



## 9.14 TOWNSHIP OF MONTCLAIR

This section presents the jurisdictional annex for the Township of Montclair. The annex includes a general overview of the Township of Montclair; an assessment of the Township'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.

### 9.14.1 Hazard Mitigation Planning Team

The following individuals are the Township of Montclair's identified HMP update primary and alternate points of contact and NFIP Floodplain Administrator.

**Table 9.14-1. Hazard Mitigation Planning Team**

Primary Point of Contact	Alternate Point of Contact
Name / Title: Rob Bianco, Emergency Management Coordinator, Department of Community Services Address: 219 N Fullerton Ave, Montclair, NJ 07042 Phone Number: 201-247-9405 Email: rbianco@montclairnjusa.org	Name / Title: John Herrmann, Fire Chief/DEMC Address: 1 Pine Street Montclair, NJ 07042 Phone Number: 973-809-6302 Email: jherrmann@montclairnjusa.org
NFIP Floodplain Administrator	
Name / Title: Norberto Hernandez, Township Engineer Address: - Phone Number: 973-356-5524 Email: nhernandez@negliaengineering.com	

### 9.14.2 Jurisdiction Profile

The area now known as Montclair Township was once part of the land of the Lenape Indians. Lenape heritage is still represented today in Montclair Township with the areas Watchung (on the hill) and Yantacaw (means place of dancing). The expansion of the railroad system in 1856 gave Montclair Township the opportunity to turn from a quiet country town into a commuter town for the people working in New York City. In 1873 five railroad stations along the Greenwood Lake line were completed. To this day, Montclair Township embraces both its country setting and easy access to New York City. There are over 40,000 trees in the many park areas and nature reserves within Montclair Township. Montclair State University can also be found in Montclair Township (Montclair Township, 2014).

Montclair Township is approximately 6.16 square miles. It is bordered by Bloomfield to the east, West Orange to the south, the Eagle Rock Reservation to the southwest, and Clifton to the northeast. The First Watchung Mountain can be found along the southern and western borders (Montclair Township, 2014). Montclair Township has used the Faulkner Act's Council-Manager form of municipal government to set up its government operations. This style of government is also known as the Optional Municipal Charter Law. The Council is the elected power and the manager is appointed by the Council (Montclair Township, 2014).

According to the U.S. Census, the 2010 population for the Township of Montclair was 37,669. The estimated 2017 population was 38,572, a 2.4 percent increase from the 2010 Census. Data from the 2017 U.S. Census American Community Survey indicate that 6.2 percent of the population is 5 years of age or younger and 12.1 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.



### 9.14.3 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 9.14-2. summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. Figure 9.14.1 at the end of this annex illustrates the geographically-delineated hazard areas and the location of potential new development, where available.

**Table 9.14-2. Recent and Expected Future Development**

Type of Development	2014	2015	2016	2017	2018
<b>Number of Building Permits for New Construction Issued Since the Previous HMP</b>					
Single Family	6	8	8	11	8
Multi-Family	2	1	2	4	4
Other (commercial, mixed-use, etc.)	18	11	16	13	22
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 and Mitigation if located in Hazard Zone
<b>Recent Major Development and Infrastructure from 2015 to Present</b>					
	Mixed use	17	161-167 Glenridge Ave		5-story mixed use
	Residential	4	92 Elm St		3-lot subdivision
	Residential	4	99 Claremont Ave		3-lot subdivision
	Residential	6	James St		3-lot subdivision
	Residential	5	58 James St		
	Mixed use	17	172 Glenridge Ave		5-story mixed use
	Residential	3	19 Alexander Ave		Subdivided one lot into 3 lots
	Residential	46	147 Bloomfield Ave		5-story mixed use
Seymour Street Redevelopment	Mixed use	200	Seymour St		Mixed-use development project containing 200 units, 35,450 sf. Office space and 40,000 sf of retail space
	Commercial	1	237-249 Lorraine Ave		13,930 square foot 2-story building with retail on first floor and office above



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 and Mitigation if located in Hazard Zone
	Residential	8	44 Pleasant Ave		8-lot subdivision, 8 units
	Mixed use	10	369-371 Bloomfield Ave		10-unit mixed use bldg
	Commercial	1	323 Claremont Ave		new 7,628 sf. medical office building
	Commercial	1	19 North Fullerton Ave		new 4,529 sf bank
Lackawanna Site Plan	Mixed use	154	Lackawanna Plaza		Mixed-use project with 154 dwelling units (retail and office space existing)
	Mixed use	11	256 Park St		New 3-story mixed-use building with 11 units
	School	1	224 Orange Rd		11,483 sf school expansion
	Commercial	1	111-113 Grove St		new 18,880 sf 2-story retail/office building
	Residential	1	11 & 13 Washington St		Approved new 4-family home
<b>Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years</b>					
	Mixed use	74	65 Church St		Proposed 74 units in 5-story mixed use building

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

#### 9.14.4 Capability Assessment

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

- 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 National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.
- The community's adaptive capacity for the impacts of climate change.



Areas that mitigation is currently integrated are summarized in Capability Assessment (subsection 9.X.4). The Township of Montclair identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Refer to Appendix X for the results of the planning/policy document review and the answers to integration survey questions.

### PLANNING, LEGAL AND REGULATORY CAPABILITY

The table below summarizes the legal and regulatory tools that are available to the Township of Montclair.

**Table 9.14-3. Planning, Legal and Regulatory Capability**

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Codes, Ordinances, & Requirements					
Building Code	Yes	Local and State	Yes	Yes/No	Yes/No
Comment: State mandated on local level under NJAC 5:23-3.14. International Building Code – New Jersey Edition, 2018, NJAC 5:24-3.14 . Township of Montclair Construction Codes, Uniform, Chapter 121, as amended, effective 03/25/1997.					
Zoning Code	Yes	Local and State	Yes	Yes/No	Yes/No
Comment: 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. Zoning Code to be Amended in September 24, 2019 Township of Montclair Zoning Ordinance, Chapter 347, as amended, effective 04-29-1980.					
Subdivisions	Yes	Local and State	Yes	Yes/No	Yes/No
Comment: State mandated - P.L.1975, c.291 (C.40:55D-47): 40:55D-37. Grant of power; referral of proposed ordinance; county planning board approval . 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. To be Amended September 24, 2019 Township of Montclair Subdivision of Land Ordinance, Chapter 301, as amended, effective 04-29-1980					
Stormwater Management	Yes	Local	Yes	Yes/No	Yes/No
Comment: Title 7 of the NJ Administrative Code (N.J.A.C. 7:8): Township of Montclair Stormwater Control Ordinance, Chapter 295, as amended, effective 05-09-2006.					
Post-Disaster Recovery	No	-	-	-	-
Comment:					
Real Estate Disclosure	Yes	State – Division of Consumer Affairs	Yes	Yes/No	Yes/No
Comment: N.J.A.C. 13:45A-29.1; Before signing a contract of sale, all purchasers must receive a New Jersey Public Offering Statement (POS) approved by the New Jersey Real Estate Commission. The POS provides information such as proximity to hospitals, schools, fire and police, as well as any hazards, risks or nuisances in or around the subdivision.					
Growth Management	No	-	Yes	Yes/No	Yes/No
Comment: State mandated at local level					
Shoreline Development	No	-	Yes – if coastal community	-	-
Comment: 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.					
Site Plan Review	Yes	Local	Yes	Yes/No	Yes/No
Comment: Township of Montclair Site Plan Review Ordinance, Chapter 281, as amended, effective 04-15-1980.					
Environmental Protection	Yes	Local	Yes		
Comment: The rules that are utilized by the NJDEP and other environmental agencies are codified at Title 7 of the NJ Municipal Administrative Code. Steep Slope, Tree Protection Ordinance, Development applicants to address additional means of green infrastructure (require green roofs in redevelopment areas). Township of Montclair Steep Slopes Ordinance, Chapter 294, as amended, effective 10-06-1998. Township of Montclair Tree Ordinance, Chapter 324, as amended, effective 6-12-2002					



	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Flood Damage Prevention	Yes	Local	No	Yes/No	Yes/No
<i>Comment: Township of Montclair Flood Damage Prevention Ordinance, Chapter 161, as amended, effective 05-22-2007.</i>					
Wellhead Protection	-	-	-	-	-
<i>Comment:</i>					
Emergency Management	No	-	-	-	-
<i>Comment:</i>					
Climate Change	No	-	-	-	-
<i>Comment:</i>					
Disaster Recovery Ordinance	No	-	-	-	-
<i>Comment:</i>					
Disaster Reconstruction Ordinance	No	-	-	-	-
<i>Comment:</i>					
Other	No	-	-	-	-
<i>Comment:</i>					
<b>Planning Documents</b>					
Comprehensive / Master Plan	Yes	Local	Yes	Yes/No	Yes/No
<i>Comment: Township of Montclair Master Plan Reexamination Report (2016)</i>					
Capital Improvement Plan	Yes	Local	Allowed	Yes/No	Yes/No
<i>Comment: Per NJSA 40:55D-29 the governing body is authorized to direct the planning board to prepare a CIP with at least a six year planning horizon. art of annual budgeting</i>					
Disaster Debris Management Plan	Yes	Local	No	Yes/No	Yes/No
<i>Comment: NJDEP Approval for different sites</i>					
Floodplain or Watershed Plan	No		No	Yes/No	Yes/No
<i>Comment:</i>					
Stormwater Management Plan	Yes	Local and State	Yes	Yes/No	Yes/No
<i>Comment: Per NJDEP Storm Water Management Rule (N.J.A.C. 7:8, et seq.). The Municipal Stormwater Regulation Program was developed in response to the U. S. Environmental Protection Agency's (USEPA) Phase II rules published in December 1999. The Department issued final stormwater rules on February 2, 2004 and four (4) NJPDES general permits authorizing stormwater discharges from Tier A and Tier B municipalities, as well as public complexes, and highway agencies that discharge stormwater from municipal separate storm sewers (MS4s). Stormwater Management Plan Element to Montclair Master Plan (2005)</i>					
Stormwater Pollution Prevention Plan	Yes	Local and State	Yes	Yes/No	Yes/No
<i>Comment:</i>					
Urban Water Management Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Habitat Conservation Plan	Yes	Local	No	Yes/No	Yes/No
<i>Comment: Conservation Element to Montclair Master Plan (2007)</i>					
Economic Development Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Shoreline Management Plan	No	-	No	Yes/No	Yes/No



	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<i>Comment:</i>					
Community Wildfire Protection Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Community Forest Management Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Transportation Plan	Yes	Local	No	Yes/No	Yes/No
<i>Comment: Unified Land use and Circulation Element to Montclair Master Plan (2016)</i>					
Agriculture Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Climate Action Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Tourism Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Business Development Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Redevelopment Plans	Yes	Local	No	Yes/No	Yes/No
<i>Comment: Amended Hahnes Redevelopment Plan, Hospital Redevelopment Plan, New and Mission/Elm Street Redevelopment Plan, Bay Street Station Redevelopment, Pine Street Redevelopment, Montclair Center Gateway Redevelopment Plan - Phase 1, Eastern Gateway Redevelopment Plan, Seymour Street Redevelopment Plan, HUMC/Mountainside Hospital Redevelopment Plans, Deteriorated Housing Project Redevelopment Plan, Glenridge Avenue Redevelopment Plan (Has not been adopted), Montclair Center Gateway Redevelopment Area - Phase 2 (Has not been adopted)</i>					
<b>Response/Recovery Planning</b>					
Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)	Yes	Local	Yes	Yes/No	Yes/No
<i>Comment: Per the NJ Civilian Defense and Disaster Control Act (App.A:9_43.2) Counties and municipalities must have written Emergency Operations Plans to be reviewed every 2 years. Last completed in 2018.</i>					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	-
<i>Comment: Critical Infrastructure identified as part of EOP.</i>					
Post-Disaster Recovery Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Continuity of Operations Plan	No	-	No	Yes/No	Yes/No
<i>Comment:</i>					
Public Health Plan	Yes/No		Yes/No	Yes/No	Yes/No
<i>Comment:</i>					
Other	No	-	Yes/No	Yes/No	Yes/No
<i>Comment:</i>					



Table 9.14-4. Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits?	Yes
- If no, who does? If yes, which department?	Building Office
Does your jurisdiction have the ability to track permits by hazard area?	On the application there is a section for floodplain, steep slopes applications are flagged and an engineer reviews.
Does your jurisdiction have a buildable lands inventory? -If yes, please describe briefly. -If no, please quantitatively describe the level of buildout in the jurisdiction.	No, not much land is left to develop.

**ADMINISTRATIVE AND TECHNICAL CAPABILITY**

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

Table 9.14-5. Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Planning Board/ ZBA
Mitigation Planning Committee	No	-
Environmental Board / Commission	Yes	Insert appropriate information
Open Space Board / Committee	No	Insert appropriate information
Economic Development Commission / Committee	Yes	Economic Dev Committee
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Swift911
Maintenance program to reduce risk	Yes	DPW (Roads, Catch basins, Dams/Spillways)
Mutual aid agreements	Yes	Surrounding Communities, and County
<b>Technical/Staffing Capability</b>		
Planners or engineers with knowledge of land development and land management practices	Yes	Municipal Planner
Engineers or professionals trained in building or infrastructure construction practices	Yes	Planning/Code Official
Planners or engineers with an understanding of natural hazards	Yes	Community Services/Municipal Engineer
Staff with training in benefit/cost analysis	Yes	Community Services (Public Works)
Staff with training in green infrastructure	-	-
Staff with education/knowledge/training in low impact development	-	-
Surveyors	Yes	Consultant
Stormwater engineer	-	
Personnel skilled or trained in GIS applications	Yes	Planning Department
Scientist familiar with natural hazards in local area	No	-
Emergency manager	Yes	Department of Community Services
Grant writers	Yes	Employees write on behalf of department



Staff/Personnel Resource	Available?	Department/Agency/Position
Resilience Officer	No	-
Watershed planner	-	
Environmental specialist	-	
Other		

### FISCAL CAPABILITY

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

**Table 9.14-6. 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 (Water, Sewer, and Parking)
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	No
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State-Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	Yes
Clean Water Act 319 Grants (Nonpoint Source Pollution)	-
Other	No

### EDUCATION AND OUTREACH CAPABILITY

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

**Table 9.14-7. Education and Outreach Capabilities**

Criterion	Response
Do you have a public information officer or communications office?	Yes
Do you have personnel skilled or trained in website development?	Yes
Do you have hazard mitigation information available on your website? • If yes, briefly describe.	Yes; FEMA Map Service Center, NFPA, FEMA
Do you use social media for hazard mitigation education and outreach? • If yes, briefly describe.	Yes, Swift911, Facebook, Twitter, TV34
Do you have any citizen boards or commissions that address issues related to hazard mitigation? • If yes, briefly describe.	Yes
Do you have any other programs already in place that could be used to communicate hazard-related information? • If yes, briefly describe.	Yes; Capability to distribute flyers, digital signboard
Do you have any established warning systems for hazard events? • If yes, briefly describe.	Yes

### COMMUNITY CLASSIFICATIONS

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



Table 9.14-8. Community Classifications

Program	Participating?	Classification	Date Classified
Community Rating System	-	10	Rescinded
Building Code Effectiveness Grading Schedule (BCEGS)	-	-	-
Public Protection (Fire ISO Protection Class)	Yes	2	2016/2017
Storm Ready Certification	No	-	-
Firewise Community Classification	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 climate change and the jurisdiction’s rating.

Table 9.14-9. Adaptive Capacity of Climate Change

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low
Coastal Erosion and Sea Level Rise	High
Coastal Storms ( <i>hurricanes/tropical storms, nor'easters, coastal erosion, and storm surge</i> )	High
Drought	Medium
Earthquake	Medium
Extreme Temperature	Medium
Flood ( <i>riverine / flash flood, SLR</i> )	High
Geological Hazards ( <i>landslides and subsidence/sinkholes</i> )	Low
Severe Weather ( <i>high wind, tornado, TSTM, and hail</i> )	High
Severe Winter Weather ( <i>heavy snow, blizzards, and ice storms</i> )	High
Wildfire	Medium
Civil Disorder	Medium
Cyber Attack	Medium
Disease Outbreak	Medium
Economic Collapse	Medium
Hazardous Substances	High
Power Outages	Medium
Terrorism	Medium
Transportation Failure	Medium

**Notes:**

High = Capacity exists and is in use; Medium = Capacity may exist, but is not used or could use some improvement;

Low = 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 9.14-10. National Flood Insurance Program Compliance

Criterion	Response
What local department is responsible for floodplain management?	Municipal Engineer
Who is your floodplain administrator? (name, department/position)	Municipal Engineering (Consultant)
Are any certified floodplain managers on staff in your jurisdiction?	-
What is the date that your flood damage prevention ordinance was last amended?	05-22-2007
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> <li>If exceeds, in what ways?</li> </ul>	-
When was the most recent Community Assistance Visit or Community Assistance Contact?	CAC: 06/02/2015
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> <li>If so, state what they are.</li> </ul>	-
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> <li>If so, state what they are.</li> </ul>	Yes; Study Underway according to Essex County CAV Report
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> <li>If no, state why.</li> </ul>	-
Does your floodplain management staff need any assistance or training to support its floodplain management program?	-
<input type="checkbox"/> If so, what type of assistance/training is needed?	-
Does your jurisdiction participate in the Community Rating System (CRS)? <ul style="list-style-type: none"> <li>If yes, is your jurisdiction interested in improving its CRS Classification?</li> <li>If no, is your jurisdiction interested in joining the CRS program?</li> </ul>	Class 10 - Rescinded (As of October 1, 2019 Flood Insurance Manual). Interested in rejoining.
How many flood insurance policies are in force in your jurisdiction?* <ul style="list-style-type: none"> <li>What is the insurance in force?</li> <li>What is the premium in force?</li> </ul>	NFIP policies: 304 Insurance in force: \$85,914,600 Premium in force: \$494,696
How many total loss claims have been filed in your jurisdiction?* <ul style="list-style-type: none"> <li>How many claims are still open or were closed without payment?</li> <li>What were the total payments for losses?</li> </ul>	Total loss claims: 215 Claims still open or closed without payment: 57 Total payments for losses: \$1,258,077.50
Do you maintain a list of properties that have been damaged by flooding?	Homeowners damaged by flooding are directed to FEMA.
Do you maintain a list of property owners interested in flood mitigation?	No

\*According to FEMA statistics as of 03/31/19

#### ADDITIONAL AREAS OF EXISTING INTEGRATION

**Planning Board:** The Township of Montclair Planning Board is a land use board tasked with preparation of the Township Master Plan, review of Applications for Development for site plan and subdivision approval, make recommendations to the Township Council on any proposed changes to the land use ordinance, and grant conditional use or bulk variances in association with subdivision and site plan applications. The Planning Board is established under Montclair Code Chapter 202: Land Use Procedures, Article I: Planning Board.

**Zoning Board of Adjustment:** The Township of Montclair Zoning Board of Adjustment is a land use board empowered with principal duties to hear appeals, to grant variances from the strict application of the zoning ordinance and to rule on "use" applications. The Board consists of 7-members and 4-alternate members.

**Development Review Committee:** The purpose of the Development Review Committee is to review all site plan applications or requests for development review presented to the Planning Board and the Board of Adjustment.

**Historic Preservation Commission:** The Montclair Historic Preservation Commission (MHPC), established by ordinance in 1994, is responsible for protecting Montclair's architectural heritage and increasing public awareness of the



unique historical and cultural dimensions of the Township's buildings, streetscapes and landscapes. In accordance with the State Municipal Land Use Law, the commission surveys buildings, structures, objects, sites and districts located within the Township and researches and evaluates them for their historic significance.

**Environmental Commission:** The Montclair Environmental Commission (M.E.C.) was established by ordinance in 2001 (Ordinance No. 01-46), consistent with state laws creating environmental commissions. The role of the commission is to study, evaluate, and make recommendations to the Township Council and the Planning Board regarding local environmental issues, including (but not limited to) the following topics: solid waste management and recycling; clean water resources; stormwater management; energy conservation and renewable energy resources; air, noise, and light pollution; transportation and circulation planning; preservation and use of parks and other open spaces; land use; and protection of flora, fauna, soil and landscape throughout the Township. In addition, they review the potential effects of applications before the Planning and the Zoning Boards. The M.E.C. also provides environmental information to residents.

**Department of Community Services/Public Works:** The Department of Community Services is responsible for streets, public property and parks, refuse collection and recycling, shade tree maintenance, snow and leaf removal, and all community infrastructure except the parking and water utilities and sanitary sewers.

**Department of Code Enforcement:** The Division of Code Enforcement, Housing and Property Maintenance focuses on ensuring and improving the quality of life of all Montclair residents through enforcement of related provisions with the Code of the Township of Montclair, Essex County rules and regulations, and NJ Statewide requirements. The department works in tandem with many other departments, including Zoning, Construction, Health, Police and Fire.

**Emergency Management:** Emergency Management includes the Office of Emergency Management, Police Department, Fire Department Headquarters, Montclair Ambulance Unit, Montclair Health Department, and Hackensack UMC Mountainside Hospital.

**Engineering Bureau:** The Montclair Engineering Bureau is responsible for design and construction management for certain capital improvements to Township streets (curbs, paving and drainage/storm sewers) and parks. Other responsibilities of the Engineering Bureau include permitting and inspections for road openings and construction of sidewalk, curb and driveway aprons; maintenance of the official street map; and assistance to residents with engineering-related matters.

**Environmental Affairs:** The Office of Environmental Affairs is run by Montclair's Sustainability Officer, under direction of the Department of Health and Human Services. The Mission of this office is to: implement cost-saving energy reduction and waste prevention measures for the Township; provide information on environmental stewardship, public wellness, and economic responsibility to residents, schools, local businesses, and the municipal operations; and, as the liaison between the municipality and the Montclair Environmental Commission, to help create policies that protect our natural environment, the health and safety of residents, and the resilience of Montclair now and in the future.

**Planning and Community Development:** The Department of Planning and Community Development is responsible for all matters concerning planning, zoning, redevelopment and community development administration in the Township of Montclair.

**Water Bureau and Sewer Utility:** The Montclair Township Water Bureau and Sewer Utility provide customers with a safe, clean supply of drinking water and sanitary sewer disposal services at the lowest possible cost. This section of the township website is a convenient way for our customers to remain informed about the services we provide.



### 9.14.5 Hazard Event History Specific to the Jurisdiction

Essex 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 4.4 (Hazard Profiles) and includes a chronology of events that affected Essex County and its jurisdictions. The Township of Montclair's history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Essex County; refer to Appendix E (Risk Assessment Supplement). Table 9.14-11 provides details regarding municipal-specific loss and damages the Township experienced during hazard events from 2014 to 2019. Information provided in the table below is based on reference material or local sources.

**Table 9.14-11. Hazard Event History**

Date(s) of Event	Event Type (disaster declaration if applicable)	Hudson County Designated?	Summary of Event	Summary of Local Damages and Losses
January 22-23, 2016	Winter Storm, Blizzard (DR-4264)	Yes	Low pressure moving across the deep South on Thursday January 21st and Friday January 22nd intensified and moved off the Mid Atlantic coast on Saturday January 23rd, bringing heavy snow and strong winds to northeast New Jersey, and blizzard conditions to the urban corridor and some nearby areas.	-

### 9.14.6 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. Table 9.14-12 summarizes the Township of Montclair risk assessment results and data used to determine the hazard ranking. The following summarizes the hazards of greatest concern and risk to the Township of Montclair.

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.
- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.



Table 9.14-12. Summary of Risk Assessment Results

Hazard of Concern	Hazard/ Scenario(s) Evaluated	Population		Buildings		Economy (Loss)		Certainty Factor
Coastal Erosion and Sea Level Rise	Coastal Erosion Hazard Area (CEHA):  Sea Level Rise: NOAA +1ft and +3ft rise	CEHA:	0	CEHA:	0	CEHA:	\$0	High
		SLR +1ft:	0	SLR +1ft:	0	SLR +1ft:	\$0	
		SLR +3ft:	0	SLR +3ft:	0	SLR +3ft:	\$0	
Coastal Storm	100- and 500- MRP Hurricane Wind  Category 1 through Category 4 SLOSH	Category 1:	92	Category 1:	19	100-year Wind Loss:	\$3,381,110	High
		Category 2:	951	Category 2:	197			
		Category 3:	2,229	Category 3:	462	500-year Wind Loss:	\$16,934,187	
		Category 4:	2,595	Category 4:	533			
Drought	Drought event	Majority of the County is serviced by water suppliers with surface water sources.		Droughts are not expected to cause direct damage to buildings.		Losses would be limited, due to lack of major agricultural industry.		Low
Earthquake	100, 500-, 2,500-Year Mean Return Period Event	NEHRP D&E:	2,368	NEHRP D&E:	504	100-year Loss:	\$0	High
		Liquefaction Class 4:	179	Liquefaction Class 4:	37	500-year Loss:	\$4,616,521	
						2,500-year Loss:	\$71,094,612	
Extreme Temperature	Extreme temperature event (heat or cold)	Over 65 Population:	4,600	Physical impacts due to extreme temperatures would be limited.		Loss of business function is possible due to unexpected repairs (i.e. pipes bursting) or utility interruptions.		Low
		Population Below Poverty Level:	3,515					
Flood	100- and 500-Year Mean Return Period Event	100-year	716	100-year	152	100-year Loss:	\$269,142,437	High
		500-year	1,606	500-year	545			
Geological	High Landslide Susceptibility Areas	Class A:	0	Class A:	0	Class A:	0	Moderate
		Class B:	5	Class B:	1	Class B:	\$359,884	



Hazard of Concern	Hazard/ Scenario(s) Evaluated	Population		Buildings		Economy (Loss)		Certainty Factor
Severe Weather	Severe Weather Event	Entire population exposed; The degree of impact to the population depends on the scale of the incident.		Entire building stock is exposed; The degree of impact depends on the scale of the incident.		Economic losses could be similar to those of the coastal storm (wind and surge) and flooding hazards.		Low
Severe Winter Weather	Severe Winter Weather Event	Entire population exposed; The degree of impact to the population depends on the scale of the incident.		Entire building stock is exposed; The degree of impact depends on the scale of the incident.		The cost of snow and ice removal and repair of roads can impact local operating budgets.		Low
Wildfire	Wildfire Fuel Hazard areas (High, Very High, Extreme)	Wildfire:	0	Wildfire:	0	Wildfire:	\$0	Moderate
Civil Disorder	Civil disorder event	Population in the immediate vicinity will be impacted.		Buildings in the immediate vicinity will be most impacted.		Economic assets in the immediate vicinity will be most impacted.		Low
Cyber Attack	Cyber-attack event	The degree of impact to the population depends on the scale of the incident.		Damages due to a cyber attack may be limited.		The degree of damages depends on the scale of the incident. Loss of utilities/communication would have widespread economic impacts.		Low
Disease Outbreak	An outbreak of one of the diseases evaluated	Entire population exposed; The degree of impact to the population depends on the scale of the incident		Disease outbreak would not have a direct impact on buildings.		Impacts to food supply and water supply; Costs of activities and programs implemented to address outbreaks and prevent spread.		Low
Economic Collapse	Recessions, Depressions, Interruption of normal economic conditions	The degree of impact to the population depends on the scale of the incident.		Damages due to economic collapse may be limited; property owners that cannot afford to maintain the structure may become abandoned/run-down.		The degree of damages depends on the scale of the incident. Massive impacts due to loss of jobs, businesses, and tax revenue are possible.		Low



Hazard of Concern	Hazard/ Scenario(s) Evaluated	Population	Buildings	Economy (Loss)	Certainty Factor
<b>Hazardous Substances</b>	Release of a hazardous substance whether fixed site or in-transit	Population impacted will depend on the type of material and scale of the incident. May include population within small radii of site.	The degree of damages to a building depends on the scale of the incident.	The degree of damages depends on the scale of the incident.	Low
<b>Utility Interruption</b>	Disruption of power or water caused by accident, sabotage, natural hazards, or equipment failure.	The degree of impact to the population depends on the scale of the incident.	The degree of damages to buildings depends on the scale of the incident; Physical impacts to structures may occur if utilities are keeping critical functions online (i.e. sump pumps).	The degree of damages depends on the scale of the incident.	Low
<b>Terrorism</b>	Terrorist Attack in the County	The degree of impact to the population depends on the scale of the incident; Population in the immediate vicinity will be impacted.	The degree of damages to buildings depends on the scale of the incident; Buildings in the immediate vicinity will be most impacted.	The degree of damages depends on the scale of the incident.	Low
<b>Transportation Failure</b>	One accident on any of the following: Roadway/vehicular, Aviation, Rail	The degree of impact to the population depends on the scale of the incident; Population in the immediate vicinity will be impacted.	The degree of damages to asset depends on the scale of the incident; Assets in the immediate vicinity will be most impacted.	The degree of damages depends on the scale of the incident; Assets in the immediate vicinity will be most impacted.	Low



## REPETITIVE FLOOD LOSSES

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

- Number of repetitive loss (RL) properties: 21
- Number of severe repetitive loss (SRL) properties: 0
- Number of RL/SRL properties that have been mitigated: 0

*Note: The number of SRL properties excludes RL properties.*

*Policies and Claims from <https://bsa.nfipstat.fema.gov/reports/1011.htm> and <https://bsa.nfipstat.fema.gov/reports/1040.htm> as of 09/30/2018*

*RL and SRL as of 03/31/2019; SRL includes SRL properties that have been verified only (SRL\_Indicator = V).*

## CRITICAL FACILITIES AND LIFELINES

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

**Table 9.14-13. Potential Flood Losses to Critical Facilities and Lifelines**

Name	Type	Exposure		Status of Mitigation
		1% Event	0.2% Event	
Montclair Volunteer Ambulance Unit*	EMS	X	X	See Proposed Mitigation Action below: 2020-Montclair-007
City of Newark Chlorination Station*	Hazardous Materials	X	X	See Proposed Mitigation Action below: 2020-Montclair-007
Senior Care & Activities*	Nursing Home	X	X	See Proposed Mitigation Action below: 2020-Montclair-007
Potable Water Well - Rand*	Potable Well	X	X	See Proposed Mitigation Action below: 2020-Montclair-007

\* Identified lifeline

## ADDITIONAL IDENTIFIED VULNERABILITIES

The jurisdiction has identified the following vulnerabilities within their community:

- There are 21 repetitive loss properties in the township.
- Due to high intensity, short duration storms, vegetation and tree limbs fall bringing down power lines causing wide spread power outage.
- Dam failure is a concern.
- Montclair Volunteer Ambulance Unit at 95 Walnut Street is a critical facility and identified lifeline is located in the 1% Annual Chance Floodplain.
- City of Newark Chlorination Station located at 782 Valley Road is a critical facility and identified lifeline is located in the 1% Annual Chance Floodplain.
- Senior Care & Activities located at 110 Greenwood Avenue is a critical facility and identified lifeline is located in the 1% Annual Chance Floodplain.
- A Potable Water Well – Rand located at North Fullerton Avenue and Chestnut Avenue is a critical facility and identified lifeline is located in the 1% Annual Chance Floodplain.

## HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Township of Montclair that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this



plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Township of Montclair has significant exposure. Figures 9.14-1 and 9.14-2 illustrate the Township of Montclair hazard area extent and locations. These maps also displays the location of the regulatory floodplain, as well as identified critical facilities, lifelines, and RL/SRL properties within the municipality.

## HAZARD RANKING

This section includes the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 4 of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard; its potential impacts on people, property, and the economy; and community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with 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 Essex County as a whole. Therefore, each jurisdiction ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Township of Montclair. During the review of the calculated hazard ranking, the Township adjusted the calculated rankings to incorporate the perceived adaptive capacity of the community with respect to the relevant hazard and any other changes needed. The Township of Montclair has reviewed the Essex County hazard ranking table, as well as its individual results, to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard ranking, the Township indicated the following:

- The Township changed the hazard ranking for flood from low to medium.
- The Township changed the hazard ranking for wildfire from low to medium.
- The Township changed the hazard ranking for cyber attack from low to medium.
- The Township changed the hazard ranking for economic collapse from medium to low.
- The Township changed the hazard ranking for terrorism from low to medium.
- The Township changed the hazard ranking for transportation failure from low to medium.

**Table 9.14-14. Township of Montclair Hazard Ranking**

Coastal Erosion and Sea Level Rise	Coastal Storm	Drought	Earthquake	Extreme Temperature	Flood
Low	Low	Medium	Low	Medium	Medium

Geological Hazards	Severe Storm	Winter Storm	Wildfire	Civil Disorder	Cyber Attack
Low	High	High	Medium	Low	Medium

Disease Outbreak	Economic Collapse	Hazardous Substances	Utility Interruption	Terrorism	Transportation Failure
Low	Low	Low	High	Medium	Medium



### 9.14.7 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 2015 HMP. 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 can also be found under 'Capability Assessment' presented previously in this annex.

**Table 9.14-15. Status of Previous HMP Mitigation Actions**

2015 Action Number Action Description	Responsible Party	Status (In Progress, No Progress, Ongoing Capability, or Completed)	Include in the 2020 HMP Update?	
			Check if Yes	Enter 2020 HMP Action #
Montclair-1: Obtain backup power to ensure continuity of operations. Obtain generators for Montclair critical facilities.	Township OEM	Complete; Town Hall and Ambulance Unit (Completed July 2018)		
Montclair-2: Obtain backup power to ensure continuity of operations. The following has been identified at this time: Township of Montclair ambulance station generator.	Township OEM	Complete; Town Hall and Ambulance Unit (Completed July 2018)		
Montclair-3: Conduct drainage improvements by adding culvert capacity to Parkside road crossing	Township Engineering	No Progress; Discontinue		
Montclair-4: Utility modification. Add storm drainage in areas where missing that experience localized flooding	Township Engineering	In Progress; Catch basins and head changed, underground infrastructure still lacking. Flooding continues	X	2020-Montclair-006
Montclair-5: 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 (in progress). Phase 2: Work with the property owners to implement selected action based on available funding from FEMA and local match availability.  Assess and prioritize non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as repetitive loss, such as acquisition/relocation, or elevation	Township Manager	No Progress	X	2020-Montclair-007



2015 Action Number Action Description	Responsible Party	Status (In Progress, No Progress, Ongoing Capability, or Completed)	Include in the 2020 HMP Update?	
			Check if Yes	Enter 2020 HMP Action #
depending on feasibility. The parameters for feasibility for this initiative would be: funding, benefits versus costs and willing participation of property owners. Implement as funding becomes available. Specifically identified are properties in the following areas: •Nishuane Brook •Toneys Brook				
Montclair-6: Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what they can do in the way of mitigation and preparedness, including flood insurance. This program will include: •Providing general natural hazard risk, preparedness and mitigation, and related NFIP information in regular newsletter and mailings. •Including natural hazard risk and risk reduction information through social media (Facebook and Twitter) and email blast systems. •Posting of flyers and other readily available NFIP informational materials at Municipal Building offices. •Preparation, distribution and analysis of public surveys. •Developing/maintaining a natural hazard risk management webpage on the municipal website where information and mapping can be posted. Enhance public outreach to residents in NFIP floodplain areas to inform of grant opportunities, etc. which may include periodic articles and handouts.	Environmental Affairs	No Progress: Discontinue (Government Administration)		
Montclair-7: Develop and implement a post-event damage assessment program, including the following elements: •Conduct public outreach/education (see Public Education and Awareness Initiatives above) to inform property owners of the need to report property damage and obtain required permitting when making repairs. •Develop and organize local resources to conduct post-event damage assessments, including substantial damage determinations as warranted. •Develop an inventory (file system and/or database) of losses (incl. loss	Community Services	In Progress - Municipal Officials currently during NJOEM Damage Assessment Training	X	2020-Montclair-001



2015 Action Number Action Description	Responsible Party	Status (In Progress, No Progress, Ongoing Capability, or Completed)	Include in the 2020 HMP Update?	
			Check if Yes	Enter 2020 HMP Action #
of service, property damage, economic losses, etc.) as reported to and/or identified by the Township (e.g. building permit process).				
Montclair-8: Support participation in the NFIP Community Rating System (CRS) program by attending CRS workshop(s) if offered within the county. Join the CRS program if adequate resources to support long term participation can be dedicated. See following related Community Assistance Visit (CAV) initiative.	Building Department	No Progress; Discontinue		
Montclair-9: Request a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) if needed (part of the process of joining CRS, see above).	Engineering, FPA	No Progress; Discontinue		
Montclair-10: Have designated NFIP Floodplain Administrator (FPA) and other local officials who would benefit, become a Certified Floodplain Manager (CFM) through the Association of State Floodplain Managers (ASFPM) and New Jersey Association for Floodplain Management (NJAFM), and pursue relevant continuing education training such as FEMA Benefit-Cost Analysis (BCA) and Substantial Damage Estimation (SDE).	Engineering, FPA	No Progress; Discontinue		
Montclair-11: The Township will use the HMP as a guide when updating their Master Plan and incorporate findings as appropriate.	Township	Ongoing Capability		

The Township did not identify any other activities that were completed in addition to those in the 2015 HMP mitigation strategy.

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

The Township of Montclair participated in a risk assessment workshop in September 2019 in which detailed information was provided about assets exposed and vulnerable to the identified hazards of concern. The Township of Montclair participated in a mitigation action workshop in October 2019 and was provided a Mitigation Toolbox that included a mitigation catalog developed specifically for Essex County and its hazards of concerns; challenges and opportunities identified during the capability and risk assessments; 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 H (Mitigation Strategy Supplement) provide a more complete description of the Mitigation Toolbox and its resources.



Table 9.14-16 summarizes the comprehensive-range of specific mitigation initiatives the Township of Montclair would like to pursue in the future to reduce the effects of hazards. Some of these initiatives might be previous actions carried forward for this HMP update. 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 (4) FEMA mitigation action categories and the six (6) 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*. Table 9.14-17 provides a summary of the prioritization of all proposed mitigation initiatives for this HMP update and Table 9.14-18 summarizes the actions by type across hazards of concern.

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Table 9.14-16. Proposed Hazard Mitigation Initiatives

Initiative Number	Mitigation Initiative Name	Description of the Problem	Description of the 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
2020-Montclair-001	Develop and implement a post-event damage assessment program	The Township lacks a damage assessment program. Staff are currently beginning training.	Develop and implement a post-event damage assessment program, including the following elements: •Conduct public outreach/education (see Public Education and Awareness Initiatives above) to inform property owners of the need to report property damage and obtain required permitting when making repairs. •Develop and organize local resources to conduct post-event damage assessments, including substantial damage determinations as warranted. •Develop an inventory (file system and/or database) of losses (incl. loss of service, property damage, economic losses, etc.) as reported to and/or identified by the Township (e.g. building permit process).	N/A	All hazards	5	<u>Township of Montclair</u>	Municipal budget, NJOEM training	Assessment program created	High	3 years	High	LPR	ES



Initiative Number	Mitigation Initiative Name	Description of the Problem	Description of the 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
2020-Montclair-002	Township microgrid	The Township is prone to utility failure. Critical infrastructure is prone to failure. The Township completed an assessment to complete	Acquire funding and implement microgrid according to specifications of previously completed assessment.	New and Existing	Severe Storm, Severe Winter Storm, Utility Interruption	2, 6	<u>Department of Community Services</u>	FEMA, HMGP	Power loss risk reduced	High	2 years	High	SIP	SP
2020-Montclair-003	Yantacow Brook Park Dam	Existing dam is failing and does not meet current DEP regulations. Dam failure could result in flooding and property damage.	The township will perform an engineering analysis to determine what repairs are necessary. The township will then perform the necessary repairs and improvements to bring the dam up to NJ DEP requirements.	Existing	Flood	2	<u>Department of Community Services</u>	NJ DEP, HMGP	Dam failure averted		TBD by engineering analysis	High	SIP	SP
2020-Montclair-004	Power line mitigation	Storms result in falling tree branches which can bring down power lines causing power loss.	Place utilities underground in identified problem areas, especially where utilities are located in rear yards and near critical facilities. In other areas, undergo tree trimming operations.	Existing	Severe Storm, Severe Winter Storm, Utility Interruption	2, 6	<u>Department of Community Affairs</u>	HMGP, PDM, CHIPS, PSEG	Reduction in power losses	\$3 million per mile of buried line, \$5,000 for tree trimming	1 year	High	SIP	PP
2020-Montclair-005	Emerald Ash Borer Infestation	Per surveying, a town wide infestation of emerald ash borer is worsening. As trees are infected, they are prone to losing branches and falling, leading to utility failure and property damages.	Perform an updated survey to determine which trees in the township are infected. Remove and treat infested trees.	N/A	Severe Storm, Severe Winter Storm, Utility Interruption	1, 2, 3	<u>Department of Community Services</u>	FEMA, HMGP, CHIPS	Reduction in utility interruptions	TBD by results of survey (extent of infestation)	3 years	High	NSP	NR



Initiative Number	Mitigation Initiative Name	Description of the Problem	Description of the 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
2020-Montclair-006	Stormwater Upgrades	Areas of the township are prone to stormwater flooding	Continue to upgrade underground infrastructure	Existing	Flood, Severe Storm	2	Township Engineering	Municipal budget	Reduction in flooding	???	3 years	High	SIP	SP
2020-Montclair-007	Outreach to critical facilities	Montclair Volunteer Ambulance Unit at 95 Walnut Street, City of Newark Chlorination Station located at 782 Valley Road, Senior Care & Activities located at 110 Greenwood Avenue, and Potable Water Well – Rand located at North Fullerton Avenue and Chestnut Avenue are critical facilities and identified lifelines located in the 1% Annual Chance Floodplain.	The FPA will conduct outreach to facility managers to alert them of their exposure to flooding and possible mitigation actions.	Existing	Flood	2, 6	FPA	Municipal budget	Facility managers aware of risk and mitigation options	\$200	Within 1 year	High	EAP	PR
2020-Montclair-008	Mitigate flood-prone properties, including RL/SRL properties	Frequent flooding events have resulted in damages in the following areas: •Nishuane Brook •Toneys Brook These areas are residential, and these properties have been repetitively flooded as documented by paid NFIP claims.	Conduct outreach to flood-prone property owners, including RL property owners (21 RL) and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in	Existing	Flood	1, 2, 3	FPA, Homeowners	FEMA HMGP and FMA, local cost share by residents	Eliminates flood damage to homes and residents, creates open space for the municipality increasing flood storage.	\$3 million	3 years	High	SIP	PP



Initiative Number	Mitigation Initiative Name	Description of the Problem	Description of the 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
			the areas that experience frequent flooding (high risk areas).											

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:

FMA	Flood Mitigation Assistance Grant Program
HMGP	Hazard Mitigation Grant Program
PDM	Pre-Disaster 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 9.14-17. Summary of Prioritization of Actions

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 Objectives	Total	High / Medium / Low
2020-Montclair-001	Develop and implement a post-event damage assessment program	0	0	1	1	1	1	1	1	1	1	1	1	1	1	12	High
2020-Montclair-002	Township microgrid	1	1	1	1	1	1	0	1	1	1	1	1	1	1	13	High
2020-Montclair-003	Yantacow Brook Park Dam	0	1	1	1	0	1	1	0	1	0	0	1	1	1	9	High
2020-Montclair-004	Power line mitigation	0	1	1	1	1	1	0	0	1	1	1	0	1	1	10	High
2020-Montclair-005	Emerald Ash Borer Infestation	0	1	1	1	1	1	0	0	1	1	0	0	1	1	9	High
2020-Montclair-006	Stormwater Upgrades	0	1	1	1	1	1	1	1	1	1	1	0	1	1	12	High
2020-Montclair-007	Outreach to critical facilities	1	1	1	1	1	0	1	1	1	1	0	1	1	1	12	High
2020-Montclair-008	Mitigate flood-prone properties, including RL/SRL properties	1	1	1	1	1	1	0	1	0	0	1	1	1	1	10	High

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



**Table 9.14-18. 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
Coastal Erosion and Sea Level Rise	2020-001							
Coastal Storms (hurricanes/tropical storms, nor'easters, coastal erosion, and storm surge)	2020-001							
Drought	2020-001							
Earthquake	2020-001							
Extreme Temperature	2020-001							
Flood (riverine / flash flood, SLR)	2020-001, 2020-007	2020-008				2020-003, 2020-006		
Geological Hazards (landslides and subsidence/sinkholes)	2020-001							
Severe Weather (high wind, tornado, TSTM, and hail)	2020-001	2020-004		2020-005		2020-002		
Severe Winter Weather (heavy snow, blizzards, and ice storms)	2020-001	2020-004		2020-005		2020-002, 2020-006		
Wildfire	2020- 001							
Civil Disorder	2020- 001							
Cyber Attack	2020- 001							
Disease Outbreak	2020- 001							
Economic Collapse	2020- 001							
Hazardous Substances	2020- 001							
Utility Interruption	2020- 001	2020-004		2020-005		2020-002		
Terrorism	2020- 001							
Transportation Failure	2020- 001							

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

### 9.14.8 Staff and Local Stakeholder Involvement in Annex Development

The Township of Montclair 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 following table summarizes who participated and in what capacity. In addition, several municipal representatives were asked to review and contribute to the draft annex as documented on the annex sign-off sheets in Appendix B (Participation Documentation). 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 9.14-19. Contributors to the Annex**

Entity	Title	Method of Participation
Rob Bianco	Emergency Management Coordinator, Department of Community Services	Primary POC
John Herrmann	Fire Chief/DEMC	Alternate POC, Attended Plan Participant Meetings, Contributed to the mitigation strategy, provided impact data
Norberto Hernandez	Township Engineer	Floodplain Administrator



Figure 9.14-1. Township of Montclair Hazard Area Extent and Location Map

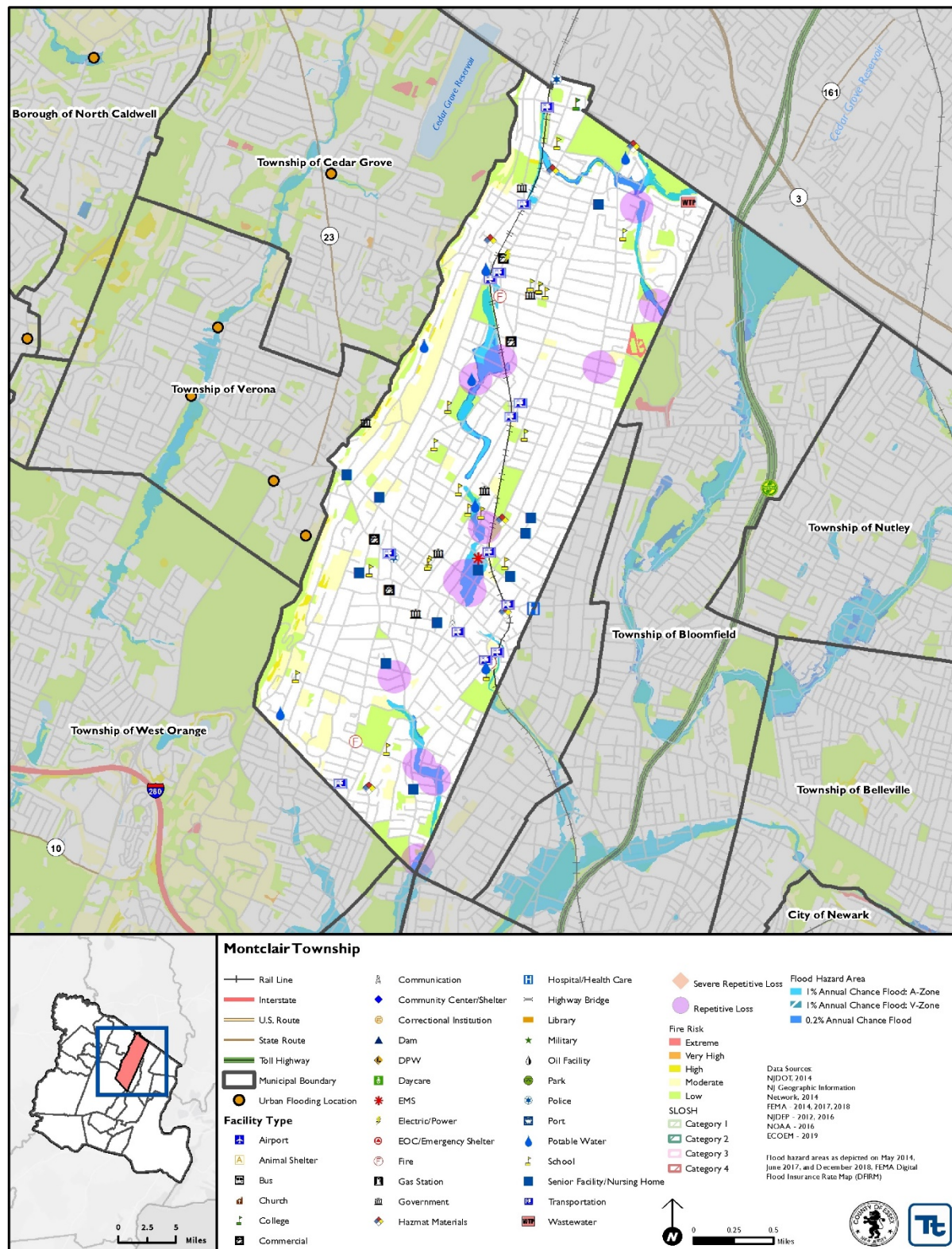
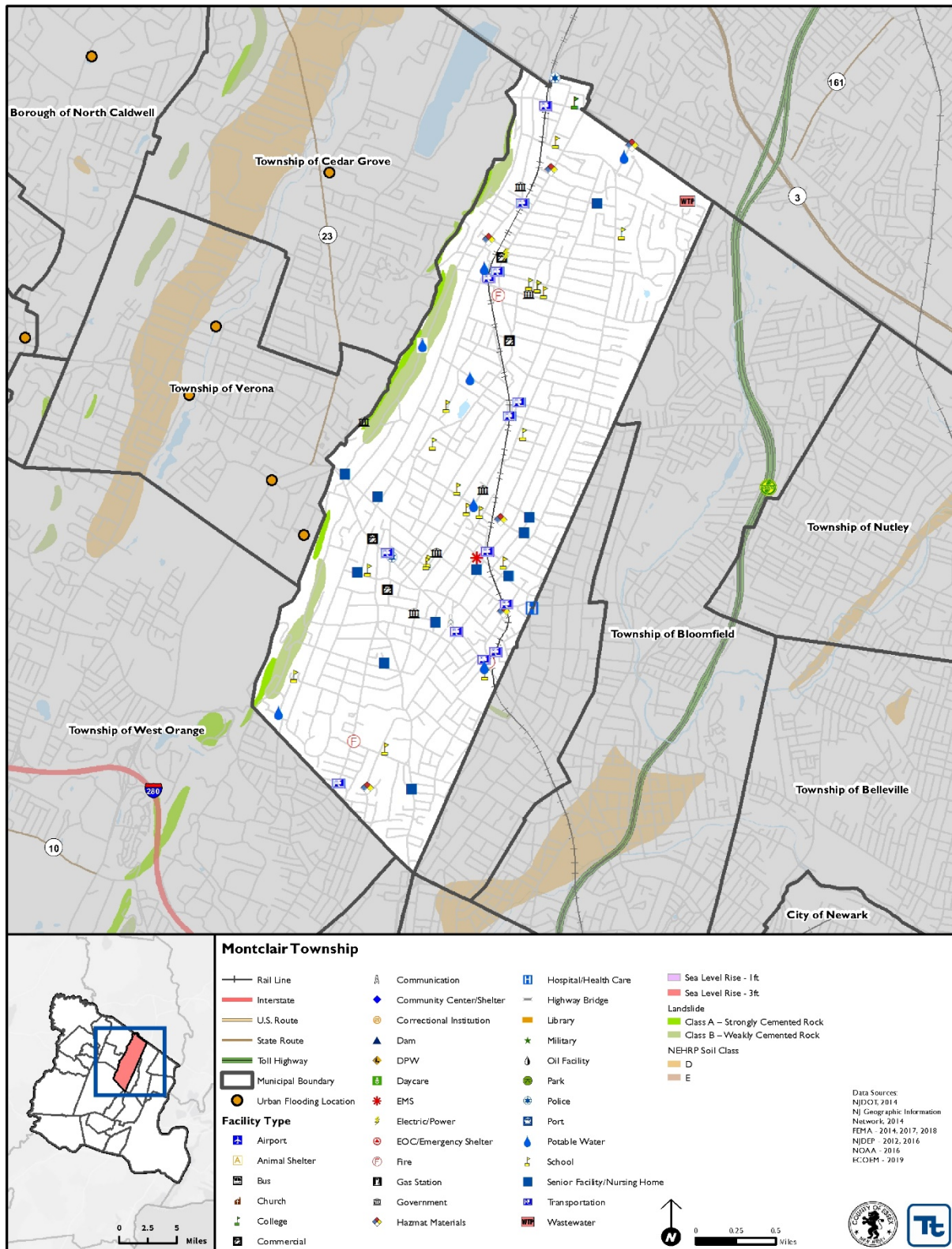




Figure 9.14-2. Township of Montclair Hazard Area Extent and Location Map 2





Name of Jurisdiction: Township of Montclair

Name and Title Completing Worksheet: John Herrmann, Fire Chief

Action Worksheet			
Project Name:	Township microgrid		
Project Number:	2020-Montclair-002		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Interruption		
Description of the Problem:	The Township is prone to utility failure. Critical infrastructure is prone to failure. The Township completed an assessment to complete		
Action or Project Intended for Implementation			
Description of the Solution:	Acquire funding and implement microgrid according to specifications of previously completed assessment.		
Is this project related to a Critical Facility or Lifeline?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Level of Protection:	Greatly reduces chance of power loss	Estimated Benefits (losses avoided):	Power loss risk reduced.
Useful Life:	25 years	Goals Met:	2, 6
Estimated Cost:	High	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 6 months
Estimated Time Required for Project Implementation:	2 years	Potential Funding Sources:	FEMA, HMGP
Responsible Organization:	Department of Community Services	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation Planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Purchase mobile generators	\$30,000 per generator	Reliant on hookups
	Increase tree trimming to reduce chance of utility failure	\$50,000	Power loss still possible.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Township of Montclair

Name of Jurisdiction:

Name and Title Completing John Herrmann, Fire Chief  
Worksheet:

Action Worksheet		
Project Name:	Township Micro-grid	
Project Number:	2020-Montclair-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Hardens utilities to critical infrastructure
Property Protection	1	Protects infrastructure
Cost-Effectiveness	1	
Technical	1	Assessment completed
Political	1	Political support
Legal	1	
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Severe Winter Storm, Utility Interruption
Timeline	1	Able to be completed as soon as funds are available
Agency Champion	1	Department of Community Services
Other Community Objectives	1	
Total	13	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Township of Montclair

Name and Title Completing Worksheet: John Herrmann, Fire Chief

Action Worksheet			
Project Name:	Yantacow Brook Park Dam		
Project Number:	2020-Montclair-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Existing dam is failing and does not meet current DEP regulations. Dam failure could result in flooding and property damage.		
Action or Project Intended for Implementation			
Description of the Solution:	The township will perform an engineering analysis to determine what repairs are necessary. The township will then perform the necessary repairs and improvements to bring the dam up to NJ DEP requirements.		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Level of Protection:	NJ DEP standards	Estimated Benefits (losses avoided):	Dam failure averted
Useful Life:	50 years	Goals Met:	2
Estimated Cost:	TBD by engineering analysis	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	To be completed as soon as funding is available
Estimated Time Required for Project Implementation:	TBD by engineering analysis	Potential Funding Sources:	NJ DEP, HMGP
Responsible Organization:	Department of Community Services	Local Planning Mechanisms to be Used in Implementation if any:	Hazard mitigation planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Remove dam	N/A	Dam cannot be removed as it would increase flooding
	Build new dam upstream	N/A	Building a new dam upstream is not feasible due to property ownership
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Township of Montclair

Name of Jurisdiction:

Name and Title Completing John Herrmann, Fire Chief  
Worksheet:

Action Worksheet		
Project Name:	Yantacow Brook Park Dam	
Project Number:	2020-Montclair-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Protects property from dam failure
Cost-Effectiveness	1	
Technical	1	Technical support likely to be provided by NJ DEP
Political	0	
Legal	1	Mandated by NJ DEP
Fiscal	1	
Environmental	0	
Social	1	
Administrative	0	
Multi-Hazard	0	Flood
Timeline	1	
Agency Champion	1	Department of Community Services
Other Community Objectives	1	
Total	9	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Township of Montclair

Name and Title Completing Worksheet: John Herrmann, Fire Chief

Action Worksheet			
Project Name:	Power line mitigation		
Project Number:	2020-Montclair-004		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Interruption		
Description of the Problem:	Storms result in falling tree branches which can bring down power lines causing power loss.		
Action or Project Intended for Implementation			
Description of the Solution:	Place utilities underground in identified problem areas, especially where utilities are located in rear yards and near critical facilities. In other areas, undergo tree trimming operations.		
Is this project related to a Critical Facility or Lifeline?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Level of Protection:	Reduction in power losses	Estimated Benefits (losses avoided):	Reduction in power losses
Useful Life:	5 years for tree trimming. 50 years for burying of utility lines.	Goals Met:	2, 6
Estimated Cost:	\$3 million per mile of buried line, \$5,000 for tree trimming	Mitigation Action Type:	Structure and infrastructure Projects
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	1 year
Estimated Time Required for Project Implementation:	1 year	Potential Funding Sources:	HMGP, PDM, CHIPS, PSEG
Responsible Organization:	Department of Community Affairs	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation Planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Ask residents to alert township to dangerous trees.	\$1,000	Reactive. Likely to miss most trees.
	Remove all trees along areas with powerlines and property	N/A	Not feasible/environmentally damaging
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			



<b>Update Evaluation of the Problem and/or Solution:</b>	
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Township of Montclair

Name of Jurisdiction:

Name and Title Completing John Herrmann, Fire Chief  
Worksheet:

Action Worksheet		
Project Name:	Power line mitigation	
Project Number:	2020-Montclair-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect utilities from falling tree damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The Township has the legal authority to conduct the project
Fiscal	0	Project requires funding support
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Severe Winter Storm, Utility Interruption
Timeline	0	
Agency Champion	1	Department of Community Affairs
Other Community Objectives	1	Restore natural floodplain function
Total	10	
Priority (High/Med/Low)	High	



Name of Jurisdiction:

Township of Montclair

Name and Title Completing  
Worksheet:

John Herrmann, Fire Chief

Action Worksheet			
Project Name:	Emerald Ash Borer Infestation		
Project Number:	2020-Montclair-005		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Failure		
Description of the Problem:	Per surveying, a town wide infestation of emerald ash borer is worsening. As trees are infected, they are prone to losing branches and falling, leading to utility failure and property damages.		
Action or Project Intended for Implementation			
Description of the Solution:	Perform an updated survey to determine which trees in the township are infected. Remove and treat infested trees.		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Level of Protection:	Removal/treatment of infected trees	Estimated Benefits (losses avoided):	Reduction in utility interruptions
Useful Life:	10 years	Goals Met:	1, 2, 3
Estimated Cost:	TBD by results of survey (extent of infestation)	Mitigation Action Type:	Natural Systems Protection
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 6 months
Estimated Time Required for Project Implementation:	3 years	Potential Funding Sources:	FEMA, HMGP, CHIPS
Responsible Organization:	Department of Community Services	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation Planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Ask residents to alert village to dangerous trees.	\$1,000	Reactive. Likely to miss most trees.
	Remove all trees along areas with powerlines and property	N/A	Not feasible/environmentally damaging
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Township of Montclair

Name of Jurisdiction:

Name and Title Completing Worksheet: John Herrmann, Fire Chief

Action Worksheet		
Project Name:	Emerald Ash Borer Infestation	
Project Number:	2020-Montclair-005	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect properties from falling tree damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The township has the legal authority to conduct the project
Fiscal	0	Project requires funding support
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	
Agency Champion	1	Department of Community Services
Other Community Objectives	1	Restore natural floodplain function
Total	9	
Priority (High/Med/Low)	High	



Name of Jurisdiction:

Township of Montclair

Name and Title Completing Worksheet:

Action Worksheet			
<b>Project Name:</b>	Mitigate flood-prone properties, including RL/SRL properties		
<b>Project Number:</b>	2020-Montclair-008		
Risk / Vulnerability			
<b>Hazard(s) of Concern:</b>	Flood, Severe Storm		
<b>Description of the Problem:</b>	Frequent flooding events have resulted in damages in the following areas: •Nishuane Brook •Toneys Brook These areas are residential, and these properties have been repetitively flooded as documented by paid NFIP claims.		
Action or Project Intended for Implementation			
<b>Description of the Solution:</b>	Conduct outreach to flood-prone property owners, including RL property owners (21 RL) and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in the areas that experience frequent flooding (high risk areas).		
<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>	1% annual chance flood event + freeboard (in accordance with flood ordinance)	<b>Estimated Benefits (losses avoided):</b>	Eliminates flood damage to homes and residents, creates open space for the municipality increasing flood storage.
<b>Useful Life:</b>	Acquisition: Lifetime Elevation: 30 years (residential)	<b>Goals Met:</b>	1, 2, 3
<b>Estimated Cost:</b>	\$3Million	<b>Mitigation Action Type:</b>	Structure and Infrastructure Project
Plan for Implementation			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	6-12 months
<b>Estimated Time Required for Project Implementation:</b>	Three years	<b>Potential Funding Sources:</b>	FEMA HMGP and FMA, local cost share by residents
<b>Responsible Organization:</b>	NFIP Floodplain Administrator, supported by homeowners	<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
	Elevate homes	\$500,000	When this area floods, the entire area is impacted; elevating homes would not eliminate the problem and still lead to road closures and impassable roads
	Elevate roads	\$500,000	Elevated roadways would not protect the homes from flood damages
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>	
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Township of Montclair

Name of Jurisdiction:

Name and Title Completing

Worksheet:

Action Worksheet		
Project Name:	Mitigate flood-prone properties, including RL/SRL properties	
Project Number:	2020-Montclair-007	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Families moved out of high-risk flood areas.
Property Protection	1	Properties removed from high-risk flood areas.
Cost-Effectiveness	1	Cost-effective project
Technical	1	Technically feasible project
Political	1	
Legal	1	The Township has the legal authority to conduct the project.
Fiscal	0	Project will require grant funding.
Environmental	1	
Social	0	Project would remove families from flood prone area of Town.
Administrative	0	
Multi-Hazard	1	Flood, Severe Storm
Timeline	0	
Agency Champion	1	NFIP Floodplain Administrator, supported by homeowners
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	