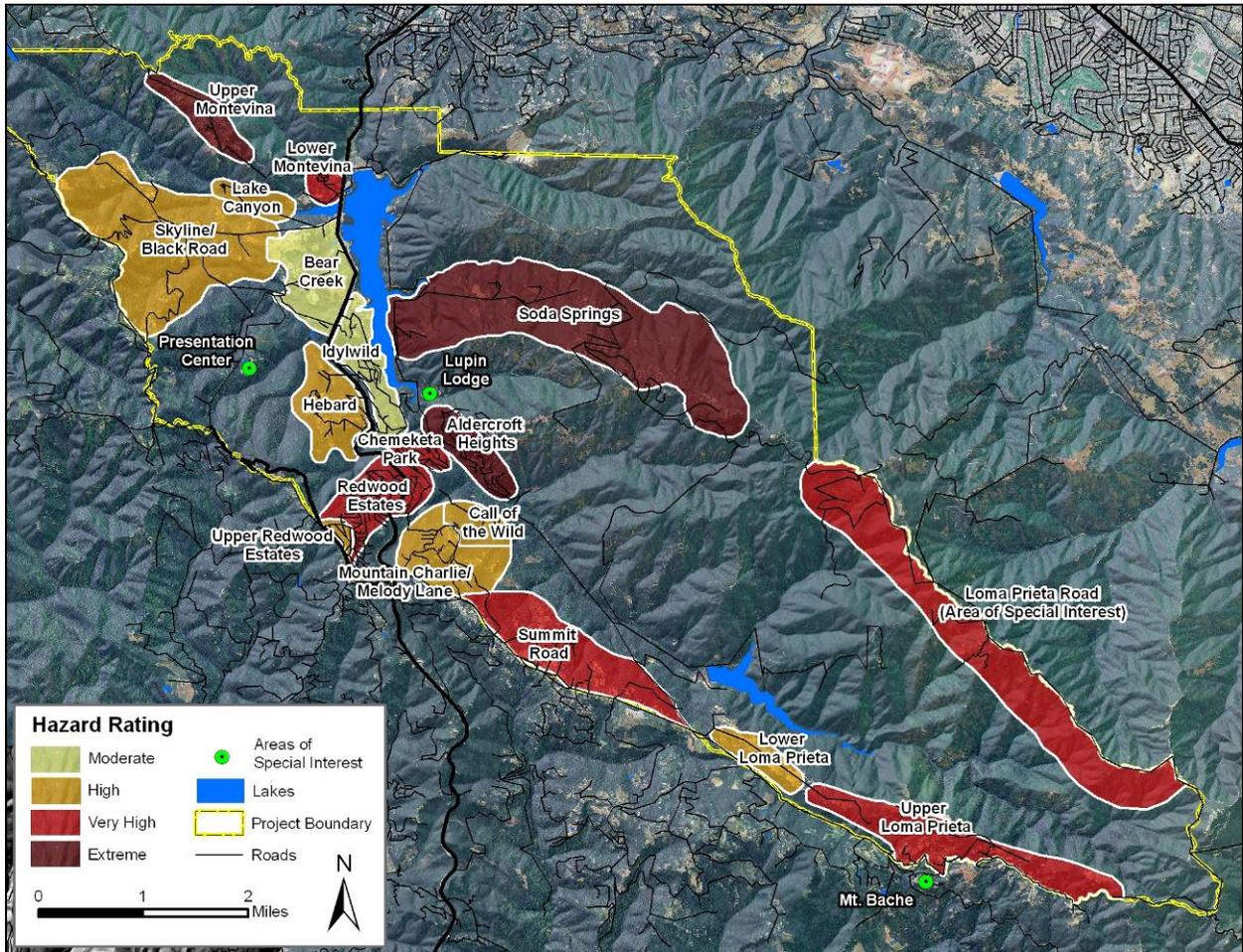


LEXINGTON HILLS, CALIFORNIA

COMMUNITY WILDFIRE PROTECTION PLAN



Prepared for:
Lexington Hills
Santa Clara County, CA

Submitted by:
Anchor Point Group, LLC
Boulder, CO

June 19, 2009



Lexington Hills CWPP – June 2009

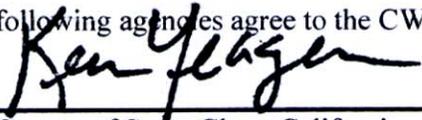
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Lexington Hills Community Wildfire Protection Plan

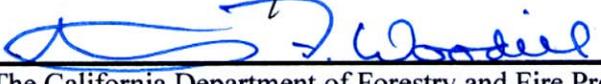
The 2009 Lexington Hills Community Wildfire Protection Plan (CWPP) was a collaborative effort of the California Department of Forestry and Fire Protection, the County of Santa Clara and the Santa Clara County Fire Department, in consultation with the interested parties identified below. The CWPP was developed in accordance with the guidelines for Community Wildfire Protection Plans as set out in the Healthy Forest Restoration Act.

The signatures of those entities involved in this collaborative effort are subject to the Disclaimer set out in the Executive Summary at Page ii.

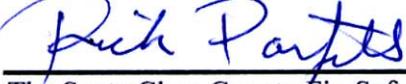
The following agencies agree to the CWPP pursuant to Section 101 (3) (A) of the Act:

 **KEN YEAGER** **JAN 12 2010**
 The County of Santa Clara, California **Board of Supervisors** **PRESIDENT** **DATE:**

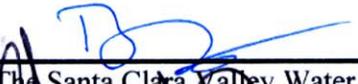
 **9-22-09**
 The Santa Clara County Fire Department **Date:**

 **9/18/09**
 The California Department of Forestry and Fire Protection: **Date:**

The following entities participated in this collaborative effort. Signature by these entities is not intended to represent the conclusions or views of the signatories, nor to require the implementation of any consultant- recommended fuel reduction activity or constitute a commitment by the signatory to fund any CWPP recommendation. Implementation or funding of any action described in the CWPP is subject to future approval by the entity's governing body after compliance with all applicable laws.

 **Rick Partitt** **Vice President**
 The Santa Clara County FireSafe Council **By:** **Title:**

 **Stephen E. Abbots** **General Manager**
 The Midpeninsula Regional Open Space District **By:** **Title:**

 **Beau Goldre** **CEO**
 The Santa Clara Valley Water District **By:** **Title:**

 **GEORGE BELHUMEUR** **SR. VP OPERATIONS**
 The San Jose Water Company **By:** **Title:**

Signed and certified that a copy of this document has been delivered by electronic or other means to the President, Board of Supervisors.
 Attest:


 Maria Marin, Clerk of the Board of Supervisors

JAN 12 2010

DUPLICATE ORIGINAL

Lexington Hills CWPP – June 2009

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EXECUTIVE SUMMARY

PURPOSE

1. This document provides a comprehensive, scientifically based analysis of wildfire related hazards and risks in the Wildland-Urban Interface (WUI) areas of Lexington Hills, CA. The analysis is delivered in the form of a Community Wildfire Protection Plan (CWPP), and follows the standards for CWPPs that have been established by the Healthy Forest Restoration Act.

2. Using the results of the analysis, recommendations have been generated that aid stakeholders in preventing and/or reducing the threat of wildfire to values in the study area. These recommendations are included throughout the report, wherever appropriate.

3. This report complements local agreements and existing plans for wildfire protection to aid in implementing a seamless, coordinated effort in determining appropriate fire management actions in the study area.

The Lexington Hills Community Wildfire Protection Plan (CWPP) is a multi-year guiding document that will facilitate the implementation of future mitigation efforts.

This CWPP meets the requirements of HFRA by:

1. **Identifying and prioritizing fuels reduction opportunities across the landscape**
See *Appendix B* of this document.
2. **Addressing structural ignitability**
See *Structural Ignitability/Defensible Space* section.
3. **Collaborating with stakeholders**
See page three and *Appendix C* of the main CWPP report.

The Lexington Hills CWPP is the result of a area-wide fire protection planning effort that includes extensive field data, a compilation of existing documents, scientific analysis of the fire behavior potential of the study area (based on fuels, topography, and historical weather conditions), and collaboration with homeowners and officials from several agencies including CAL FIRE, Midpeninsula Regional Open Space District, San Jose Water Company, Santa Clara County Fire Department, Santa Clara Valley Water District, Santa Clara County Parks and Recreation, and the Santa Clara County FireSafe Council.

This CWPP provides a comprehensive assessment of the wildfire hazards and risks in the study area. Its goal is to reduce hazards through increased education about wildfires, hazardous fuels reduction, and other recommendations that will facilitate fire suppression efforts. Detailed recommendations for specific actions are included herein. It is important to note that the Lexington Hills CWPP is a working document, and, as such, will need to be updated annually, and/or after a major “event” such as wildfire, flood, insect infestation or even significant new home development.

CONCLUSIONS

The CWPP provides an overview of the Values at Risk on which a significant wildfire would have an impact. These include: Life Safety, Homes and Property Values, Infrastructure, Recreation and Lifestyle, Wildlife Habitat, Watershed Protection, and Environmental Resources.

The report's main recommendations are organized to address five broad categories of fire mitigation: public education, structural ignitability/defensible space, water supply, access/evacuation, and street and home addressing. There are three landscape fuel breaks, ten major roadside thinning projects, and five evacuation route roadside thinning projects recommended for the Lexington Hills study area. Specific recommendations and their priority level are included in *Appendix B*. The report also contains an "Areas of Special Interest" section, which are areas that do not qualify as communities, but should still be considered in wildfire planning. This section analyzes and makes mitigation and public education recommendations for Loma Prieta Road, the Lupin Lodge, the Presentation Center, and the Mount Bache area.

Because much of the information contained in the report is extensive and/or technical in nature, detailed discussions of certain elements are contained in appendices:

Appendix A: *Fire Behavior Potential Analysis Methodology*

Appendix A describes the methodology used to evaluate the threat represented by physical hazards such as fuels, weather, and topography to Values at Risk in the study area, by modeling their effects on fire behavior potential. A detailed description of each standardized, nationally recognized fuel model found in the study area is included.

Appendix B: *Action Plan and Project Priorities*

This appendix provides guidelines on how to implement the recommendations made in the CWPP. As a requirement for HFRA, projects are prioritized for completion. This section includes all the recommended fuels reduction projects within the study area, as well as their priority listing, one being the highest, four being the lowest. Other fire management recommendations such as addressing and water supply are not prioritized, however a methodology for local prioritization is provided in this appendix.

Appendix C: *Project Collaboration*

One of the main requirements of HFRA is to assure community participation. A summary of the collaborative process undertaken for this project are found here.

DISCLAIMER

Recommendations in this document are not prescriptive, but are intended to provide identification of possible solutions or mitigation actions to reduce the impact of wildfire on values at risk. The views and conclusions in this document are those of the authors and should not be interpreted as representing the opinions or policies of the California Fire Safe Council, the Santa Clara County FireSafe Council, any government entity or fire agency, signatory companies, or the U.S. Government. Mention of companies, trade names or commercial products does not constitute an endorsement by the California Fire Safe Council, the Santa Clara County FireSafe Council or the U.S. Government.