

6 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: The Village has experienced impassable streets and residential flooding (especially in the west section of the Village). The area in the floodplain (around gold club) is particularly susceptible to flooding but can also be used for stormwater retention. Basements can be flooded and residents need to be educated on when and how best to seek shelter.

Wind/Tornado: Above ground power lines are susceptible to winds. Shelter plans must consider the impact of the winds on the power grid. 13.6% of the residents are 65 and over and need a safe place during an extended power outage.

Dam/Levee Failure: While none has occurred, a structural failure at the Skokie Lagoon Dam could impact the area.

Drought: While no drought has occurred for a substantial period, water quality and increasing temperatures are a concern for the community.

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

No significant events in 2021

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 W6.1 —Work towards completion of storm water improvements to mitigate flooding.								
Status Description:								
2020: Moving forward with the design of Phase I & Phase II flooding mitigation plans in 2021.								
2021: Moving forward with construction on downstream storage in 2022								
O		Ongoing	Severe Weather, Flooding	1, 2, 3, 6, 8, 9	Department of Public Works	\$45,000,000; Medium	Bonds, Storm Water Utility Fee	Short-term
Action W6.2 —Encourage the burying of electrical services lines underground to protect from weather events.								
Status Description: 2021 No change.								
O		Ongoing	All	1, 10	Electric Department	\$54,700,000; High	Capital Improvement Fund, Grants	Long-term
Action W6.3 —Encourage stormwater detention and runoff reduction through code enhancements.								
Status Description: 2021 No change								
O	-	Completed	Severe Weather, Flooding	1, 3, 4, 9, 11	Public Works, Community Development	Low	General Fund	Completed
Action W6.4 —Develop a communications link with the Cook County Forest Preserve District to alert Winnetka in the event of a structural concern regarding the Skokie Lagoon Dam.								
Status Description:								
2021: No change.								
O		Ongoing	Severe Weather, Flooding, Dam Failure	2, 5, 8	Public Works	Low	General Fund	Short-term
Action W6.5 —Update Emergency Operations Plans.								
Status Description: Updated 2019								
To be reviewed 2022								
C	-	Completed	All	1, 2, 5, 8	Fire Department	Low	General Fund	Completed
Action W6.6 —Continue to support the implementation (Countywide actions), monitoring, maintenance, and updating of this Plan as defined in Volume 1.								
Status Description:								
O	-	Completed	All	All	DHSEM, Fire Department	Low	General Fund	Completed
Action W6.7 —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: 2021 updated floodplain ordinance to include 2021 FEMA maps and maintain good standing								
O	-	Completed	Severe Weather, Flooding	4, 6, 9	Public Works	Low	General Fund	Completed
Action W6.8 —Once CRS classification is confirmed, Village will maintain/enhance that classification through its existing floodplain management program.								
Status Description: Village participates in CRS with classification of 6								
O	-	Completed	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Public Works	Low	General Fund	Completed
Action W6.9 —Work with all schools on severe weather drills.								
Status Description: We participate and train with every school on evacuation and shelter in place drills annually								

O	-	Completed	Severe Weather, Tornado	2, 5, 6, 8	Fire Department	Low	General Fund	Completed
Action W6.10 —Update shelter plan for extreme weather conditions.								
Status Description:								
2021: An emergency shelter plan has been created for highly populated events in our commercial area.								
O		Ongoing	Severe Weather, Severe Winter Weather, Tornado	6, 8	Fire Department	Low	General Fund	On-Going
Action W6.11 —Develop an educational program to inform residents on how to prepare for severe weather events.								
Status Description:								
2020: Information on flood mitigation is now located on the Village's website.								
2021: Website is maintained with mailings and media added in 2021.								
O		Ongoing	Severe Weather, Severe Winter Weather, Tornado, Drought	1, 6, 8, 11	Multiple Departments	Low	General Fund	Long-term
Action W6.12 —Monitor water conservation initiatives in the event of drought conditions.								
Status Description: 2021 drought conditions are monitored by Water Department and actions/notifications made accordingly.								
O	-	Completed	Drought	1, 6, 8, 11	Water Department	Low	General Fund	Completed
Action W6.13 —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:								
2020: On-going as opportunities present themselves.								
2021: Grant funding for one property to be demolished in the flood plain.								
O		Ongoing	All	7, 13	Village of Winnetka	Low	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action W6.14 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:2021 - no change								
O		Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Winnetka	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action W6.15 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description: 2021 Village will incorporate MJ-HMP into Comprehensive plan being developed in 2022								
O		Ongoing	All	3, 4, 6, 10, 13	Community Development	Low	General Fund	Completed
Action W6.16 —Actively maintain and clear the critical waterways and overflow routes within the village								
Status Description:								
2020: These areas are maintained as part of the annual maintenance program for critical drainage ditches and swales.								
2021: Continue with previous program.								
O		New	Flood	3, 9	Village of Winnetka	\$10,000; Low	Local Funds and Grants	Ongoing
Action W6.17 —Implement the Hibbard Road Forest Preserve Wetland and Duke Childs Stormwater Management Project								
Status Description:								
2020: Completing design for mitigation in 2021.								
2021: Construction to commence in Spring 2022.								

O		New	Flood	2, 8, 9	Village of Winnetka	\$11,000,000; High	Local Funding, Grants	Ongoing (2022)
Action W6.18—								
Status Description:								
N	-	-	Flood, Lightning, Hail, High Wind, Blizzard, Tornado, Ice Storms, Widespread Power Outage	2	Winnetka Fire Department	\$50,000	Local Funds	2022
(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.

Received MWRD flood prone property acquisition grant for one structure in the flood plain.

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.

6.1 Action W6.18

Mitigation Action	Replace emergency sirens
Year Initiated	2021
Applicable Jurisdiction	Winnetka
Lead Agency/Organization	Winnetka Fire Department
Supporting Agencies/Organizations	Winnetka Police Department
Applicable Goal	Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards.
Potential Funding Source	Local Funds
Estimated Cost	\$50,000
Benefits (loss avoided)	Early notification of storm event
Projected Completion Date	2022
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:	Existing emergency warning sirens are aging and parts are becoming obsolete. We are looking to replace the existing notification sirens with new bidirectional sirens.
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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
X	Blizzard
	Extreme Cold
X	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