

6 Burnham 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.

Flooding: Burnham is located within and nearby moderate and high urban flood susceptibility zones. Severe flooding within Burnham has often been linked to severe weather and remains a mitigation priority.

Severe Weather: Half dollar to golf ball size hail has been reported at Sibley Boulevard and Burnham Avenue as well as 154th Place and Burnham Avenue. Severe storms occur often within Burnham.

Tornado: Although available data may not show any tornado events within Burbank specifically, these events have caused notable damage in nearby parts of Cook County. Burnham continues to prepare and mitigate against this hazard.

Earthquake: Although earthquakes or their effects are not commonly felt in Burnham, earthquakes have happened on several occasions in Illinois over the last few decades. Burnham continues to prepare and mitigate against this hazard.

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 throughout 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

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 B15.1 —Increase drainage/absorption capabilities.								
Status Description:								
O	O	Ongoing	Flood, Severe Weather	1, 2, 3, 9, 12, 13	Village of Burnham, MWRD	High	General Revenue, Grants, MWRD-Phase II	Long-term
Action B15.2 —Televising and repairing of all sanitary sewer lines and the rehabilitation / sealing of all sanitary structures throughout the Village.								
Status Description:								
O	O	Ongoing	Flood, Severe Weather	1, 2, 9	Village of Burnham	High	General Revenue, Grant	Long-term
Action B15.3 —Develop a community warming/cooling center.								
Status Description:								
C	O	Ongoing	Severe Weather, Tornado	5, 9	Village of Burnham	Medium	General Revenue, Grants	Long-term
Action B15.4 —Participate in the Community Rating System (CRS).								
Status Description:								
O	O	Ongoing	Flood	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Burnham	Low	General Revenue	Short-term
Action B15.5 —Developing and maintaining a GIS database to track community vulnerability and exposure to hazardous areas that are known.								
Status Description:								
O	O	Ongoing	Multi-hazard	1, 2, 5, 6	Village of Burnham	High	General Revenue	Short-term and ongoing
Action B15.6 —Developing and implementing a multi-hazard public awareness program.								
Status Description:								
O	O	Ongoing	Multi-hazard	6, 8	Village of Burnham	Low	Grant, General Revenue	Short-term and ongoing
Action B15.7 —Develop plan to protect infrastructure and critical facilities from natural hazards.								
Status Description:								
O	O	Ongoing	Multi-hazard	1, 2, 5	Village of Burnham	Low	General, Revenue, Grant	Long-term
Action B15.8 —Complete a stormwater drainage study for known problem areas.								
Status Description:								
O	O	Ongoing	Flood, Severe Weather	3, 13	Village of Burnham	Medium	General Revenue, Grant	Short-term
Action B15.9 —Support retrofitting, purchase, or relocation of structures in hazard-prone areas.								
Status Description:								
O	O	Ongoing	All	7, 13	Village of Burnham	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action B15.10 —Continue to support the countywide actions identified in this plan.								
Status Description:								
O	O	Ongoing	All	All	Village of Burnham	Low	General Fund	Short- and long-term
Action B15.11 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								

O	O	Ongoing	All	3, 4, 6	DHSEM (Village of Burnham)	Low	General Fund	Short-term
Action B15.12 —Consider participation in incentive-based programs such as Tree City and StormReady.								
Status Description:								
O	O	Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Burnham	Low	General Fund	Long-term
Action B15.13 —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:								
O	O	Ongoing	Flooding	4, 6, 9	Village of Burnham	Low	General Fund	Short- and long-term
Action B15.14 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
O	O	Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Burnham	Medium	General Fund; FEMA Grant Funds(Public Assistance)	Long-term
Action B15.15 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
O	O	Ongoing	All	3, 4, 6, 10, 13	Engineering Consultant, Public Works, Department of Buildings	Low	General Fund	Short-term
Action B15.16 —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:								
O	O	Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Long-term
Action B16.17 —Combination Sewer Pump Station Replacement.								
Status Description:								
O	O	New	Flood, Widespread Power Outage	2, 9	Village of Burnham	2,600,000; High	Environmental Grant, State Grant, Sewer Revenues	2025
(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: We seek training on the Hazard Mitigation Planning Process to better understand the threat/hazard analysis and available mitigations. Additionally, we would like training on the grant application process.