

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: Previously, we have experienced overland and street and basement flooding, mostly due to our over-taxed sewer and stormwater system.

Extreme Heat: Due to our several extended care facilities, a power outage and generator failure caused by extreme heat would require evacuation.

High Winds: High winds pose a specific impact to our Village because our community has a large number of old large trees that will fall on homes, cars, and power lines during high winds events. In addition, most of our community has overhead power lines that lead to further potential impacts.

Blizzards: Similar to the jurisdiction-specific impacts of high winds, we are vulnerable to blizzards because of our large, mature trees and overhead power lines.

Ice Storms: Similar to the jurisdiction-specific impacts of high winds and blizzards, we are vulnerable to ice storms because of our large, mature trees and overhead power lines.⁴

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: **No significant events in 2020 or 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?
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TABLE: HAZARD MITIGATION ACTION PLAN MATRIX

<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>								
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action W5.1 —Conduct a separate storm sewer study.								
Status Description:								
-	-	Completed	Flood, Severe Weather	1, 2, 4, 6, 9, 10	Village of Wilmette, Engineering Department	\$265,000; Medium	Bond	Complete
Action W5.2 —Conduct Princeton Place/Kenilworth Gardens study (flooding problems).								
Status Description:								
-	-	Completed	Flood, Severe Weather	1, 2, 4, 9, 10	Village of Wilmette, Engineering Department	\$250,000; Medium	Bond	Complete
Action W5.3 —Construction of the Neighborhood Storage Improvement Project (NSIP) to alleviate flooding problems.								
Status Description: Two of the three phases are completed to date. Final phase is scheduled for 2022.								
O	O	Ongoing	Flood, Severe Weather	3, 13	Village of Wilmette	TBD	TBD	TBD
Action W5.4 —Maintain and replace municipality's tornado warning systems (as needed).								
Status Description: Completed in 2018.								
-	-	Completed	Tornado, Severe Weather	1, 5	Village of Wilmette	\$22,000; High	Grants, General Revenue, Bond	Short- and Long-term
Action W5.5 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or development.								
Status Description:								
O	O	Ongoing	All	3, 4, 6, 10, 13	Community Development and Engineering Departments	Low	General Fund	Short-term
Action W5.6 —Complete sewer capacity improvements.								
Status Description:								
-	-	Complete	Flood, Severe Weather	1, 2, 9	Village of Wilmette, Engineering Department	Medium	Bond	Complete
Action W5.7 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
O	O	Ongoing	All	3, 4, 6	DHSEM, Village of Wilmette	Low	General Fund	Short-term
Action W5.8 —Continue to support the countywide actions identified in this plan.								
Status Description:								
O	O	Ongoing	All	All	Village of Wilmette	Low	General Fund	Short- and Long-term
Action W5.9 —Develop an Inflow and Infiltration (I/I) program based on the adopted MWRD 2018 Watershed Management Ordinance which includes I/I on private property.								
Status Description: The IICP long term operation and maintenance program and private sector program were approved by MWRD in April of 2021.								
C		Ongoing	Flood, Severe Weather	3, 4, 9, 13	Village of Wilmette	TBD	TBD	TBD
Action W5.10 —Complete manhole rehabilitation.								
Status Description: Completed over two phases in 2013 and 2014.								

-	-	Complete	Flood, Severe Weather	1, 2, 9	Village of Wilmette, Engineering Department	\$1,900,000; High	Bond	Complete
Action W5.11 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description: Implemented a storm water incentive program.								
O	O	Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Wilmette	Low	General Fund	Long-term
Action W5.12 —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: Adopted an update to the flood plain maps.								
O	O	Ongoing	Flood	4, 6, 9	Village of Wilmette	Low	General Fund	Short-term and Ongoing
Action W5.13 —Where feasible, implement a program to record high water marks following high-water events								
Status Description:								
O	O	Ongoing	Flood, Severe Weather	3, 6, 9	Village of Wilmette	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action W5.14 —Designate snow routes and critical road crossings.								
Status Description:								
-	-	Completed	All	1, 5	Village of Wilmette Public Works	\$250,000; Medium	Budget	Short- and Long-term
Action W5.15 —Purchase and publicly promote the Smart 911 application.								
Status Description: Purchase and implementation is completed. Working on community promotion.								
O	O	New	Epidemic or Pandemic, Hazardous Materials Incident, Nuclear Power Plant Incident	5, 6	Police and Fire Department	Low	General Fund	Ongoing
Action W5.16 —Utilize GIS software to identify vulnerable residents that require special attention in the event of a disaster, severe weather, or power outage.								
Status Description: Created a list of citizens in the community. Next phase is to integrate into GIS.								
O	O	New	All	12, 13	Village of Wilmette	Low	TBD	Short-term
(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.

The Village has invested 32 million dollars in storm/sewer capacity improvements and 20 million in sanitary capacity improvements. This has reduced the incidents of localized flooding and sewer backups.

Police Department received a grant for our dispatch center to upgrade the ability to receive the next generation 911.

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.

Expansion of the Federal grant programs to allow the Village of Wilmette to qualify for funding based on our needs.