

**ANNEX 39: BOROUGH OF MOUNT ARLINGTON**

**1 COMMUNITY CAPABILITIES ASSESSMENT**

Table 1 through Table 6 summarizes the different community capabilities and tools that are available to the community to potentially assist in mitigating the impacts of hazards.

**1.1 PLANNING, LEGAL AND REGULATORY CAPABILITIES**

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

**Table 1: Planning, Legal and Regulatory Capability**

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Has the HMP been integrated in the last 5 years ? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Codes, Ordinances, &amp; Requirements</b>					
<b>Building Code</b>	Yes	State, Local, Construction Department	Yes	No	-
<b>Comment:</b> State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.), Chapter 67 of Borough Code					
<b>Zoning Code</b>	Yes	Local, Zoning Board	Yes	No	-
<b>Comment:</b> Chapter 17 (Land Development) Article 8 (Zoning); the purpose of this article is to establish a precise and detailed plan for the use of land and buildings in the Borough of Mount Arlington, based upon the Borough Master Plan, and any amendments, enacted in order to promote and protect the public health, safety, morals, comfort, convenience and the general welfare of the people.					
<b>Subdivisions</b>	Yes	Local, Land Use Board	Yes	Yes	-
<b>Comment:</b> Chapter 17 (Land Development), Article V (Development Requirements) - When the Borough receives a development permit application or subdivision request, they require sketch plats and sketch site plans to show topography, slopes, flood hazard areas, wetlands, and bodies of water.					
<b>Stormwater Management</b>	Yes	Local, Land Use Board	Yes	Yes	-
<b>Comment:</b> Chapter 17 (Land Development), Article IX (Stormwater and Flood Plain Regulations) – the purpose of this article is to protect people and property and preserve the health, safety, and general welfare of the Borough from uncontrolled stormwater runoff and flooding.					
<b>Post-Disaster Recovery</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Real Estate Disclosure</b>	Yes	State, Division of Consumer Affairs	Yes	-	-
<b>Comment:</b> N.J.A.C 13:45A-29.1					
<b>Growth Management</b>	No	-	No	-	-

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				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Comment:</b>					
<b>Site Plan Review</b>	Yes	Local	Yes	-	-
<b>Comment:</b> Chapter 17 (Land Development), Article IV (Development Procedures) – any application that wants to develop in the Borough must apply for and obtain approval of the Planning Board. A subdivision and site plan application must be completed. Building permits are not issued until a site plan is submitted and approved by the Planning Board.					
<b>Environmental Protection</b>	Yes	Local	No	Yes	-
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>Article XI of the Borough of Mt. Arlington Ordinance contains an Environmental Assessment Ordinance entitled "Environmental Impact and Environmental Impact Statement." This Ordinance section sets forth requirements for the submission of a detailed Environmental Appraisal for all land development applications and for an Environmental Impact Statement (EIS) for those development applications that meet or exceed the threshold criteria set forth in the Borough Code. The EIS must contain detailed inventory, analysis, findings and mitigation measures regarding the potential environmental impact of the proposed project on all environmental resources, including but not limited to freshwater wetlands, surface waterbodies, floodplains, topography, groundwater, geology, air quality, wildlife, vegetation, threatened and endangered species and historic and archaeological resources.</li> <li>Ordinance Section 161, entitled "Trees," sets forth requirements to regulate and control indiscriminate and excessive removal, cutting and destruction of trees in order to prevent conditions which cause increased surface drainage with commensurate loss of groundwater infiltration to replenish subsurface water supplies; siltation, sedimentation, soil erosion and decreased soil fertility; dust conditions and mosquito breeding places; and impairment of the stability and value of real estate; all of which conditions are now and will be in the future a detriment to the public safety, health and general welfare.</li> <li>Chapter 17, Article XII (Critical Area Development Control) – the purpose of this article is to protect the health, safety, and welfare of people and property within the Borough from improper construction, building, and development on steep slope and hillside areas in the Borough and more particularly, but without limitation, to reduce the peculiar hazards which exist in hillside areas by reason of erosion, siltation, flooding, soil slippage, surface water runoff pollution of potable water supplies from nonpoint sources, and destruction of unique and predominant views. When the Borough receives a development permit application, they require sketch plats and sketch site plans to show topography, slopes, flood hazard areas, wetlands, and bodies of water.</li> </ul>					
<b>Flood Damage Prevention</b>	Yes	Federal, State, Local, Construction	Yes	Yes	-
<b>Comment:</b> Chapter 17 (Land Development), Article IX (Stormwater and Flood Plain Regulations) – the purpose of this article is to protect people and property and preserve the health, safety, and general welfare of the Borough from uncontrolled stormwater runoff and flooding. Section 41 of Chapter 17 provides specific floodplain requirements for the Borough. The Borough Engineer is responsible for enforcing this chapter. The Borough requires all new residential construction, residential additions, and substantial improvements of residential structures in the floodplain to have their lowest floor, including basement, elevated to at least six inches above the base flood elevation. All new non-residential construction in the floodplain must have their lowest floor (including basement) elevated at least one foot above the base flood elevation or be floodproofed, depending on the type of facility.					
<b>Wellhead Protection</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Emergency Management</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Climate Change</b>	No	-	No	-	-

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	Is this State Mandated?	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Comment:</b>					
Disaster Recovery Ordinance	No	-	No	-	-
<b>Comment:</b>					
Disaster Reconstruction Ordinance	No	-	No	-	-
<b>Comment:</b>					
Other	No	-	No	-	-
<b>Comment:</b>					
<b>Planning Documents</b>					
Comprehensive / Master Plan	Yes	Local, Land Use and Planning Board	Yes	No	-
<b>Comment:</b> Last revision was in 2005; updated in December 2015. The 2015 Master Plan is consistent with the Highlands Regional Master Plan, where applicable, and the goals of the Lake Hopatcong Commission to “safeguard Lake Hopatcong as a natural, scenic, and recreational resource to ensure that the lake may be enjoyed to the fullest possible measure by citizens of, and visitors to, the State both now and in the future”. While the Master Plan does not specify the Morris County HMP, some of the goals of the Master Plan align with those of the Morris County HMP including protecting environmentally sensitive areas including streams, wetlands and steep slopes. The land use map of the Borough includes slopes, wetlands, water, and flood hazard areas.					
Capital Improvement Plan	Yes	Local, Administrative	Yes	No	-
<b>Comment:</b> This is incorporated into the annual budget that is approved each year. It includes a line item for capital improvements with funds outlined for road improvements, water utility, and sewer utility.					
Disaster Debris Management Plan	No	-	No	-	-
<b>Comment:</b>					
Floodplain or Watershed Plan	Yes	Local, Land Use Board	No	-	-
<b>Comment:</b> This was identified in the 1999 version of the Master Plan and had been addressed through the development of public sanitary sewer service along the Lake Hopatcong area					
Stormwater Management Plan	Yes	Local, Land Use Board	Yes	-	-
<b>Comment:</b> Plan is Consistent with the N.J.A.C 7:8-5.4 Runoff Quantity Standards intended to mitigate flooding impact caused by runoff					
Stormwater Pollution Prevention Plan	Yes	Local	Yes	-	-
<b>Comment:</b>					
Urban Water Management Plan	No	-	No	-	-
<b>Comment:</b>					
Habitat Conservation Plan	No	-	No	-	-
<b>Comment:</b>					

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				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Economic Development Plan</b>	Yes	Local, Land Use Board	No	-	-
<b>Comment:</b> The Plan is specific in areas currently designated for commercial development which is well suited in location to minimize natural hazard impacts					
<b>Shoreline Management Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Community Wildfire Protection Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Community Forest Management Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Transportation Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Agriculture Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Climate Action Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Tourism Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Business Development Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Other</b>	Yes	Local	No	-	-
<b>Comment:</b>					
<ul style="list-style-type: none"> <li>Impervious Cover Reduction Action Plan for Mount Arlington Borough – August 10, 2016 – conducting by Rutgers University based on the amount of calculated impervious surfaces in the Borough. The plan provided green infrastructure practices the Borough could implement.</li> </ul>					
<b>Response/Recovery Planning</b>					
<b>Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)</b>	Yes	Local, OEM	Yes	-	-
<b>Comment:</b> Emergency Operations Plan					
<b>Threat &amp; Hazard Identification &amp; Risk Assessment (THIRA)</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Post-Disaster Recovery Plan</b>	No	-	No	-	-
<b>Comment:</b>					
<b>Continuity of Operations Plan</b>	No	-	No	-	-

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				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<b>Comment:</b>					
Public Health Plan	Yes	Local	No	-	-
<b>Comment:</b> Borough Health Department – share health department with Mount Olive					
Other	No	-	No	-	-
<b>Comment:</b>					

Table 2: Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes - Construction Department and Land Use Board
Does your jurisdiction have the ability to track permits by hazard area?	No – no designated hazard areas in the Borough
Does your jurisdiction have a buildable lands inventory? -If yes, please describe briefly. -If no, please quantitatively describe the level of buildout in the jurisdiction.	Yes – but the borough is nearly fully developed

## 1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

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

Table 3: Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
<b>Administrative Capability</b>		
Planning Board	Yes	Land Use Board – combined board handling the business of both the Planning and Zoning Boards
Mitigation Planning Committee	Yes	OEM, Administration, Land Use
Environmental Board / Commission	Yes	Mount Arlington Green Initiatives Committee (MAGIC) - the main focus of the committee is community outreach and organizing events that will introduce and endorse sustainable practices to Borough residents
Open Space Board / Committee	Yes	Land Use Board
Economic Development Commission / Committee	No	
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	RAVE reverse 911 through the County
Maintenance program to reduce risk	No	
Mutual aid agreements	Yes	Surrounding Communities

Staff/Personnel Resource	Available?	Department/Agency/Position
<b>Technical/Staffing Capability</b>		
Planners or engineers with knowledge of land development and land management practices	Yes	J. Caldwell & Associates, LLC, CP Engineers LLC, Matrix New World Engineering Inc.
Engineers or professionals trained in building or infrastructure construction practices	Yes	J. Caldwell & Associates, LLC, CP Engineers LLC, Matrix New World Engineering Inc.
Planners or engineers with an understanding of natural hazards	Yes	J. Caldwell & Associates, LLC, CP Engineers LLC, Matrix New World Engineering Inc.
Staff with training in benefit/cost analysis	Yes	CP Engineers, LLC – Borough Engineering
Staff with training in green infrastructure	Yes	CP Engineers and MAGIC
Staff with education/knowledge/training in low impact development	Yes	J. Caldwells and Associates
Surveyor	Yes	J. Caldwell & Associates, LLC, CP Engineers LLC, Matrix New World Engineering Inc.
Personnel skilled or trained in GIS applications	No	
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	OEM
Watershed planner	No	
Environmental specialist	No	
Grant writers	Yes	Millennium, CP Engineers, and J. Caldwell & Associates
Resilience Officer	No	
Other	No	

### 1.3 FISCAL CAPABILITIES

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

Table 4: Fiscal Capabilities

Financial Resource	Accessible or Eligible to Use?
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	No
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State-Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	No
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other	No

### 1.4 EDUCATION AND OUTREACH CAPABILITIES

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

**Table 5: Education and Outreach Capabilities**

Criterion	Response
Do you have a public information officer or communications office?	Yes – OEM Coordinator/Police Chief
Do you have personnel skilled or trained in website development?	Yes – Borough has contractor to do this
Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes – On the municipal website and Facebook page
Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes – Facebook
Do you have any citizen boards or commissions that address issues related to hazard mitigation? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes – LEPC, Lake Hopatcong Foundations
Do you have any other programs already in place that could be used to communicate hazard-related information? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes – Municipal newsletters, emails
Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> <li>If yes, briefly describe.</li> </ul>	Yes – reverse 911

### 1.5 COMMUNITY CLASSIFICATIONS

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

**Table 6: Community Classifications**

Program	Participating?	Classification	Date Classified
Community Rating System	No	NP	NP
Building Code Effectiveness Grading Schedule (BCEGS)	-	-	-
Public Protection (Fire ISO Protection Class)	-	-	-
Storm Ready Certification	No	NP	NP
Firewise Community Classification	No	NP	NP
Sustainable Jersey	Yes	Bronze	12/12/2019

### 1.6 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

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

**Table 7: National Flood Insurance Program Compliance**

Criterion	Response
What local department is responsible for floodplain management?	Engineering
Who is your floodplain administrator? (name, department/position)	Engineer
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date that your flood damage prevention ordinance was last amended?	Chapter 99 (Flood Damage Prevention Ordinance) – Adopted 12/16/1987; Specific conditions is in Chapter 17, Article 41 (2006)

Criterion	Response
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> <li>If exceeds, in what ways?</li> </ul>	Meets the minimum
When was the most recent Community Assistance Visit or Community Assistance Contact?	September 14, 2010
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>	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> <li>If so, state what they are.</li> </ul>	No
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>	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> <li>If so, what type of assistance/training is needed?</li> </ul>	No
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>	No
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>	20 Policies in force. \$5,400,000 Insurance In-Force. \$7,107 Premium In-Force.
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>	3 Claims. 0 claims still open. 1 claim closed without payment. Total claim amount \$3,807
Do you maintain a list of properties that have been damaged by flooding?	No
Do you maintain a list of property owners interested in flood mitigation?	No

## 2 HAZARD ANALYSIS AND RISK ASSESSMENT

### 2.1 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Borough of Mount Arlington that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Borough of Mount Arlington has significant exposure. Refer to Figure 1 and Figure 2.

### 2.2 REPETITIVE FLOOD LOSSES

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

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

### 2.3 CRITICAL FACILITIES

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

**Table 8: Potential Flood Losses to Critical Facilities and Lifelines**

There are no critical facilities or lifelines identified in the floodplain at this time.

## 2.4 HAZARD RANKING

This section includes the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 3 (Risk Assessment).

**Table 9: Borough of Mount Arlington Hazard Ranking Input**

Hazard	Ranking	Hazard	Ranking
Drought	Medium	Hazardous Substances	High
Earthquake	Medium	Severe Weather	High
Extreme Temperature	Medium	Severe Winter Storm	High
Flood	Low	Wildfire	Low
Geological Hazards	Low		

## 2.5 COMPLETED ACTIONS

Mount Arlington reported the following completed actions.

Mitigation Action Name	How does the action solve the problem?	Justification
Enhance Pandemic Response Operations	While the Borough has some equipment to assistance with pandemic response, additional equipment and enhancements are needed. Enhance the pandemic response operations of the Borough to address current and potential diseases. This will include increasing the stockpile of disinfectants for Borough equipment, purchasing new equipment to allow for social distancing, purchase thermal readers for staff and residents entering municipal buildings, purchase portable UV disinfectant system for shared areas and equipment, and purchase personal protective equipment for staff (e.g. masks, gloves, face shields).	The Borough purchased PPE and enhanced procedures after Covid-19.
Public Education and Outreach Program	The Borough maintains a website and social media accounts that provide information to residents. This includes announcements, emergency alerts, forms, and contact information. However, the website does not include hazard-related information. The Borough will develop and implement a multi-hazard public awareness program. This will include information on the types of hazards that can impact the Borough based on the County’s HMP. Topics will include preparedness, mitigation measures, safe generator use, and posting information about the County’s HMP on the municipal website.	The Borough utilizes community pass, mail chimp and social media platforms for public outreach on hazards.

## 2.6 CANCELLED ACTIONS

Mount Arlington reported the following cancelled actions.

Mitigation Action Name	What is the problem the action is solving?	Justification
Generators for Public Schools	Two public schools in the Borough, Mt. Arlington Public School and Edith M. Decker school are both identified as shelters for the Borough. However, neither school has backup power. In the event of a power outage, the schools cannot function as shelters for residents. Working with the Borough Engineer, identify the proper size generators for each school. Once identified, purchase and install generators and associated equipment at each school.	The Borough has two portable generators that can be utilized in the event of an emergency. This project is no longer necessary.

**2.7 HAZARD MITIGATION STRATEGY**

**2.7.1 STRATEGY BACKGROUND**

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Not Started In Progress
1	Mount Arlington	Debris Management Planning	The Borough lacks a post-disaster debris management plan and program.	Develop a debris management plan to guide management operations.	No	New
2	Mount Arlington	Tree Management Program	The emerald ash borer has resulted in dead trees across the Borough, creating a fire risk.	Develop a fuels reduction program that removes dead trees.	No	New

**2.7.2 STRATEGY IMPLEMENTATION**

Action	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
1	All Hazards	N/A	Goal 1	N/A	OEM	DPW	HMGP; local funds	Comprehensive debris program
2	Wildfire	Severe Storm; Severe Winter Storm	Goal 1	N/A	DPW	OEM	HMGP; local funds	Wildfire fuels reduction; reduce risk of broken branches

2.7.3 STRATEGY RANKINGS

Action	What is the estimated cost of this action?	What is the estimated timeline for this action to be implemented?	Potential for Lives Saved	Potential for Reduced Property Damages	Potential for Reduced Response Actions	Benefits Exceed Costs	Community Action Priority Ranking	Total	Action Priority
			1 - Little Potential 2 - Some Potential 3 - Major Potential	1 - Little Potential 2 - Some Potential 3 - Major Potential	1 - Little Potential 2 - Some Potential 3 - Major Potential	0 - BCA equal 2 - Minor Exceedance 3 - Major Exceedance	1 - Low Priority 2 - Medium Priority 3 - High Priority		
1	Under \$100k	3-5 years	1	1	2	2	2	8	Low
2	Under \$50k	1-3 years	2	3	3	3	2	13	High

Figure 1: Borough of Mount Arlington Hazard Area Extent and Location Map 1



