2019 HMP or Discontinue 2. If including action in the 2019 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
		NJOEM and FEMA			
WB-14	Provide public education and outreach on proper installation and/or use of backup power	Municipal Clerk	In Progress	1. Post PSEG Bulletins on township website. 2. No obstacles. 3. Local Budget funding.	1. Include in 2019 HMP 2. Increase scope of outreach



### Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Township of Willingboro has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2013 Plan:

- None identified

### Proposed Hazard Mitigation Initiatives for the Plan Update

The Township of Willingboro participated in a mitigation action workshop in March 2018 and was provided 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).

Table 9.39-13 summarizes the comprehensive-range of specific mitigation initiatives the Township of Willingboro would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may 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, 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 your actions as ‘High’, ‘Medium’, or ‘Low.’ The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.39-14 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.39-13. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Critical Facility (Y/N)	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
Twp. Willingboro-1 (former WB-1)	Obtain an Emergency Notification System for residents, allowing notifications and township information to be delivered to residents in manner in which they wish to receive it. Cell phone, email, phone call, text, etc.	No	All Hazards	1, 3	Managers Office	High	Medium	Federal Grants, Municipal Budget	Short Term	High	SIP	ES
Twp. Willingboro-2 (former WB-2)	Conduct training for NFIP Coordinator in 2018.	No	Flood	1	Inspections, Code Enforcement	High	Low	Municipal Budget	Short Term	Medium	LPR	PR
Twp. Willingboro-3 (former WB-3)	Obtain Back Up Power for DPW / Alternate OEM Office. Look for sources of funding for critical facilities.	Yes	All Hazards	1, 3	OEM/DPW	High	Medium	Federal Grants	Short Term	High	SIP	ES
Twp. Willingboro-4 (former WB-4)	Work with OEM to facilitate a plan to obtain MS4 System Municipal Separate Storm Sewer System to assist with debris management	No	Flood	1, 3	DPW	High	High	Federal Grants Capital/O/E	Short Term	High	LPR	ES
Twp. Willingboro-5 (former WB-7)	Conduct and facilitate community and public education and outreach for residents and businesses to promote natural hazard risk reduction to include: •Disaster preparedness •Hazard mitigation	No	All Hazards	5	Municipality with support from Planning Partners, County Planning, NJOEM, FEMA	Medium	Medium	Municipal Budget, HMA programs with local or county match	Short Term	High	EAP	PI
Twp. Willingboro-6 (former WB-9)	Obtain and install backup power sources at critical facilities. Look for funding opportunities through grants.	Yes	All	1, 3	Municipality with support from County, NJOEM and FEMA	Medium	Medium	Municipal Budget	Short Term	Medium	SIP	ES
Twp. Willingboro-7 (former	Train new officials in flood plain management.	No	Flood	1, 4	Municipality with support from County,	Medium	Medium	Municipal Budget	Short Term	Medium	LPR	PR





Initiative	Mitigation Initiative	Critical Facility (Y/N)	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
WB-12)					NJOEM and FEMA							
Twp. Willingboro-8 (former WB-13)	Enhance resilience to severe storms by joining the NOAA “Storm Ready” program and incorporate into planning.	No	Severe Storm, Winter Storm	1, 4	Municipality with support from County, NJOEM and FEMA	Medium	Medium	Municipal Budget	Short Term	Medium	LPR	PR
Twp. Willingboro-9 (former WB-14)	Provide public education and outreach on proper installation and/or use of backup power	No	Severe Storm	1, 5	Municipal Clerk	Medium	Low	Municipal Budget	Short Term	High	LPR EAP	PR PI
Twp. Willingboro-10	Continue to regulate, through land use, zoning, and other restrictions, all uses and development in areas subject to potential flooding and require new development to comply with the State and FEMA standards.	No	All Hazards	1, 2, 3	Municipality with support from Planning, Code Enforcement	High	Low	Municipal Budget	Short Term DOF	High	LRP	PR
Twp. Willingboro-11	The Township will continue to promote and support non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as Repetitive Loss (RL) and Severe Repetitive Loss (SRL), such as acquisition/relocation or elevation depending on feasibility. The parameters for this initiative would be: funding, benefits versus cost, and willing participation of property owners.	No	Flood	1, 2	Municipality, Planning, Engineering	High	High	HMGP, PDM, Municipal Budget	Short Term DOF	High	SIP	PR

Notes:

Not all acronyms and abbreviations defined below are included in the table.

\*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

Potential FEMA HMA Funding Sources:

Timeline:





CAV	Community Assistance Visit	FMA	Flood Mitigation Assistance Grant Program	Short	1 to 5 years
CRS	Community Rating System	HMGP	Hazard Mitigation Grant Program	Long Term	5 years or greater
DPW	Department of Public Works	PDM	Pre-Disaster Mitigation Grant Program	OG	On-going program
FEMA	Federal Emergency Management Agency	RFC	Repetitive Flood Claims Grant Program (discontinued in 2015)	DOF	Depending on funding
FPA	Floodplain Administrator	SRL	Severe Repetitive Loss Grant Program (discontinued in 2015)		
HMA	Hazard Mitigation Assistance				
N/A	Not applicable				
NFIP	National Flood Insurance Program				
OEM	Office of Emergency Management				

Costs:

Where actual project costs have been reasonably estimated:

- Low < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Where actual project costs cannot reasonably be established at this time:

- Low Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.
- Medium Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
- High Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

- Low= < \$10,000
- Medium \$10,000 to \$100,000
- High > \$100,000

Where numerical project benefits cannot reasonably be established at this time:

- Low Long-term benefits of the project are difficult to quantify in the short term.
- Medium Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
- High Project will have an immediate impact on the reduction of risk exposure to life and property.

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 also 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. Such 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 also preserve or restore the functions of natural systems. These 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. Such 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 9.39-14. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community	Total	High / Medium / Low
Twp. Willingboro-1 (former WB-1)	Obtain an Emergency Notification System for residents, allowing notifications and township information to be delivered to residents in manner in which they wish to receive it. Cell phone, email, phone call, text, etc.	1	1	1	1	1	1	0	0	1	1	1	1	1	1	12	High
Twp. Willingboro-2 (former WB-2)	Conduct training for NFIP Coordinator in 2018.	1	1	1	1	1	1	-1	1	1	-1	1	1	0	1	9	Medium
Twp. Willingboro-3 (former WB-3)	Obtain Back Up Power for DPW / Alternate OEM Office. Look for sources of funding for critical facilities.	1	0	1	1	1	1	-1	0	1	1	1	1	1	1	10	High
Twp. Willingboro-4 (former WB-4)	Work with OEM to facilitate a plan to obtain MS4 System Municipal Separate Storm Sewer System to assist with debris management	1	1	1	1	1	1	0	1	0	1	1	1	1	1	12	High
Twp. Willingboro-5 (former WB-7)	Conduct and facilitate community and public education and outreach for residents and businesses to promote natural hazard risk reduction to include: •Disaster preparedness •Hazard mitigation	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High
Twp. Willingboro-6 (former WB-9)	Obtain and install backup power sources at critical facilities. Look for funding	1	0	1	1	1	1	-1	0	1	0	1	1	1	1	9	Medium





Table 9.39-14. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community	Total	High / Medium / Low
	opportunities through grants.																
Twp. Willingboro-7 (former WB-12)	Train new officials in flood plain management.	1	0	1	1	1	1	-1	0	1	0	1	1	1	1	9	Medium
Twp. Willingboro-8 (former WB-13)	Enhance resilience to severe storms by joining the NOAA “Storm Ready” program and incorporate into planning.	1	0	1	1	1	1	-1	0	1	0	1	1	1	1	9	Medium
Twp. Willingboro-9 (former WB-14)	Provide public education and outreach on proper installation and/or use of backup power	1	1	1	1	1	1	1	1	1	1	1	1	1	0	13	High
Twp. Willingboro-10	Continue to regulate, through land use, zoning, and other restrictions, all uses and development in areas subject to potential flooding and require new development to comply with the State and FEMA standards.	0	1	0	1	1	1	-1	0	1	1	1	0	1	0	6	Medium
Twp. Willingboro-11	The Township will continue to promote and support non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as Repetitive Loss (RL) and Severe Repetitive Loss (SRL), such as	1	1	0	1	1	1	-1	0	1	1	1	0	1	0	7	Medium





**Table 9.39-14. Summary of Prioritization of Actions**

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community	Total	High / Medium / Low
	acquisition/relocation or elevation depending on feasibility. The parameters for this initiative would be: funding, benefits versus cost, and willing participation of property owners.																

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions.



### **9.39.7 Future Needs to Better Understand Risk/Vulnerability**

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None at this time.

### **9.39.8 Hazard Area Extent and Location**

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Hazard area extent and location maps have been generated for the Township of Willingboro 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 considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Township of Willingboro has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

### **9.39.9 Additional Comments**

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None at this time.



Figure 9.39-1. Township of Willingboro Hazard Area Extent and Location Map 1

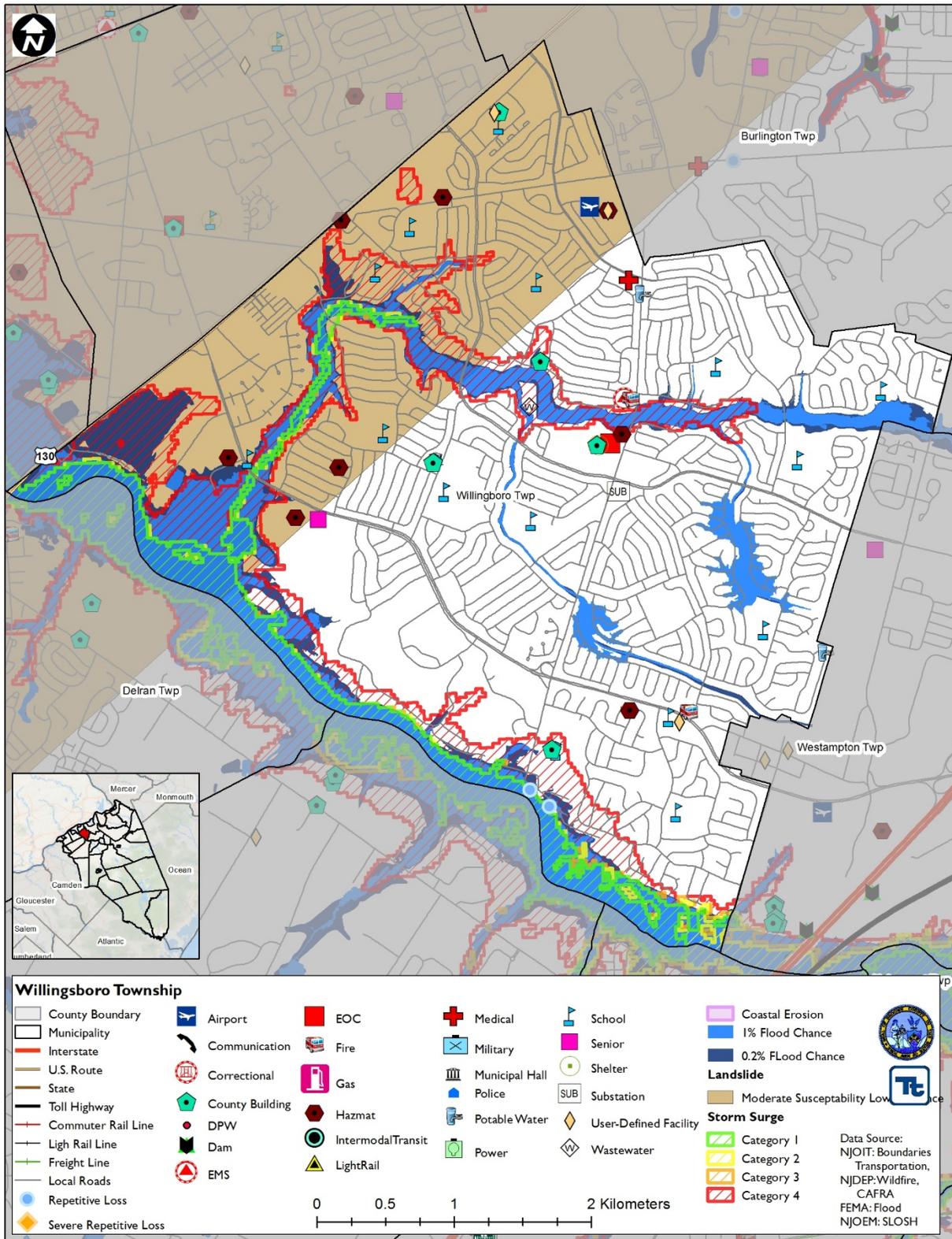
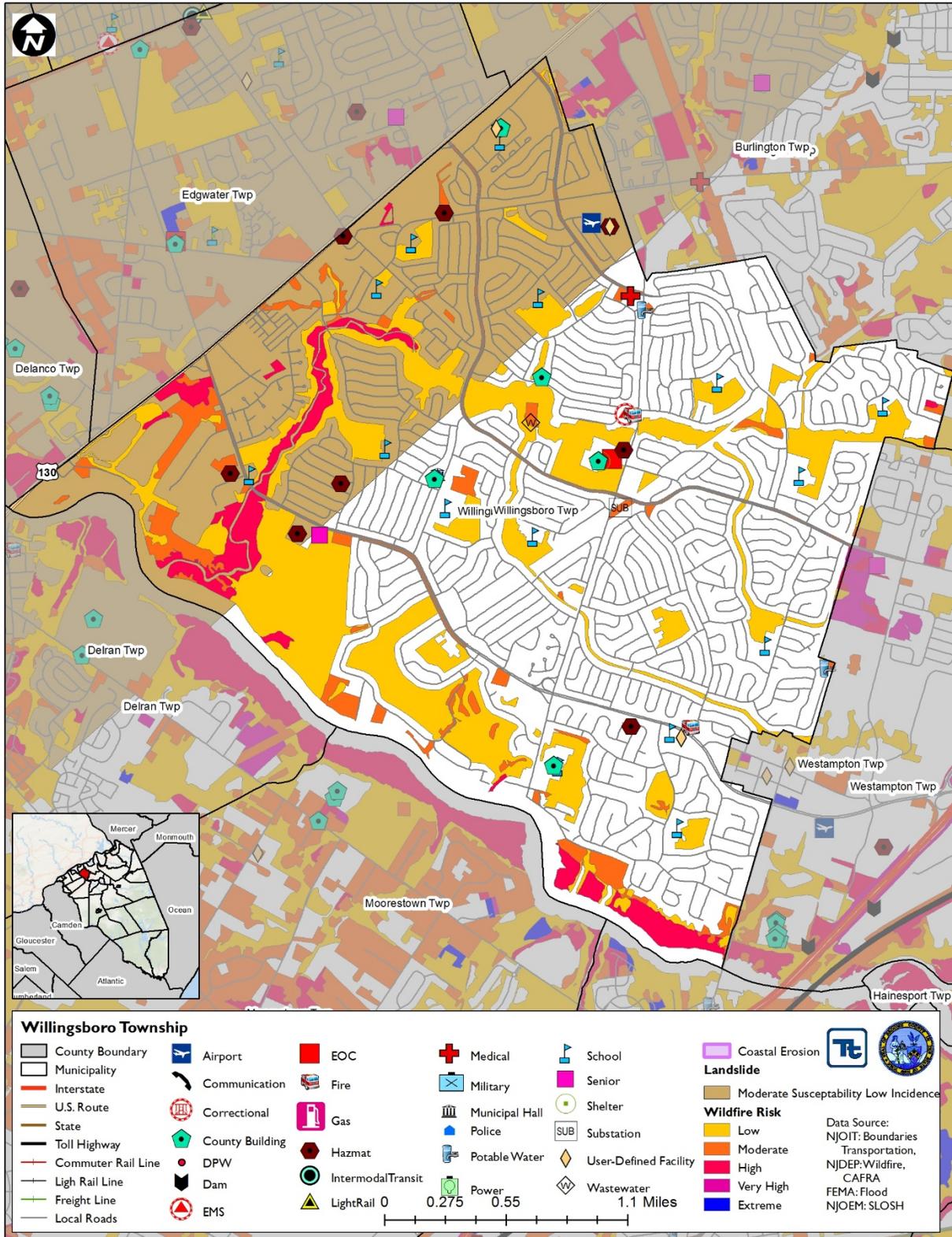




Figure 9.39-2. Township of Willingboro Hazard Area Extent and Location Map 2





**Action Number:** Twp. Willingboro-3  
**Mitigation Action/Initiative:** Obtain and install backup power sources at critical facilities.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	Critical facilities lack backup power sources
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No action: Current problem remains Solar panels: Weather dependent and cost prohibitive
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Critical facilities will have backup power (generators) installed in order to maintain power and critical functions during electric outages.
<b>Action/Project Category</b>	SIP
<b>Goals Met</b>	1, 3
<b>Critical Facility (Y/N)</b>	Yes
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Municipality with support from County, NJOEM and FEMA
<b>Local Planning Mechanism</b>	Hazard mitigation planning, emergency management planning
<b>Potential Funding Sources</b>	Municipal budget
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:** Twp. Willingboro-3

**Mitigation Action/Initiative:** Obtain and install backup power sources at critical facilities.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	
Environmental	0	
Social	1	
Administrative	0	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	<b>8</b>	
<b>Priority (High/Med/Low)</b>	<b>Medium</b>	



**Action Number:**

Twp. Willingboro-6

**Mitigation Action/Initiative:**

Obtain and install backup power sources at critical facilities. Look for funding opportunities through grants.

Assessing the Risk	
<b>Hazard(s) addressed:</b>	All
<b>Specific problem being mitigated:</b>	Critical facilities lack backup power sources
Evaluation of Potential Actions/Projects	
<b>Actions/Projects Considered (name of project and reason for not selecting):</b>	No Action - current problem continues Solar panels: weather dependent and costly. Mobile generator: may lack sufficient power supply or run time.
Action/Project Intended for Implementation	
<b>Description of Selected Action/Project</b>	Critical facilities will have backup power (generators) installed in order to maintain power and critical functions during electric outages.
<b>Action/Project Category</b>	SIP
<b>Goals Met</b>	1, 3
<b>Critical Facility (Y/N)</b>	Yes
<b>Benefits (losses avoided)</b>	Medium
<b>Estimated Cost</b>	Medium
<b>Priority*</b>	Medium
Plan for Implementation	
<b>Responsible Organization</b>	Municipality with support from County, NJOEM and FEMA
<b>Local Planning Mechanism</b>	Hazard mitigation planning, emergency management planning
<b>Potential Funding Sources</b>	Municipal budget
<b>Timeline for Completion</b>	Short Term
Reporting on Progress	
<b>Date of Status Report/ Report of Progress</b>	



**Action Number:** Twp. Willingboro-6

**Mitigation Action/Initiative:** Obtain and install backup power sources at critical facilities. Look for funding opportunities through grants.

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	-1	
Environmental	0	
Social	1	
Administrative	0	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	0	
<b>Total</b>	<b>8</b>	
<b>Priority (High/Med/Low)</b>	<b>Medium</b>	