

## BURNED-AREA REPORT

## PART I - TYPE OF REQUEST

[X] 1. Funding request for estimated WFSU-SULT funds

## [ ] 2. Accomplishment Report

[X] 3. No Treatment Recommendation

[ X] 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)

A. Fire Name: Nehouse

B. Fire Number: P5BE6R

C. State: CA

D. County: Madera

E. Region: Pacific Southwest (R-5)

F. Forest: Sierra NF

G. District: Bass Lake

H. Date Fire Started: Sept., 11, 2004

I. Date Fire Contained: Sept. 12, 2004

### J. Suppression Cost:

#### K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles):

2. Fireline seeded (miles):

3. Other (identify):

L. Watershed Number: 1804000607 Mammoth Pool Reservoir (5<sup>th</sup> field)

M. Total Acres Burned: 204

NFS Acres(204)    Other Federal ( )    State ( )    Private ( )

N. Vegetation Types: Ponderosa pine, mixed Conifer-Pine with some oak

O. Dominant Soils: Chaix family, 35 to 65% slopes

P. Geologic Types: Granitic bedrock

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

R. Transportation System

Trails:     miles      Roads: 2 miles

### **PART III - WATERSHED CONDITION**

A. Burn Severity (acres):     (low)     (moderate)     (high)

B. Water-Repellent Soil (acres):    

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

D. Erosion Potential:        tons/acre

E. Sediment Potential:     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 9/15/2004. Part of the high burn severity component of this fire included an area of known slope instability. This was identified under a 1984 timber sale due to landslide deposits and existing groundwater seepage. District personnel recognized that the area fill within the fire boundary and initiated a BAER review. Geologic investigation at the time determined that no trees should be removed and it was unsuitable for future harvest. While the fire will cause loss of trees at this site, it will not be as extensive as the planned cable clearcut. There may be some debris flow activity, but it does not threaten life or property downslope. It is also expected to involve small volume (less than 10 cu. yds.) There may be a short-term, increased delivery of sediment to the San Joaquin several miles drainage from this unstable area. However, any mitigation would be far more costly than the impact from this additional sediment.

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 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.)

## 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 \$
<b>A. Land Treatments</b>										
				\$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>B. Channel Treatments</b>										
				\$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
<b>C. Road and Trails</b>										
				\$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 &amp; Trails</i>				\$0	\$0		\$0		\$0	\$0
<b>D. Structures</b>										
				\$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
<b>E. BAER Evaluation</b>										
				\$400	\$0		\$0		\$0	\$400
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>				\$400	\$0		\$0		\$0	\$400
<b>F. Monitoring</b>										
				\$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
<b>G. Totals</b>				<b>\$400</b>	<b>\$0</b>		<b>\$0</b>		<b>\$0</b>	<b>\$400</b>

## PART VII - APPROVALS

1. \_\_\_\_\_  
Forest Supervisor (signature)

\_\_\_\_\_  
Date

2. \_\_\_\_\_  
Regional Forester (signature)

\_\_\_\_\_  
Date