

Date of Report:

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: SourceB. Fire Number: P5A41FC. State: CAD. County: MaderaE. Region: Pacific Southwest (R-5)F. Forest: Sierra NFG. District: Bass LakeH. Date Fire Started: June 16, 2004I. Date Fire Contained: June 20, 2004

J. Suppression Cost:

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): 1.0
2. Fireline seeded (miles):
3. Other (identify):

L. Watershed Number: 1804000607 Mammoth Pool Reservoir (5th field)M. Total Acres Burned: 385

NFS Acres(385) Other Federal () State () Private ()

N. Vegetation Types: Ponderosa pine, California Incense cedar, Black oak with an under story of Bear clover and Mariposa manzanitaO. Dominant Soils: Holland – Chawanakee family complex, 35 to 65% slopes and Tollhouse family – Rock outcrop complex, 30 to 60 percent slopes.

P. Geologic Types: Granitic bedrock including a large talus slope

Q. Miles of Stream Channels by Order or Class: 1.25 miles - Order 1 channels

R. Transportation System

Trails: 0 miles Roads: 0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 345 (low) 18 (moderate) 22 (high)

B. Water-Repellent Soil (acres): 10

C. Soil Erosion Hazard Rating (acres):
363 (low) (moderate) 22 (high)

D. Erosion Potential: 65 tons/acre

E. Sediment Potential: 8,960 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years):

B. Design Chance of Success, (percent):

C. Equivalent Design Recurrence Interval, (years):

D. Design Storm Duration, (hours):

E. Design Storm Magnitude, (inches):

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

G. Estimated Reduction in Infiltration, (percent):

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

PART V - SUMMARY OF ANALYSIS

- A. Describe Watershed Emergency: No watershed emergency was found during the field survey of the burned area on 6/20/2004. Burn severity was predominately low with only a small area of high burn severity present. The high burn severity coincided with the steep, rock exposure near Source Point. The low burn severity and the widespread presence of a bear clover understory with high re-sprouting potential greatly limits the potential increase in soil erosion. The small affected area, limited vegetative change and multiple first order channels draining from the burn make the prospect of increased runoff or debris flow unlikely.

The potential does exist for a short-term increase in rockfall within and downslope from the high burn severity area. Very large rocks have already been observed falling from this area. While there are no

values-at-risk from this increased geologic hazard, it is recommended that administrative action in the form of closing the area and notifying employees (whose jobs might lead them to be in this area after fire suppression is completed) be done.

B. Emergency Treatment Objectives: None identified

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			

E. Cost of No-Action (Including Loss):

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

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

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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: None recommended

Channel Treatments: None recommended

Roads and Trail Treatments: None recommended

Structures: None recommended

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.)

None recommended – dozers were from local area and clean prior to starting fireline work. Therefore, no noxious weed survey is necessary.

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	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Land Treatments</i>				\$0	\$0		\$0		\$0	\$0
B. Channel Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Channel Treat.</i>				\$0	\$0		\$0		\$0	\$0
C. Road and Trails										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Road & Trails</i>				\$0	\$0		\$0		\$0	\$0
D. Structures										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Structures</i>				\$0	\$0		\$0		\$0	\$0
E. BAER Evaluation										
				\$1,800	\$0		\$0		\$0	\$1,800
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>				\$1,800	\$0		\$0		\$0	\$1,800
F. Monitoring										
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Monitoring</i>				\$0	\$0		\$0		\$0	\$0
G. Totals				\$1,800	\$0		\$0		\$0	\$1,800

PART VII - APPROVALS

1. /s/ Edward C. Cole
Forest Supervisor (signature)

06/23/04
Date

2. _____
Regional Forester (signature)

Date

Source Fire 2004 Sierra National Forest Bass Lake Ranger District

