

# 6 Bartlett 2021 MJ-HMP Jurisdictional Annual Report

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**Annual Reporting Year:** 2021

**Background:** Cook County and participating municipalities in the county developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating partners organized resources, assessed risks from natural hazards within the county, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

**Purpose:** The purpose of this report is to provide an annual update on the implementation of the action plan identified in the Cook County Multi-Jurisdictional Hazard Mitigation Plan. The objective is to ensure that there is a continuing and responsive planning process that will keep the Hazard Mitigation Plan dynamic and responsive to the needs and capabilities of the partner jurisdictions. This report discusses the following:

- Natural hazard events that have occurred within the last year
- Changes in risk exposure within the planning area (all of Cook County) Mitigation success stories
- Review of the action plan
- Changes in capabilities that could impact plan implementation
- Recommendations for changes/enhancement.

## Hazard Analysis

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

**Flood/Severe Weather:** Multiple events have caused extensive property damage in the area.

**Hail:** This event occurs during thunderstorms, which often cause flooding and severe wind events. Power line, structures, and trees are frequently damaged.

**Tornado/High Winds:** High winds have historically affected residential areas, causing downed trees and downed electrical lines.

**Snow:** Senior citizens and individuals with functional and access needs in the community have historically had issues when there is a large amount of snow or severe winter weather.

**Extreme Cold:** Senior citizen complexes/housing, and those that reside in those facilities are especially vulnerable during extreme cold incidents.

## Natural Hazard Events in 2021

**Instructions:** Please use the **Edit** Tool to describe new hazard occurrences/incidents from the past year that have impacted your jurisdiction and had a measurable impact on people or property. (Example: A tornado occurred on [Date] and impacted [insert area] and caused damage to [insert damages]). You may also use the Edit Tool to suggest any modifications/improvements to the hazards unique to your community, as described below from the 2019 plan.

Describe 2021 Natural Hazard Events Here: COVID 19 pandemic continued into 2021. Village continued to implement mitigation procedures for employees and infrastructure to minimize the virus spread per CDC and IDPH guidelines.

## Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process.

## New Mitigation Actions

Please submit [here](#)

## Ongoing Mitigation Actions

The following are ongoing actions. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed. Reviewers of this report should refer to the Hazard Mitigation Plan for more detailed descriptions of each action and the prioritization process. Address the following for each mitigation action:

- Was any element of the action carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation or the action still appropriate?
- If the action was completed, does it need to be changed or removed from the action plan?

**TABLE: HAZARD MITIGATION ACTION PLAN MATRIX**

Completion status legend:								
			N = New	O = Action Ongoing toward Completion				
			C = Project Completed	R = Want Removed from Annex	X = No Action Taken			
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
<b>Action B1.1—Provide Businesses with Rapid Response First Aid Kits to be used On-Site by First Responders during an Emergency</b>								
<b>Status Description:</b>								
R	X	New	Severe Weather, Extreme Winter Weather, Tornado	1, 2, 3, 12, 13	Bartlett Police Department	\$1,000	Local Funds	2020
<b>Action B1.2—Storm Ready Community</b>								
<b>Status Description:</b>								
C	Earned Storm Ready Status 2019-2022 from NWS	New	Flood, Lightning, High Wind, Blizzard, Extreme Cold, Ice Storms, Tornado		Village of Bartlett		Local Funds	2022
<b>Action B1.3—Residential Drainage Cost Share</b>								
<b>Status Description:</b>								
O		New	Flood		Village of Bartlett	\$5,000 per applicant	Local Funds	2022
<b>Action B1.4—Waste Water Treatment Plant upgrade</b>								
<b>Status Description:</b>								
N	-	-	Flood, Snow, Blizzard, Ice Storms	1, 2, 3	Bartlett Public Works	\$37,000,000	IEPA Loan	2023
<b>Action B1.5—Severe Weather Table Top exercise</b>								
<b>Status Description:</b>								
N	-	-	Flood, Lightning, Hail, High Wind, Tornado, Wide Spread Power Outage	4, 5	Emergency Management	\$0	Local Funds	2021
(a) Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.								

**Mitigation Success Stories:** Examples of mitigation success stories include, but are not limited to: received a Grant, completed a major mitigation project, etc.

IEPA loan granted for upgrades to waste water treatment plant.

Table top exercise completed on 9/22/21 testing Village's response to severe weather.

**Future Needs:** Examples of future needs include, but are not limited to: receiving training to better understand the mitigation grant application process, studies that may be needed to better understand hazards/risks, etc.

Training for ICS position responsibilities.

## 6.1 Action B1.4

<b>Mitigation Action</b>	Waste Water Treatment Plant upgrade
<b>Year Initiated</b>	2021
<b>Applicable Jurisdiction</b>	Village of Bartlett
<b>Lead Agency/Organization</b>	Bartlett Public Works
<b>Supporting Agencies/Organizations</b>	Bartlett Administration
<b>Applicable Goal</b>	<ul style="list-style-type: none"> <li>• Develop and implement sustainable, cost-effective, and environmentally sound risk-reduction (mitigation) projects.</li> <li>• Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards.</li> <li>• Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.</li> </ul>
<b>Potential Funding Source</b>	IEPA Loan
<b>Estimated Cost</b>	\$37,000,000
<b>Benefits (loss avoided)</b>	Allow plant to take on more flow during heavy rains
<b>Projected Completion Date</b>	2023
<b>Priority and Level of Importance (Low, Medium, High)</b>	High Priority
<b>Benefit Analysis (Low, Medium, High)</b>	High—Project will provide an immediate reduction of risk exposure for life and property.
<b>Cost Analysis (Low, Medium, High)</b>	High—Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).
<b>Actual Completion Date</b>	-

### Recommended Mitigation Action/Implementation Plan and Project Description

<b>Action/Implementation Plan and Project Description:</b>	Project will begin in late 2021 and continue for approximately 2 1/2 years. IEPA loan was granted and will cover funds for project. Plan will allow infrastructure to handle more flow further reducing the chance of flooding during severe storms and heavy rains.
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### Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

**Mitigated Hazards**

<b>All Hazards</b>	
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
X	Snow
X	Blizzard
	Extreme Cold
X	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

## 6.2 Action B1.5

<b>Mitigation Action</b>	Severe Weather Table Top exercise
<b>Year Initiated</b>	2021
<b>Applicable Jurisdiction</b>	Village of Bartlett
<b>Lead Agency/Organization</b>	Emergency Management
<b>Supporting Agencies/Organizations</b>	Bartlett Administration
<b>Applicable Goal</b>	<ul style="list-style-type: none"> <li>Involve stakeholders to enhance the local capacity to mitigate, prepare for, and respond to the impacts of natural hazards.</li> <li>Develop, promote, and integrate mitigation action plans.</li> </ul>
<b>Potential Funding Source</b>	Local Funds
<b>Estimated Cost</b>	0
<b>Benefits (loss avoided)</b>	Allowed Village officials to test capability of Village response to natural disasters
<b>Projected Completion Date</b>	2021
<b>Priority and Level of Importance (Low, Medium, High)</b>	High Priority
<b>Benefit Analysis (Low, Medium, High)</b>	High—Project will provide an immediate reduction of risk exposure for life and property.
<b>Cost Analysis (Low, Medium, High)</b>	Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.
<b>Actual Completion Date</b>	-

### Recommended Mitigation Action/Implementation Plan and Project Description

<b>Action/Implementation Plan and Project Description:</b>	On 9/22/21 Bartlett conducted a table top exercise in response to severe weather/tornado. Exercise tested Village's ability to operate emergency operations center according to NIMS guidelines. It tested the new disaster reporting system. It tested public warning system. It tested documentation process according to NIMS guidelines.
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### Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

### Mitigated Hazards

	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
X	Lightning
X	Hail
	Fog
X	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
X	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
X	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident