

Community Wildfire Protection Plan (CWPP) Risk/Priority Matrix

Genesee Fire & Safety Committee (GFSC); CWPP Working Group

Executive Summary

The purpose of the matrix is to identify the wildfire-related risks in Genesee and the associated mitigations for those risks. Prioritizing the mitigations provides a framework for focusing the limited time, talents and financial resources of the Genesee Foundation, the Foundation volunteers, and the residents on mitigating the wildfire risks to the Genesee community.

The matrix was developed by the CWPP Working Group and finalized with input from GFSC. The initial step was to identify wildfire-related risks specific to Genesee.

Starting with the list of Risks, a matrix was created which contains:

- Mitigations for each Risk,
- Potential Implementations for each Mitigation,
- Implementation Details for each Potential Implementation,
- A Priority for each Implementation Detail (the Priority column is not used in this exercise),
- A Work Task (proposed group to take on the task) for each Potential Implementation,
- Timing for each Implementation Detail.

The Risks were grouped into four General Categories: Ingress/Egress/Evacuation, Evacuation, Defensible Space, Emergency Preparedness. There is some overlap of the General Categories, and individual Risks may fit into more than one General Category.

The Matrix was implemented in Microsoft Excel, with each row containing a Risk, and the topics above each contained in individual columns. The Matrix can be found in CWPP RiskPriorityMatrix_22.09.20.xlsx.

The entire Matrix is shown in the spreadsheet as worksheet NewMatrix.

As of the date of this Executive Summary, the Priority and Timing columns have not been used or addressed, and the Work Tasks are subject to change.

The Matrix is regarded by GFSC to be subjective, based on committee members' thoughts, experiences, biases, and opinions. To determine the most important of the 36 Mitigations in the Matrix, each member of the GFSC was tasked with selecting ten Mitigations that they considered the most important. The Mitigations were rated from 5 (highest) to 1 (lowest) with no more than two Mitigations per committee member in each rating.

The ratings by individual GFSC members are shown in all the worksheets (tabs) of the spreadsheet.

A variety of methods was used to determine the resulting Mitigation priorities. Four Mitigations almost always appeared at the top (as the highest) of the Priorities. They are shown in the table below:

General Category	MITIGATIONS
Ingress/Egress/Evacuation	1.31: Create Defensible Space for Existing Routes.
Ingress/Egress/Evacuation	1.11: Additional Egress/Ingress Points in a new direction (south, east, and west).
Ingress/Egress/Evacuation	1.21: Additional egress /Ingress routes to add capacity and shorten evacuation times.
Ingress/Egress/Evacuation	1.22: Coordinate w/Local Law Enforcement to understand traffic control priorities and procedures.

Details of the results of the prioritization and the interpretation of the results are presented in the spreadsheet in worksheets Summary.Priority and Priority.Gen.Cat, and in the PowerPoint presentation, with notes, in CWPP Matrix Presentation.pdf.

All four high priority Mitigations are in the General Category of Ingress/Egress/Evacuation. At least for the Genesee Fire & Safety Committee members, the most important question seems to be,

“What needs to be done to maximize our ability to safely leave when the fire comes?”

As noted, the priority mitigations reflect the consensus opinion of GFSC. However, the matrix is a tool that can be used by any person or group entering their own priorities. The matrix is considered a “working document” which will change with time and with the changing needs and priorities of the Genesee Foundation.