

Date of Report Sept. 28, 2004

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST**

A. Type of Report

- ☐ 1. Funding request for estimated WFSU-SULT funds
☒ 2. Accomplishment Report
☐ 3. No Treatment Recommendation

B. Type of Action

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible rehabilitation measures)
☐ 2. Interim Report
 ☐ Updating the initial funding request based on more accurate site data or design analysis
 ☒ Status of accomplishments to date

☒ 3. Final Report (Following completion of work)

PART II - BURNED-AREA DESCRIPTIONA. Fire Name: East FireB. Fire Number: CA-ANF-002861C. State: CaliforniaD. County: Los AngelesE. Region: 05F. Forest: AngelesG. District: Santa Clara / Mojave (53)H. Date Fire Started: Aug 7, 2004I. Date Fire Contained: Aug. 8 , 2004

J. Suppression Cost:

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): 9.0
2. Fireline seeded (miles): 0.0
3. Other (identify):

L. Watershed Number: 1807010208

M. Total Acres Burned: 1,330 _

NFS Acres(1,074) Other Federal () State () Private (256)

N. Vegetation Types: Chamise, Buckwheat, Ceanothus, Yucca, Riparian - Willows, Sycamores and scattered Oaks near riparian area.O. Dominant Soils: Osito Family and Trigo FamilyP. Geologic Types: Pliocene Non-Marine sandstones, siltstones and shales.

Q. Miles of Stream Channels by Order or Class:

Order 1 = 2.64 miles Order 2 = 2.40

R. Transportation System

Trails: 0 miles

Roads: 4.5 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 350 (low) 580 (moderate) 0 (high) 400 acres (Estimated unburned islands)

B. Water-Repellent Soil (acres): 50

C. Soil Erosion Hazard Rating (acres):
(unburned and valley flats) 550 (low) 700 (moderate) 80 (high)

D. Erosion Potential: 43.0 tons/acre

E. Sediment Potential: 5,030 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 5 years

B. Design Chance of Success, (percent): 80

C. Equivalent Design Recurrence Interval, (years): 2

D. Design Storm Duration, (hours): 24

E. Design Storm Magnitude, (inches): 3.5 inches

F. Design Flow, (cubic feet / second/ square mile): 5.00

G. Estimated Reduction in Infiltration, (percent): 20 %

H. Adjusted Design Flow, (cfs per square mile): 11.00

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency:

Fire caused problems Exotic Plants (Weeds) .

The fire burned up to the edge of the Interstate 5 freeway and burned a total of ¼ mile along the freeway. Vehicles traveling the interstate are a major source of weed seeds. There is an expectation that weeds will be introduced into the burned area from vehicles traveling the freeway. The fire was contained within two days as a result a wash station was not set up for incoming fire equipment.

No action for the following.

Hydrology - The private land and trailer park will not be impacted by debris flows and flooding. (Hydrological report Aug 10, 2004)

Historical & Archeological - No known historical and archeological sites will be impacted by the loss of water control.

T&E - There has been no need to consult with the U.S. Fish and wildlife Service on this fire incident due to a lack of threatened and endangered species within the burn perimeter. The Forest Service periodically requests the U.S. Fish and Wildlife Service review its list of Threatened, Endangered and Candidate species and concur with the list. Concurrence on the Forest T&E list occurred in March 2004.

Transportation - Roads were examined; the loss of water control and increased sedimentation will not significantly impact the roads. (Most roads are on ridge tops)

B. Emergency Treatment Objectives.

Prevent the spread of existing and new weeds into the burned area along the Interstate – 5 and internally within the burned area due suppression activities

C. Probability of Completing Treatment Prior to First Major Damage-Producing Storm:

Land ___ % Channel ___ % Roads ___ % Other ___ %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads			
Other			70

E. Cost of No-Action (Including Loss): **\$150,000**

F. Cost of Selected Alternative (Including Loss): **\$ 18,000**

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input type="checkbox"/> Soils	<input checked="" type="checkbox"/> Geology	<input type="checkbox"/> Range	<input type="checkbox"/>
<input type="checkbox"/> Forestry	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input checked="" type="checkbox"/> Engineering	<input type="checkbox"/>
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input checked="" type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology	<input type="checkbox"/>
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input type="checkbox"/> GIS	

Team Leader: Vic Andresen

Email: vandresen@fs.fed.us Phone: 626-574-5268 FAX:

H. Treatment Narrative:

(Describe the emergency treatments, where and how they will be applied, and what they are intended to do. This information helps to determine qualifying treatments for the appropriate funding authorities. For seeding treatments, include species, application rates and species selection rationale.)

Land Treatments:

Channel Treatments:

Roads and Trail Treatments:

Structures:

I. Monitoring Narrative:

(Describe the monitoring needs, what treatments will be monitored, how they will be monitored, and when monitoring will occur. A detailed monitoring plan must be submitted as a separate document to the Regional BAER coordinator.)

Exotic Plants and Weeds

Yellow star thistle has been sighted at several localities along the Interstate – 5 corridor. This monitoring program is to search for yellow star thistle near and in the burned area that maybe spreading along the freeway. Monitoring will look for other weeds that may have arrived due to Interstate – 5 traffic. The fire lasted only two days. A wash station was not set up for incoming fire fighting equipment. Weed seeds may have been carried into and left along the fuel breaks and fire lines. Introduction of the Yellow Star thistle and other exotic weeds would create a serious management problem which would be detrimental to the ecology of the area.

The best chance of controlling weed infestations is to detect and implement treatment actions as quickly as possible. We are requesting funds to send two observers to go out once a month starting in early spring and continuing through mid July of 2005 to evaluate weed infestations on recently burned area. Observers (probably botanists) will search on and around the I-5 right of way and walk the fuel breaks. They will identify and map any infestations of exotic weeds. If practicable, they will remove these plants by pulling and/or grubbing using hand tools. All plants that are uprooted will be bagged and hauled to an appropriate disposal site. Should large infestations be detected, a weed abatement plan will be developed, and an interim report requesting funds to implement the plan will be sent to the regional office. Information specific to this request is as follows:

Survey Dates: March 10-11, April 12-13, May 12-13, June 9-10 and July 12-13, 2005

Personnel:

Two surveyors (GS11 and GS9 botanists) for 10 days each survey time =	\$4,000
Report time for surveyors for 2 days =	400
Vehicle mileage=	700
Coordination time for a GS11=	500
Total =	\$5,600

Final Sept. 28, 2004

Do to heavy rains, flooding, road washouts and landslides during the winter 2004-05, a high workload was placed on the Forest Botanist. The requests for botanical help for these weather related emergencies

was of higher priority than the monitoring for the spread of weeds following the East Fire. As result the requested funds for which we received approval, was not spent and the monitoring did not occur.

Part VI – Emergency Rehabilitation Treatments and Source of Funds by Land Ownership

Line Items	Units	Unit Cost	# of Units	WFSU SULT \$	Other \$	# of units	Fed \$	# of Units	Non Fed \$	Total \$
A. Land Treatments										
				\$0			\$0		\$0	\$0
				\$0			\$0			
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Land Treatments</i>				<i>\$0</i>			<i>\$0</i>		<i>\$0</i>	<i>\$0</i>
B. Channel Treatments										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Channel Treat.</i>				<i>\$0</i>			<i>\$0</i>		<i>\$0</i>	<i>\$0</i>
C. Road and Trails										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Road & Trails</i>				<i>\$0</i>			<i>\$0</i>		<i>\$0</i>	<i>\$0</i>
D. Structures										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Structures</i>				<i>\$0</i>			<i>\$0</i>		<i>\$0</i>	<i>\$0</i>
E. BAER Evaluation										
Salaries				\$2,800			\$0		\$0	\$2,800
Vehicleals				\$200			\$0		\$0	\$200
F. Monitoring (Weeds)	Acre	280	20	\$5,600			\$0		\$0	\$5,600
G. Totals				\$8,600			\$0		\$0	\$3,000

PART VII - APPROVALS

1. _____
Forest Supervisor (signature) _____
Date
2. _____
Regional Forester (signature) _____
Date