6 Oak Lawn 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 repetitive damage to several areas of town as a result of flooding.

Extreme Heat: The Village is highly vulnerable to the impacts of extreme heat because a high percentage of its population is elderly and depend on cooling during summer.

Hail: The Village has experienced periodic hail.

High Winds: The Village has experienced periodic high wind events.

Snow: The Village has experienced a high frequency of heavy snow events.

Blizzards: The Village has experienced a high frequency of blizzards.

Extreme Cold: The Village has experienced periodic extreme cold events.

Ice Storms: The Village has experienced periodic ice storms.

Tornado: Previously, the Village experienced a major tornado in 1967. Since then, the Village has experienced occasional microbursts. The trailer park within the Village would be vulnerable to the impacts of a tornado.

Widespread Power Outage: A line of severe thunderstorms moved from Iowa into northwest Illinois during the mid afternoon hours and then raced east across northern Illinois producing damaging winds as high as 90 mph. These thunderstorms produced widespread wind and tree damage across northern Illinois. More than half a million customers lost power during the storms. (6/18/2010) Village suffers frequent power outages during natural disasters/weather related events.

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:

January 30-31, 2021**:** Widespread 6-12 " of snow, including largest snow event in Chicago in five years

February 14-16, 2021: Heavy snow brings a foot plus to all of Chicago

March 10-11, 2021: Strong winds gust as high as 50 to 60 mph over the area

June 20-21, 2021: Late night severe thunderstorms & wind damage,(including an EF-3 tornado in near by communities of Naperville and Woodridge)
June 11-12, 2021: Localized severe thunderstorms produce hail and damaging winds
July 24, 29, Aug. 9, 10, 11 2021: severe thunderstorms produce wind damage across the Village

August 24, 2021: Thunderstorms produce wind damage and localized flooding in the area
September 7, 2021: Swaths of large hail and wind damage across area
October 24-25, 2021: Widespread heavy rain and strong winds

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 O3.1—Mass Notification options to reduce injuries and death								
Status Description:								
Completed	-	Completed	All	1, 5	OL Police, Fire, 911, EMA	Medium	Capital/Grant	Completed
Action O3.2—Tornado Siren System upgrade								
Status Description:								
Completed	-	Completed	Tornado	1, 5	OL EMA	High	Capital	Completed
Action O3.3—NOAA Weather Alert Radios								
Status Description:								
Completed	-	Completed	All Severe Weather	1, 5, 12	OL EMA	Medium	Illinois Law Enforcement Alarm System Grant	Completed
Action O3.4—Training of Damage Assessment Crews								
Status Description:								
Ongoing		Ongoing	All	1, 6, 8	OL Police Dept.	Low	OL Police Dept.	Short-term
Action O3.5—SMART 911 Notification								
Status Description:								
Ongoing		Ongoing	All	1, 5	OL 911 Dispatch	Low	911 Board	Short-term
Action O3.6—NOAA Storm Ready Community								
Status Description:								
Removed	-	Removed	All	1, 5, 8	OL EMA	Low	OL Police Dept., EMA	Removed
Action O3.7—Social Media tools – Facebook, Twitter								
Status Description:								
Ongoing		Ongoing	All	1, 6, 8	OL EMA	Low	Village IT	Short-term
Action O3.8—Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage.								

Status Description:								
Ongoing		Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action O3.9—Continue to support the countywide actions identified in this plan.								
Status Description:								
Ongoing		Ongoing	All	All	Village	Low	General Fund	Short- and long-term
Action O3.10—Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 6	DHSEM, Village	Low	General Fund	Short-term
Action O3.11—Consider participation in incentive-based programs such as the Community Rating System, and Tree City.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village	Low	General Fund	Long-term
Action O3.12—Village maintains good standing in National Flood Insurance Program								
Status Description:								
Ongoing		Ongoing	Flooding	4, 6, 9	Community Development and Growth Management	Low	General Fund	Short-term and ongoing
Action O3.13—Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
Ongoing		Ongoing	Flooding, Severe Weather	3, 6, 9	Village	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action O3.14—Integrate the hazard mitigation plan into other plans and programs.								
Status Description:								
Ongoing		Ongoing	Earthquake, Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage, Secondary Impacts from Mass Influx of Evacuees, Hazardous Materials Incident	3, 4, 6, 10, 13	Community Development and Growth Management	Low	General Fund	Short-term
Action O3.15—Installation of 150 KW Backup Generator								
Status Description:								
Ongoing		New	Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage, Hazardous Materials Incident	1, 2, 5, 8	Oak Lawn Public Works	$106,000; High	Grant/Local	2019
Action O3.16—Installation of 60 KW Backup Generator								
Status Description:								
Ongoing		New	Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage, Hazardous Materials Incident	1, 2, 5, 8	Oak Lawn Public Works	$40,000; High	Grants/Local	2019
Action O3.17—Installation of 500 KW Backup Generator								
Status Description:								
Ongoing		New	Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage	1, 2, 5, 8	Oak Lawn Public Works	$311,000; High	Grants/Local	2019

Action O3.18—Installation of (2) 715KW and (1) 400KW GENSET Backup Generators								
Status Description:								
Ongoing		New	Earthquake, Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage, Secondary Impacts from Mass Influx of Evacuees, Hazardous Materials Incident	1, 2, 5, 8	Oak Lawn Public HS District	$1,500,000; High	Grants/Local	2019
Action O3.19—Installation of 500 KW Backup Generator								
Status Description:								
Ongoing		New	Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage, Secondary Impacts from Mass Influx of Evacuees, Hazardous Materials Incident	1, 2, 5, 8	Richards High School/District	TBD; High	Grants/Local	2019
Action O3.20—Installation of 500 KW Backup Generator								
Status Description:								
Ongoing		New	Flood, Extreme Heat, Lightning, Hail, Fog, High Wind, Snow, Blizzard, Ice Storms, Tornado, Widespread Power Outage, Secondary Impacts from Mass Influx of Evacuees, Hazardous Materials Incident	1, 2, 5, 8	Oak Lawn Park District	$250,000; High	Grants/Local	2019
Action O3.21—Streambank Stabilization along Oak Lawn Creek								
Status Description:								
Ongoing		New	Flood	2, 3, 13	MWRD	$3,035,000	MWRD	N/A
Action O3.22—Streambank Stabilization along Melvina Ditch								
Status Description:								
Ongoing		New	Flood	2, 3, 13	MWRD	$8,800,000	MWRD	N/A
(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.

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.