

LAKE CHABOT – LC010

FUELS MANAGEMENT PRESCRIPTION

SITE DESCRIPTION AND LOCATION:

This site is a 4.8 acre area of Oak-Bay woodland and open grassland located in the Southeast section of Lake Chabot Park along the Ten Hills Trail adjacent to homes on Hillsborough Drive in Castro Valley.

VEGETATION MANAGEMENT GOALS:

Oak-Bay woodlands with minimal understory vegetation.

FUELS MANAGEMENT OBJECTIVES:

1. Create space between trees and thin the understory to reduce the intensity of wildland fires and create a fuel break.
2. Reduce ladder fuels and the potential for crown fires and ember dissemination.

RESOURCE OBJECTIVES AND CONSIDERATIONS:

- Conduct all initial treatment during the period from July 31st to Jan. 31st 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 coordinate a pre-work nesting survey within 15-days of performance of treatment 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. 31st and April 1st. 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 defined in the protocol developed by Stewardship.
- 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.
- Retain $\geq 30\%$ shrub cover in patches in brush habitat, thereby developing a connected mosaic of brush and grassland habitat.

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 12 inches will be removed creating spacing between trees and allowing healthy mature trees to flourish.
- Surface and ladder fuels will be removed up to approximately 8 feet from the forest floor, including brush under the tree canopies, and live tree branches. Retention of larger logs, 2-3 per acre, in various ranges of decay may be left to promote wildlife habitat and long term soil productivity. Retained logs left will be no less than 12 inches in diameter throughout length of the log and must rest on soil.

Work includes:

- Thinning out brush such as poison oak, coyote brush, and blackberry.
- Herbicide applications will not be required during the initial treatment, but may be necessary during annual maintenance to treat re-sprouts.
- Material will be chipped and left onsite to a depth not to exceed 4 inches.
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- A nonnative, structurally compromised pine tree will be removed.
- Use animal grazing and weed eating tools to reduce grass heights.

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 and maintenance as needed. Use animal grazing to maintain fuel load, including grasses and low shrubs.
06-09	Use weed eating/mowing/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 weed eating/mowing/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 weed eating/mowing/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 weed eating/mowing/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 weed eating/mowing/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:

Aileen Theile
Fire Captain, EBRPD

Aileen Theile 5/31/2012
Signature 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:

for JOHN R. SWANSON
Fire Chief, EBRPD

JS 05/31/2012

[Signature] 06.06.2012
Signature Date

NEAL FUJITA
Stewardship Manager, EBRPD

[Signature] 6/4/12
Signature Date

