

REDWOOD RD001-001 – SOUTH OF EAST RIDGE TRAIL FUELS MANAGEMENT PRESCRIPTION

SITE DESCRIPTION AND LOCATION:

This site is 30 acres of an open Monterey pine stand with an understory of scattered oak, bay, madrone, and north coastal scrub located between the East Ridge Trail and the Phillips Loop Trail southeast of the Skyline Staging Area in Redwood Park.

VEGETATION MANAGEMENT GOALS:

Open Monterey pine stands with understory of pine litter, grassland and scattered low shrubs, annual grass.

FUELS MANAGEMENT OBJECTIVES:

1 - Reduce ladder and surface fuels within approximately 200 feet south of the East Ridge Trail to enhance firefighter and public safety along the ridgeline.

2 – Maintain a shaded fuelbreak under the open Monterey pine stands.

RESOURCE OBJECTIVES AND CONSIDERATIONS:

- 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 trails and Skyline Staging Area.
- Conduct all operations to minimize smoke impacts on neighboring homes.
- Conduct all operations to avoid unacceptable damage to boles, roots, and crowns of residual trees and vegetation.
- 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.
- Conduct treatment activities during the period from December 1 to April 1 to avoid damage to existing Oakland Star Tulip populations. If activities need to be conducted outside of this seasonal period, pre-work surveys will be conducted by Stewardship within 15 days prior to treatment to identify necessary buffer zones around any plants.
- Install erosion control measures if needed in areas where duff has been removed.
- Conduct surveys and treatment activities in a manner that will minimize potential adverse effects to Alameda whipsnakes.
- No removal of vegetation on tributary streams in a manner that would destabilize banks or induce erosion.
- Use of control lines in tributary streams should be minimized. However, if necessary, these control lines will be rehabilitated after burning with appropriate erosion control and/or plantings.

FUELS TREATMENT PRESCRIPTION:

Initial Treatment

Surface fuels and ladder fuels will be reduced up to approximately 8 feet from the forest floor, using hand labor, pile burning, and prescribed underburning. Work includes construction of control lines down to bare soil using hand tools, pruning low hanging branches and brush, raking up accumulated dead and down materials, piling and burning of slash and limbs, broadcast burning of grasses and low shrubs, and removing understory eucalyptus and pine. To open the pine overstory, initial treatment includes removal of diseased, decaying, and hazardous Monterey pines (initial work completed in 2009). Any cut eucalyptus trees and sprouts will be treated by a certified applicator with Garlon-4 Ultra per the District's Integrated Pest Management pest control recommendation. All trees to be removed will be cut to a stump height not to exceed four inches measured from the uphill side. Surface fuels and ladder fuels initial treatment is planned to start in early 2011.

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 brush and accumulated down limbs by cutting and raking material into piles and prescribed pile burning.
13	Reduce brush and accumulated down limbs by cutting and raking material into piles and prescribed pile or broadcast burning.
18	Reduce brush and accumulated down limbs by cutting and raking material into piles and prescribed pile burning.
23	Reduce brush and accumulated down limbs by cutting and raking material into piles and prescribed pile burning or broadcast burning..
30	Reduce brush and accumulated down limbs by cutting and raking material into piles and prescribed pile burning.

MONITORING:

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

PRESCRIPTION PREPARED BY:

Fire Captain, EBRPD

Signature

Date

REVIEW AND APPROVAL:

Fire Chief, EBRPD

Signature

Date

Stewardship Manager, EBRPD

Signature

Date

Redwood RD001 - South of East Ridge Trail Fuels Management Prescription Map

