

# **ANTHONY CHABOT – AC003**

## **FUELS MANAGEMENT PRESCRIPTION**

### **SITE DESCRIPTION AND LOCATION:**

This site occupies 4.7 acres and is on the southwest boundary of park district land adjacent to Skyline High school. Access is limited and the slope is steep. Vegetation is primarily oak and bay woodland with isolated patches of eucalyptus, non-native pine, and broom.

### **VEGETATION MANAGEMENT GOALS:**

Oak woodland with herbaceous understory, patches of shrubs in open grassland.

### **FUELS MANAGEMENT OBJECTIVES:**

1. Reduce ladder fuels and the potential for crown fires and ember dissemination.
2. Reduce potential for flame lengths of greater than 8 feet.
3. Create grassy openings in shrub patches to reduce fire intensity.

### **RESOURCE OBJECTIVES AND CONSIDERATIONS:**

- Conduct all initial treatment during the period from July 31<sup>st</sup> to Jan. 31<sup>st</sup> to avoid disturbance to nesting raptors and song birds, as recommended by the District's Stewardship staff. If work is proposed during nesting season, Stewardship will conduct a pre-work nesting survey within 15-days of performance of work and flag a reasonable buffer around identified nest sites. Some areas within the RTA may have prohibited entry until after nesting season based on the results of the Stewardship surveys.
- Within potential and occupied Alameda Whipsnake habitat, as determined by pre-assessment surveys, conduct treatment activities in a manner that will minimize adverse effects to Alameda Whipsnakes and their habitat. Within brushlands or brushland/grassland habitats, work may occur between Oct. 31<sup>st</sup> and April 1<sup>st</sup>. If work occurs outside this window, a biological monitor must be present for all activities on site. Some areas within the RTA may have prohibited entry based on the results of the Stewardship assessments.
- Conduct surveys in oak and bay habitat to identify and avoid Dusky-Footed Woodrat nests. Any nest identified will be protected by a reasonable buffer described in the protocol developed by Stewardship.
- Retain roughly 30% to 50% of shrub cover in islands through mosaic thinning or patch retention thinning. "Islands" are to be approximately 50' diameter and spaced 50 feet apart. Islands should be natural in appearance and include specimens of variable age classes.
- Install erosion control measures if needed in areas where vegetation has been removed or disturbed to protect water courses (streams, drainages, springs, wetlands) and to prevent sloughing of slopes during rainfall events.

## FUELS TREATMENT PRESCRIPTION:

### Initial Treatment

- With the exception of select oaks and bays retained for recruitment, oak trees with DBH less than 8 inches and bay trees with DBH less than 6 inches will be completely removed creating spacing between trees and allowing healthy mature trees to flourish. Cut stumps not to exceed 10 inches.
- Isolated patches of eucalyptus and non-native pine will be removed. Larger eucalyptus logs, DBH of 20" or more may be retained, 2 -3 per acre, and in various stages of decay. Retained logs will be no less than 20" inches in diameter throughout length of the log and must rest on soil to promote wildlife habitat and long term soil productivity.
- All trees will be limbed up to 8 feet from the forest floor for 100-150 feet below property boundaries to reduce total fuel volume. Surface and ladder fuels will be reduced including live tree branches, brush under the tree canopies and dead materials. Herbaceous, native plants will remain. Work includes:
  - Applications of herbicides will be applied during initial treatment and as necessary for annual maintenance to treat re-sprouts.
  - Material may be chipped and left to a depth not to exceed 4 inches or removed and used off-site.
  - Poison oak, coyote brush and broom will be removed to open grassland areas after grasses have cured or dried, using hand labor techniques or goat grazing, reducing the height of the stubble to 6" - 8".

Access to this RTA is exclusively through a fire road on Skyline High School's property. Fuels management in this area will be coordinated with the Skyline High School's Facility Coordinator.

Follow-up/Maintenance (Note: if initial treatment is spread over more than one year, adjust the maintenance schedule as needed to accommodate.)

YEAR	FUELS TREATMENT
01	Initial Treatment.
02-04	Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
05	Repeat initial treatment as needed. Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
06-09	Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
10	Repeat initial treatment as needed. Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
11-14	Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
15	Repeat initial treatment as needed. Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
16-19	Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
20	Repeat initial treatment as needed. Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
21-24	Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.
25-30	Repeat initial treatment as needed. Use weed eating/mowing/grazing/herbicides to maintain grass and low shrub fuel loads.

**MONITORING:**

Staff from the District's Fire Department, Planning/Stewardship, and Operations will evaluate the success and efficacy of the initial and follow-up fuels treatments. Monitoring results will be documented.

**PRESCRIPTION PREPARED BY:**

Aileen Theile  
Fire Captain, EBRPD

  
Signature


8-9-2012  
Date

**REVIEW AND APPROVAL:**

This prescription meets the District's standards for fuels management, natural resource protection and achievement of Best Management Practices according to the Wildfire Hazard Reduction and Resource Management Plan and is consistent with the mitigation measures contained in the EIR:

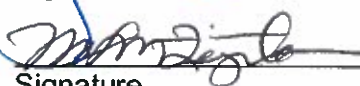
*Acting* JOHU R. SWANSON  
Fire Chief, EBRPD

*JS* 08-09-2012

  
Signature

08-14-2012  
Date

NEAL FUJITA  
Stewardship Manager, EBRPD

  
Signature

8/14/12  
Date



