

TILDEN TI012-002 – WEED MANAGEMENT AREA (WMA) FUELS MANAGEMENT PRESCRIPTION

SITE DESCRIPTION AND LOCATION:

This 2 acre site is located in Tilden Regional Park, adjacent to Tilden Golf Course (Hole #2) on the west side of Golf Course Rd. in Berkeley, CA.

VEGETATION MANAGEMENT GOALS:

Thinned eucalyptus, redwood, oak-bay woodland, annual grassland, north coastal scrub

FUELS MANAGEMENT OBJECTIVES:

- 1 - Reduce ladder and surface fuels to help slow the spread and lessen the intensity of fire spreading up slope into residential areas or into the tree canopy causing ember dissemination.
- 2 – Expand and increase the existing fuelbreak by targeting eucalyptus encroaching into open space and in previously treated areas.

RESOURCE OBJECTIVES AND CONSIDERATIONS:

- Conduct all initial work during the period from July 31st to Jan. 31st 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 oak and bay habitat to identify and avoid dusky-footed woodrat nests. Any nests will have a buffer zone to be flagged by Stewardship staff prior to beginning work.
- Limit ground surface area subject to activity related soil compaction to no more than 15% of the treated area. Minimize the potential for activity related soil erosion to cause unacceptable sedimentation of streams, ponds or lakes.
- Conduct treatment activities in a fashion that maintains or expands north coastal shrublands, oak-bay woodlands, and annual grasslands.
- Maintain or improve foreground visual quality as viewed from adjacent trails, roads and developed recreation areas.
- Provide protection from disturbance for known and discovered cultural resource sites.

FUELS TREATMENT PRESCRIPTION:

Initial Treatment

Ladder fuels to be removed from this site will include eucalyptus ranging up to 12" dbh, dead and downed fuels greater than 4" in diameter, branches hanging below 8 ft, and small diameter understory bay trees. Target fuels will be disposed of or modified by pile burning, chipping, and complete removal, or any combination of the aforementioned. Chips and mulch are allowed up to a depth not to exceed 2". Hazard trees may be considered for removal. The work will be done using hand labor.

Per the District's Integrated Pest Management pest control recommendation, eucalyptus stumps will be treated by a certified applicator with Garlon-4 Ultra within one hour to prevent re-sprouting.

Retain duff and up to 1" of forest litter to reduce soil displacement and invasive plant establishment. All trees to be removed will be cut to a stump height not to exceed four inches measured from the uphill side. Conduct all operations to avoid unnecessary and unacceptable damage to boles, roots, and crowns of residual trees and vegetation. Maintain sufficient health of the retained trees by pruning no more than the lower one-third of the crown. Coordinate with park staff to minimize impacts on visitor use of the campground. The initial treatment is expected to take place in July 2010.

Follow-up/Maintenance

YEAR	FUELS TREATMENT
01	Initial Treatment.
02	Remove eucalyptus seedlings and treat eucalyptus resprouts with herbicide.
03	Remove eucalyptus seedlings and treat eucalyptus resprouts with herbicide.
08	Reduce/remove accumulated ladder and surface fuels. Remove eucalyptus seedlings, cut eucalyptus sprouts, and treat with herbicide.
13	Reduce/remove accumulated ladder and surface fuels. Remove eucalyptus seedlings, cut eucalyptus sprouts, and treat with herbicide.
18	Reduce/remove accumulated ladder and surface fuels. Remove eucalyptus seedlings, cut eucalyptus sprouts, and treat with herbicide.
23	Reduce/remove accumulated ladder and surface fuels. Remove eucalyptus seedlings, cut eucalyptus sprouts, and treat with herbicide.
30	Reduce/remove accumulated ladder and surface fuels. Remove eucalyptus seedlings, cut eucalyptus sprouts, and treat with herbicide.

MONITORING:

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

PRESCRIPTION PREPARED BY: I certify that this prescription meets the District's standards for fuels management, natural resources 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.

Brian Cardero
Fire Captain, EBRPD

Brian Cardero
Signature

11-22-2010
Date

REVIEW AND APPROVAL:

JOHN R. SWANSON
Fire Chief, EBRPD
11.30.2010

[Signature]
Signature

12.07.2010
Date

NEAL FUJITA
Stewardship

[Signature]

12/3/10



Fuels WHR Treatment Areas
Tilden WMA (107)
Eucalyptus Thinning

