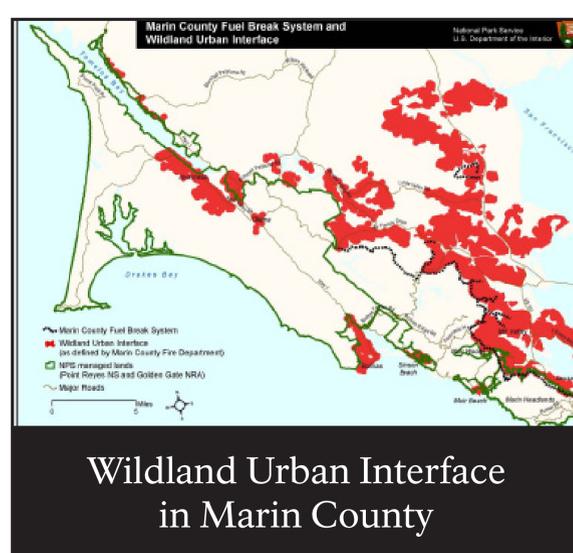
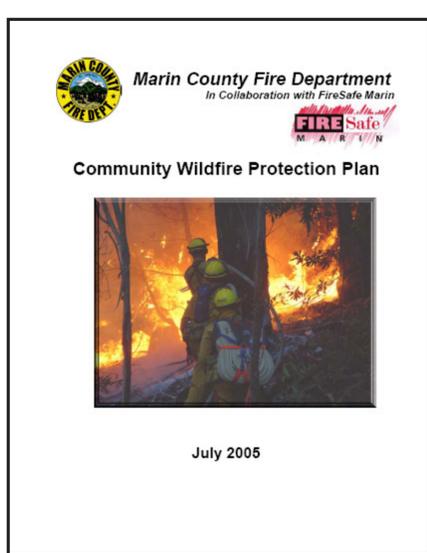
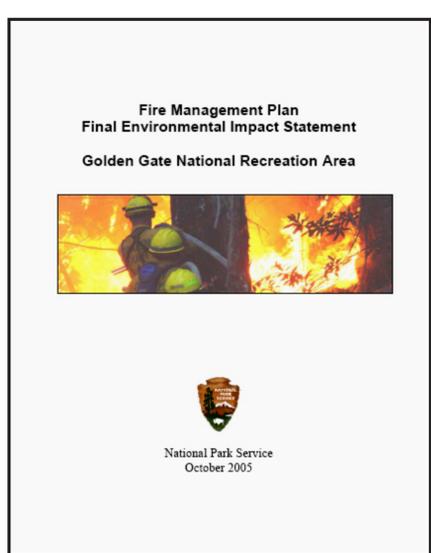


# Recovery Act Fuel Reduction at GGNRA



The Fire Management Program at Golden Gate National Recreation Area has received funding from the American Reinvestment and Recovery Act to accomplish high priority fuel reduction projects. The Act requires Federal Agencies to choose projects that 1) address the highest priority mission needs, 2) create the largest number of jobs in the shortest period of time, and 3) create lasting value for the American public.



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## Golden Gate NRA Fire Management Plan

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The Recovery Act Fuel Reduction Projects at GGNRA help the park accomplish the top two goals of the fire management plan:

1. Ensure that firefighter and public safety is the highest priority for all fire management activities.
2. Reduce wildland fire risk to private and public property.

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## Marin County Community Wildfire Protection Plan

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The Recovery Act Fuel Reduction Projects at GGNRA also help accomplish the fire protection goals of local government. The Marin CWPP emphasizes a 5-part strategy including:

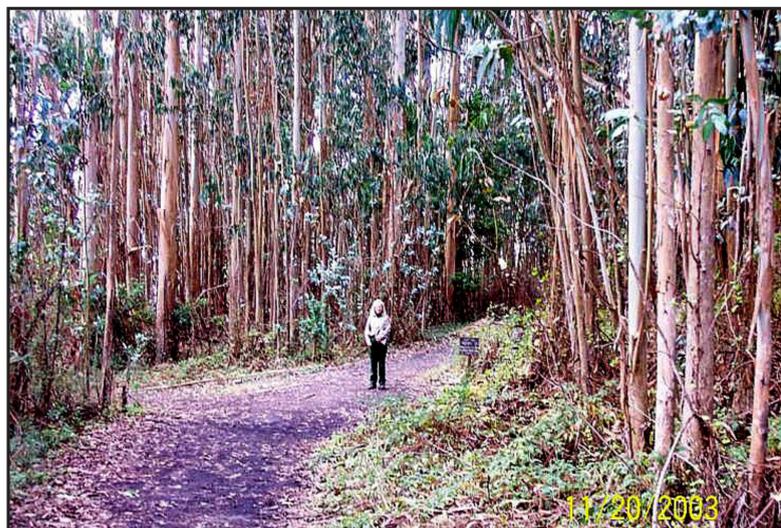
1. **Fuelbreak Network** - A fuelbreak system between public lands and developed areas. This plan includes fuel reduction along the GGNRA boundary to protect communities including Wolfback Ridge, Tamalpais Valley and others.
2. **Fire-Prone Forest Clearing** - Non-native eucalyptus and Monterey pine are identified as two major sources of hazardous fuel that threaten communities in Marin.

# Thinning Fire-Prone Vegetation: Every Site is Different

## Eucalyptus Thinning Example

The basic prescription used for thinning non-native eucalyptus groves for the purpose of hazardous fuel reduction is to remove all trees 18 inches in diameter or less. The number of trees in this size class will be different at every site. An example of a stand that has been fully treated to this prescription is located near Bolinas along the Palomarin Trail at Point Reyes National Seashore.

Some sites will have more native vegetation in the understory which will not be removed. At other sites, native trees and shrubs will begin to recolonize the area after the thinning treatment.



Before Treatment



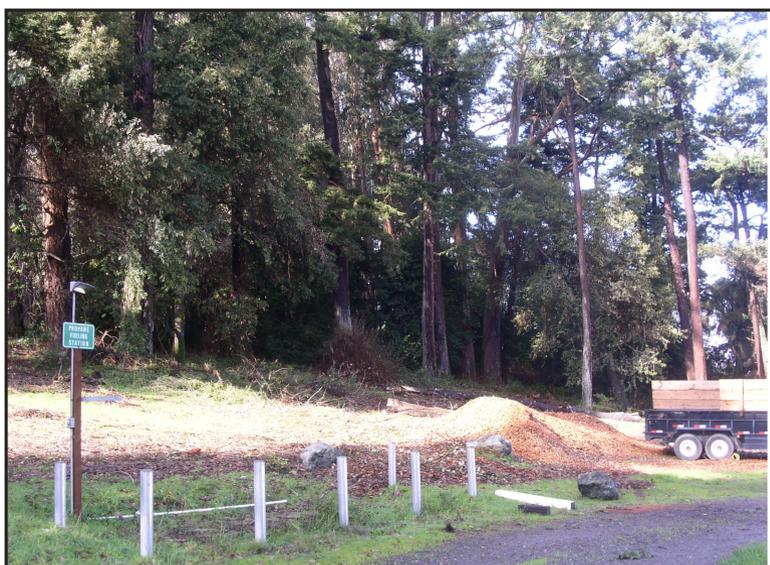
After Treatment

## Sudden Oak Death Fuel Removal Example

Native forests throughout Marin County are experiencing significant fuel accumulation due to Sudden Oak Death. The majority of this fuel is produced by dead tan oaks, the most heavily impacted tree species. Here is an example of a Sudden Oak Death fuel treatment:



Before Treatment



After Treatment

# Putting People to Work



Thinning



Chipping

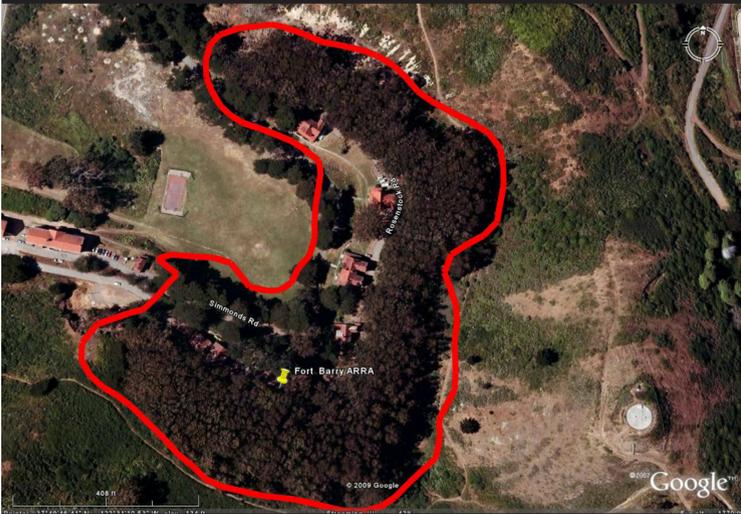


Debris Removal



Stump Treatment

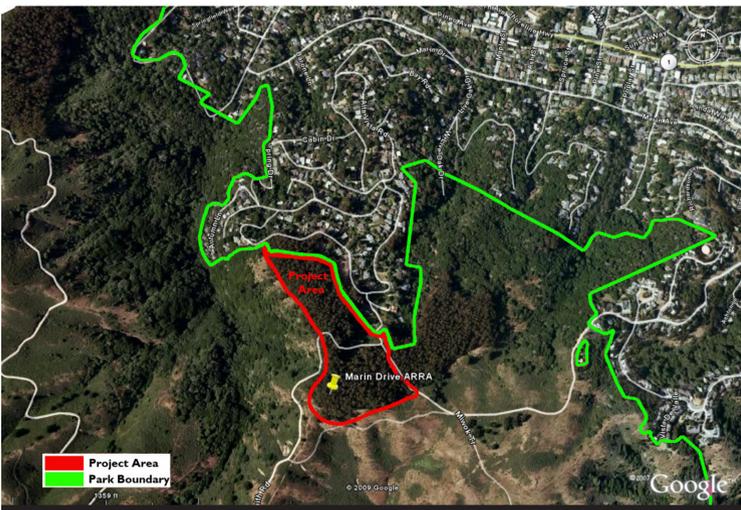
# GGNRA Project Sites



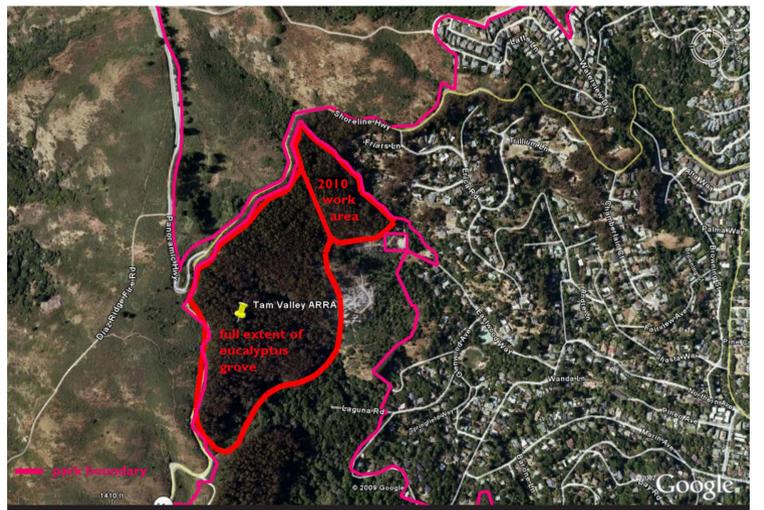
Fort Barry



Wolfback Ridge



Marin Drive



Upper Tam Valley

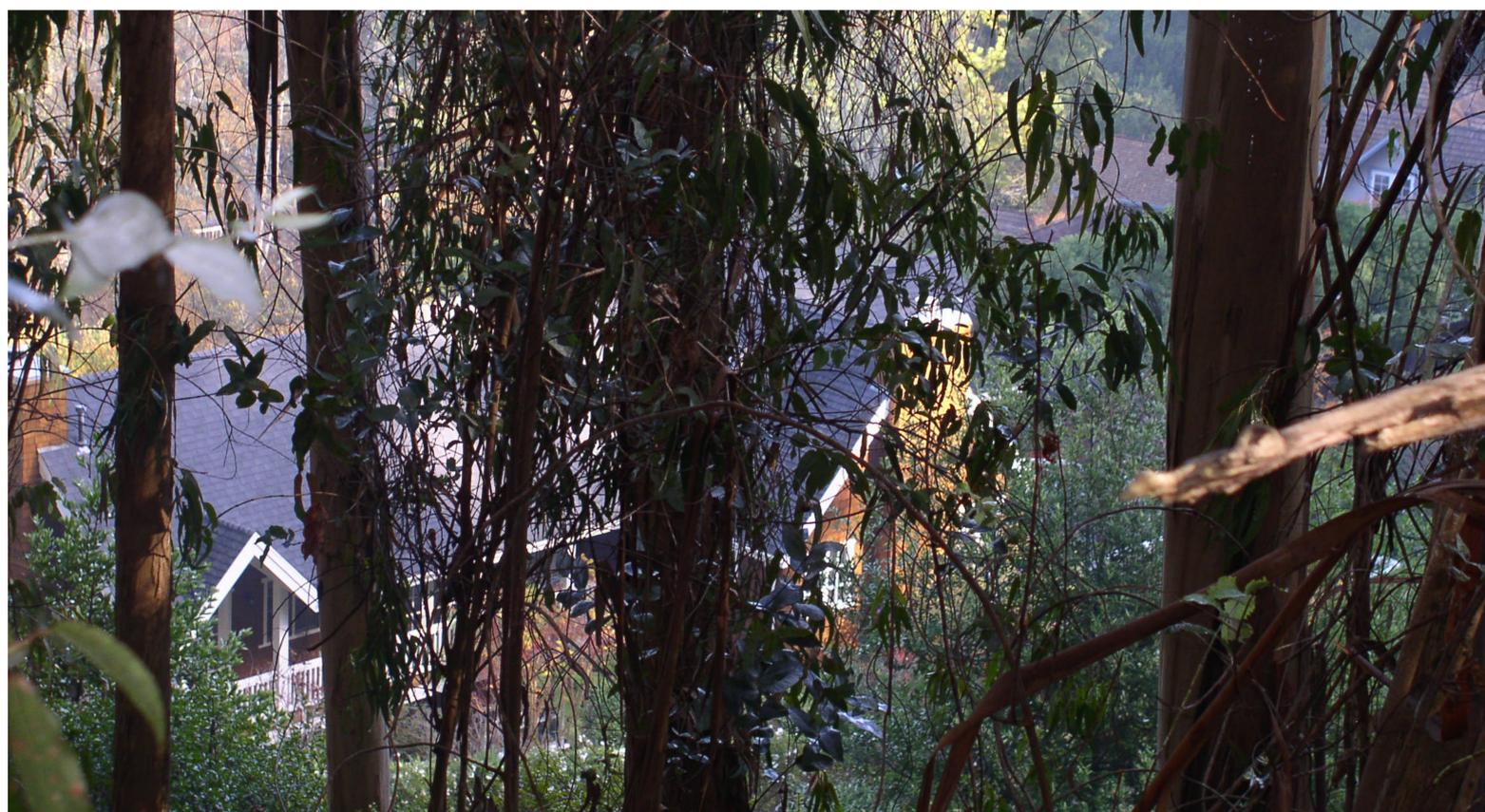
# GGNRA Project Close Up: Marin Drive / Miwok Trail



Approaching Eucalyptus Grove and Marin Drive from Miwok Trail



Condition within the Eucalyptus Grove



Proximity of Homes