

**Date: May 19, 2008 Revised August 7, 2008**

**County of San Diego  
Department of Planning and Land Use  
5201 Ruffin Road, Suite B  
San Diego, Ca. 92123**

**North County Fire Protection District  
315 Ivy Street  
Fallbrook, CA 92028**

**SUBJECT: Letter Report (Fire Protection)  
Hamilton Lane TPM  
TPM 21079  
APN-105-112-53 and 54**

This Fire Protection Letter Report is being submitted as an evaluation, pursuant to Article 86 of the California Fire Code, of the adverse environmental effects that a proposed project may have from a wildland fire and mitigation of those impacts to ensure that the above referenced project does not unnecessarily expose people or structures to significant risk of loss, injury or death involving wildland fires.

### **Project Description**

This Fire Protection Letter Report has been prepared for APN-105-112-53 and 54, a lot split with 3 single family dwellings. This letter does not guarantee that the structures will not burn. These are not shelter in place residences.

This project is within the North County Fire Protection District jurisdiction.  
The project consists of approximately 3.57 acres.  
The Tentative Parcel Map # is APN 105-112-53 and 54  
The number of lots will be 3 with 1 remaining.  
The types of occupancies are single family residences.

**Environmental Setting**

**1. Location**

This project is located within the North County Fire Protection District jurisdiction. The nearest fire station is located at 315 Ivy Street which is 2.34 miles away and is less than 5 minutes travel time. The surrounding property is groves and urban developed.

**2. Topography**

The project is almost flat with a very gentle slop, the surrounding property is similar.

**3. Geology**

The project is accessed from Hamilton Lane. Hamilton Lane has egress in two directions which circulates to main arteries. All roads are paved and in good condition.

**4. Flammable Vegetation**

The entire project is a grove with one existing structure that is maintained annually. The adjoining properties are of similar vegetation.

**5. Climate**

The following scenarios are typical of the area and are to be considered worst case assumptions:

**Summer**

South, Southwest and West wind condition 15 mph and can result in the following fuel moistures.

1-hour fuel moisture.....	4%
10-hour fuel moisture.....	6%
100-hour fuel moisture.....	8%
Live woody fuel moisture.....	80%

**Fall**

South, Southwest and West wind condition 30 mph and can result in the following fuel moisture.

1-hour fuel moisture.....	2%
10-hour fuel moisture.....	3%
100-hour fuel moisture.....	5%
Live woody fuel moisture.....	50%

**Santa Ana Wind Condition = North, North-East, East two to four times a year.**

1-hour fuel moisture .....2%  
10-hour fuel moisture.....3%  
100- hour fuel moisture.....5%  
Live woody fuel moisture.....50%

**Project Exposure to Wildland Fire**

**1. Water Supply**

The water supply for this proposed project will come from the existing water main maintained by the Fallbrook Public Utility District. Domestic and fire flow systems will be designed to San Diego County, North County Fire Protection District and FPUD requirements (fire hydrants with 2500 GPM fire flow at 20 PSI residual). The location of hydrants will be shown on the final parcel map. Fire hydrants shall be located along fire access roadways as determined by the Fire Marshal to meet operational needs, at intersections, at cul-de-sacs, and at intervals pursuant to the County Consolidated Fire Code.

**2. Fire Access Road**

The road onsite will be 24 feet paved (AC or better) and is accessed off Hamilton Lane. The driveway will have a turnaround at Parcel #2 and Parcel #3. All driveways will support 50,000 lb fire apparatus and will be 16 feet width all weather surface, (AC or better), no grades will exceed 15%.

**3. Building Construction**

All structures shall comply with the ignition resistive construction requirements of the County Building Code Chapter 7A.

**4. Fire Protection systems**

All habitable structures and attached garages shall have residential fire sprinklers per the County Consolidated Fire Code Requirements.

**5. Defensible Space**

A minimum of a 100 foot Fuel Modification Zone will be established and maintained around all structures over 250 square feet in size. No off-site clearing is required.

Note: The off site properties around this project are urban developed and groves.

North of Parcel 1 and Parcel A is a road (Mission Road), across the road is urban developed. West of Parcel 1 and 2 is urban developed with a grove. South of Parcel 2 and 3 is urban developed. East of Parcel 3 and A is urban developed.

On site has groves and is urban developed with no native vegetation. There will be no native vegetation onsite. This site does not have a direct threat from a wildland fire. The set back from the property line will be 30 feet complying with County Fire Code Section 4707 and Title 14 Chapter 7. These parcels are for sale only and will be maintained free of native vegetation until built upon. Once built upon the property owner will maintain the property in a manner suitable to the North County Fire Department and The County of San Diego, (See Attachment A).

### 6. Vegetation Management

Prescribed defensible open space will be maintained on at least an annual basis, or more often as needed by the property owners. Planting will be used from an approved fire resistant planting material list that is maintained by the County of San Diego.

### 7. Fire Behavior Computer Modeling

Computer fire behavior modeling is not required for this project per the County Fire Marshal.

	<u>8-7-08</u>	Lamont Landis	President
Prepared By	Date	Printed Name	Title

	<u>1/21/09</u>	<u>William D. Mahoney</u>	
Property Owner (Signature)	Date	Printed Name	