

6 Merrionette Park 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: Flooding is possible throughout the Village, especially Sacramento Dr. on the left side of the street.

Extreme Heat: The Village would benefit from providing Cooling Centers, food, and water during an extreme heat event.

Lightning: The Village is vulnerable to possible fires and building damage from lightning.

Hail: The Village is vulnerable to glass breaking as a result of hail.

Fog: The community is susceptible to bodily harm and property damage caused by fog-related car accidents.

High Winds: The Village is vulnerable to damaged power lines and building damage during high wind events.

Snow: In the event of heavy snow, the Village is vulnerable to delayed operations. In addition, some residents, such as seniors may require help

Extreme Cold: Currently, the Village is vulnerable to extreme cold because there are residents without heat and the Village does not have a warming center.

Ice Storms: Ice storms expose the residents of the Village to potential car accidents and delayed emergency services.

Severe Weather/Winter Weather: Numerous trees, tree limbs and power lines were blown down across far southern parts of the City of Chicago. The Beverly Hills/Morgan Park area had extensive tree damage including damage to houses and cars.

Drought: The Village water main, valve, and fire hydrant are in need of replacement along Meadow Lane which is prone to breaks. Can lead to water loss.

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: None to report.

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)
Action M6.1 —Water main, valve, and fire hydrant replacement along 118th Street which is prone to breaks								
Status Description:								
-	-	Completed	All	2, 7	PW	\$420,000; Medium	IEPA Low Interest Loan	Completed
Action M6.2 —Construct a Salt Storage Facility.								
Status Description: A Salt Storage Facility has been constructed.								
C		Ongoing	Severe Winter Weather	2, 7	PW	\$300,000; Medium	Community Development Loan	Completed
Action M6.3 —Storm sewer replacement/upsizing on 115th Street which, is prone to flooding.								
Status Description: Lack of funding.								
X		Ongoing	Flood	7, 9	PW, MWRD	\$250,000; High	Bond, General revenue, MWRD-Phase II	Long-term Depending upon Funding
Action M6.4 —Retrofit Water Supply Systems to prevent water loss.								
Status Description: Lack of funding.								
X		Ongoing	Drought, Severe Weather, Tornado, Earthquake	2, 7	PW	Medium	Village	Long-Term
Action M6.5 —Adopt MWRD Watershed Management Ordinance								
Status Description: Best course of action to be determined.								
X		Ongoing	Flood, Server Weather	3, 9, 10	Village Board	Low	General revenue	Short-term ongoing
Action M6.6 —Install/Upgrade Generators at water plant and lift stations								
Status Description: Lack of funding.								
X		Ongoing	Flood, Drought, Severe Weather	2, 7	PW	Medium	General revenue, Bonds, FEMA Grants	Long-term
Action M6.7 —Expand/Improve Public Works Facility								
Status Description: Lack of funding.								
X		Ongoing	All Hazards	2, 7	BD, PW	Med	General Revenue, Bonds	Long-term
Action M6.8 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.								
Status Description: Lack of funding.								
X		Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on Funding)
Action M6.9 —Continue to support the countywide actions identified in this plan.								
Status Description: Continued implementation of this plan.								

O		Ongoing	All	All	Village	Low	General Fund	Short-term and Long-term
Action M6.10 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description: Continued implementation of this plan.								
O		Ongoing	All	3, 4, 6	DHSEM, Village	Low	General Fund	Short-term
Action M6.11 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description: Lack of funding.								
X		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village	Low	General Fund	Long-term
Action M6.12 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.								
Status Description: Village continues to be in good standing with the National Flood Insurance Program								
O		Ongoing	Flooding	4, 6, 9	Village	Low	General Fund	Short-term and ongoing
Action M6.13 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description: Lack of staff/funding.								
X		Ongoing	Flooding, Severe Weather	3, 6, 9	Village	Medium	General Fund, FEMA Grant Funds (public Assistance)	Long Term
Action M6.14 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village's regulatory, financial and technical capability to implement mitigation actions.								
Status Description: Lack of staff/funding.								
X		Ongoing	All	1, 2, 7	Public Works	High	CIP components of general fund (if implemented)	Long-term
Action M6.15 —Water main, valve, and fire hydrant replacement along 118th Street which is prone to breaks								
Status Description: DUPLICATE of Action M6.1								
R		Ongoing	Drought, Earthquake, Flood, Extreme Cold, Ice Storms	2, 7, 12, 13	TBD	TBD	TBD	Completed
Action M6.16 —Water main, valve, and fire hydrant replacement along Meadow Lane which is prone to breaks								
Status Description: Improvements have been completed.								
C		New	Drought, Earthquake, Flood, Extreme Cold, Ice Storms	2, 7, 12, 13	TBD	\$900,000; High	IEPA Low-Interest Loan	Completed
Action M6.17 —Continuous maintenance of all detention ponds								
Status Description:								
New	-	-	Flood	2, 3	Public Works	Low	Local Funds	Ongoing
(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.

A salt storage facility has been constructed at the village public works facility. With the completion of this project, the following MJ-HMP objectives were met;

Objective 2: increase resilience of (or protect and maintain) infrastructure and critical facilities and

Objective 7: Retrofit, purchase, or relocate structures in high hazard areas, including those known to be repetitively damaged.

Water main replacement along Meadow Lane has been completed. With the completion of this project, the following MJ-HMP objectives were met;

Objective 2: increase resilience of (or protect and maintain) infrastructure and critical facilities,

Objective 7: Retrofit, purchase, or relocate structures in high hazard areas, including those known to be repetitively damaged,

Objective 12: Reduce natural hazard-related risks and vulnerability to potentially isolated populations within the planning area, and

Objective 13: Encourage hazard mitigation measures that result in the least adverse effect on the natural environment and that use natural processes.

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 Village staff on better understanding the implementation of this mitigation plan as well as the grant application process.

6.1 Action M6.17

Mitigation Action	Continuous maintenance of all detention ponds
Year Initiated	2021
Applicable Jurisdiction	City of Merrionette Park
Lead Agency/Organization	Public Works
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> • Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards. • Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events.
Potential Funding Source	Local Funds
Estimated Cost	-
Benefits (loss avoided)	Improve stormwater collection and flood control.
Projected Completion Date	Ongoing
Priority and Level of Importance (Low, Medium, High)	Medium Priority
Benefit Analysis (Low, Medium, High)	Medium—Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.
Cost Analysis (Low, Medium, High)	Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	An ongoing maintenance plan for all Village-owned detention ponds will be implemented and enforced by the new Public Works Director.
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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
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	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