

# **ANTHONY CHABOT AC004 – NATURAL DAM FUELS MANAGEMENT PRESCRIPTION**

## **SITE DESCRIPTION AND LOCATION:**

The site is 23.5 acres of brush, grass, and oak-bay woodland on a steep slope along MacDonald Trail within the park and below homes in the Oakland Parkridge area. Access is at the end of Parkridge Drive. Initial treatment brush removal and ladder fuel reduction has already occurred within 50 feet of trail and homes in 2006 and will be expanded. Annual maintenance includes goat grazing, brush reduction through repeated cutting/piling/burning efforts, and weedeating.

## **VEGETATION MANAGEMENT GOALS:**

Oak savanna with grassland on east, oak woodland on western slope below houses, scattered north coastal scrub.

## **FUELS MANAGEMENT OBJECTIVES:**

1. Expand and improve existing fuel break below homes on Saddle Brook Drive, Saddle Brook Court, Brook Park Drive, Parkridge Drive, and MacDonald Trail.
2. Reduce fire intensity, crowning potential, and ember dissemination in the Oakland Parkridge area.
3. Maintain existing fuelbreak.

## **RESOURCE OBJECTIVES AND CONSIDERATIONS:**

- Conduct all initial work 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 biologist. If work will occur during nesting season, Stewardship will conduct a pre-work nesting survey within 15-days of work beginning and flag any buffer sites around identified nests.
- Conduct surveys and treatment activities in a manner that will minimize potential adverse effects to Alameda whipsnakes. At rocky outcrops, or within grasslands, 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.
- Conduct surveys and treatment activities in oak and bay habitat to identify and avoid dusky-footed woodrat nests. Any nest will have a buffer zone described by the current protocol developed by Stewardship.
- Install erosion control measures if needed in areas where duff has been removed.
- Stream buffer considerations for areas marked in blue on the map (buffer is 15 feet on each side of stream course):
  - No raking of duff in stream buffer zones.
  - Hand removal of downed woody debris in buffer zones may be conducted if material is not embedded in the ground and does not over hang the stream. No embedded material can be removed.

- No downed woody debris can be removed or limbed up if it overhangs the active channel. Removing downed material over a stream will require permits.
- No trees adjacent to stream channels (i.e. limbs overhanging channel, roots part of bank structure) can be removed without permits.
- Trees within the buffer zones can be cut but will need to be approved by Stewardship prior to removal.
- Only 20% of brush can be cut within the buffer zones. This removal shall be done in a manner that minimizes ground disturbance. If ground disturbance occurs in the buffer zones during brush removal, erosion control BMPs will need to be applied.

**FUELS TREATMENT PRESCRIPTION:**

Initial Treatment

Surface and ladder fuels will be removed up to approximately 8 feet from the forest floor using hand labor. Fuels to be reduced include brush, grasses/forbs, and low hanging branches from live trees. French broom will be treated with herbicides and/or removed using hand labor. Other brush and serious ladder fuel loads will be reduced through cutting/piling/burning efforts or chipping on site to a depth not to exceed 4 inches. Animal grazing will continue.

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 weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
05	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
06-09	Use weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
10	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
11-14	Use weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
15	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
16-19	Use weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
20	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
21-24	Use weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
25	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
26-29	Use weedeating/grazing/herbicides to maintain grass and low shrub fuel loads.
30	Repeat initial treatment and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.

**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:**

Brad Gallup  
Fire Captain, EBRPD

[Signature]  
Signature

8/21/12  
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:

John R. Swanson  
Fire Chief, EBRPD  
for [Signature] 08-21-2012

[Signature]  
Signature

08-23-2012  
Date

NEAL FUJITA  
Stewardship Manager, EBRPD

[Signature]  
Signature

8/23/12  
Date

