

Miller Knox MK-005 – Crest fire road (Crest Trail) FUELS MANAGEMENT PRESCRIPTION

SITE DESCRIPTION AND LOCATION:

This site is within a ten acre area adjacent to the Crest and West Ridge Trail stopping at the Old Country Trail within Miller Knox Regional Park. The vegetation is coastal prairie, non-native grassland, coastal scrub, and oak woodland. The project site is located in the city of Richmond. Access is entrance to the Crest Trail off of Canal Boulevard.

VEGETATION MANAGEMENT GOALS:

Maintain scattered scrub and grass within 50 feet of road. No pines within 40 feet of ridge top. Lower on north-facing slope, north coastal scrub on north aspect, incipient oak-bay woodland, emerging pine stand.

FUELS MANAGEMENT OBJECTIVES:

Maintain this unit so as to generate a flame length of 8 feet or less and to reduce the potential for crowning and sustained crown fire under 97th percentile weather conditions. Create and maintain vertical and horizontal discontinuity in the fuel bed. Encourage and expand the mosaic of vegetation types and age classes. Reduce ladder fuels through pruning and selective thinning. Maintain fuel accumulations on the forest floor to acceptable levels.

RESOURCE OBJECTIVES AND CONSIDERATIONS:

- To avoid disturbance of nesting birds, conduct treatment activities during the period from Aug.1 to Feb. 1.
- To avoid disturbance of nesting raptors, conduct treatment activities during the period of Aug.1 to December 31.
- If activities need to be conducted during nesting season then nest surveys will be conducted by Stewardship within 15 days prior to treatment.
- Protect existent native plant species present whenever possible.

FUELS TREATMENT PRESCRIPTION:

Maintenance Treatment

Hand labor techniques including weed whipping used annually after grasses have dried or cured so that the grass does not grow back. This technique reduces the height of the fuel, but does not create areas of bare soil, as vegetation is not completely removed. Use chainsaws to cut and remove brush and ladder fuels. Branches and material cut from brush can then be further broken into compact brush piles. Pile burning will be done in selected areas deemed safe and downwind from structures. Use hand tools to clear a fire control line around the piles edges and cut a shallow trench at the base of the burn pile to catch any burned material that would inadvertently roll down slope. After burning is accomplished, the soils under the piles would be slightly cultivated to break up the soil and mix in nutrients. A burn notice would be provided to the Bay Area Air Quality Management District (BAAQMD) and burns would only take place on designated "Burn Days". To be burned by Fire Department Staff only.

Follow-up/Maintenance


YEAR	FUELS TREATMENT
01	Weed whipping annual grasses, remove ladder fuels, burn piles
02	Weed whipping annual grasses, remove ladder fuels, burn piles

03	Weed whipping annual grasses, remove ladder fuels, burn piles
04	Weed whipping annual grasses, reduce fuel height
05	Weed whipping annual grasses, reduce fuel height
06	Weed whipping annual grasses, reduce fuel height
07-30	Weed whipping annual grasses, reduce fuel height

MONITORING:

Staff from the District's Fire Department, Planning/Stewardship, and Operations will evaluate the success and efficacy of the fuels treatments. Document monitoring results.

PRESCRIPTION PREPARED BY:


 Fire Captain, EBRPD Signature

Brian Cordeiro

5/1/2011
 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:


 Fire Chief, EBRPD Signature

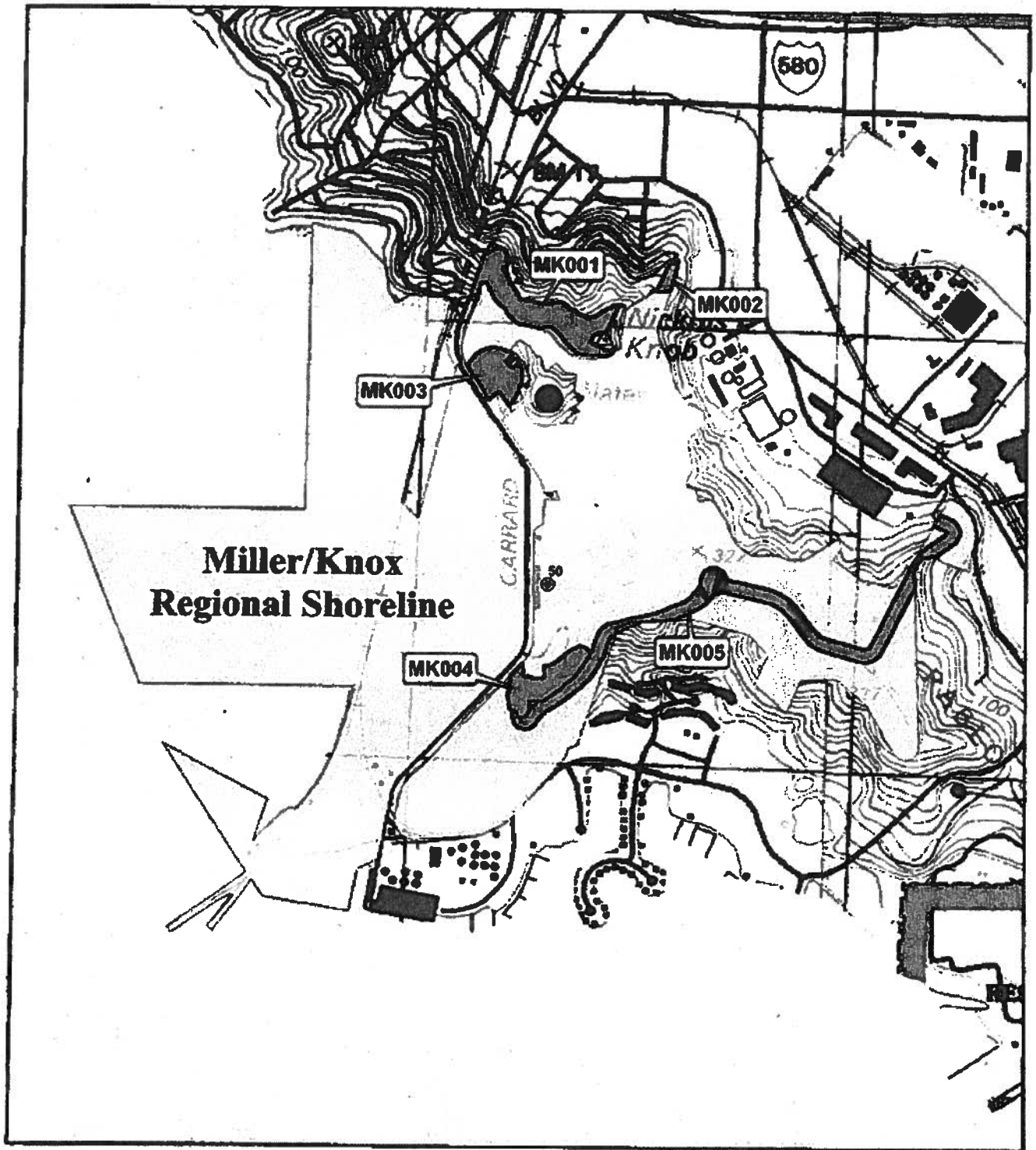
John R. Swanson

07.12.2011
 Date


 Stewardship Manager, EBRPD Signature

NEAL FUJITA

6/24/11
 Date



**Miller/Knox
Regional Shoreline**

LSA



0 500 1,000
FEET

RECOMMENDED TREATMENT AREAS

-  INITIAL TREATMENT AREA
-  MAINTENANCE AREA

 STRATEGIC FIRE ROUTES

 DEVELOPED FACILITIES

FIGURE III-16

*EBRPD Wildfire Hazard Reduction
and Resource Management Plan*

**Recommended Treatment Areas in
Miller/Knox Regional Shoreline**

1:EBR0001-GIS-Maps-Plan-FigureIII-16-RTAs_MK.mxd (02 01 2009)

