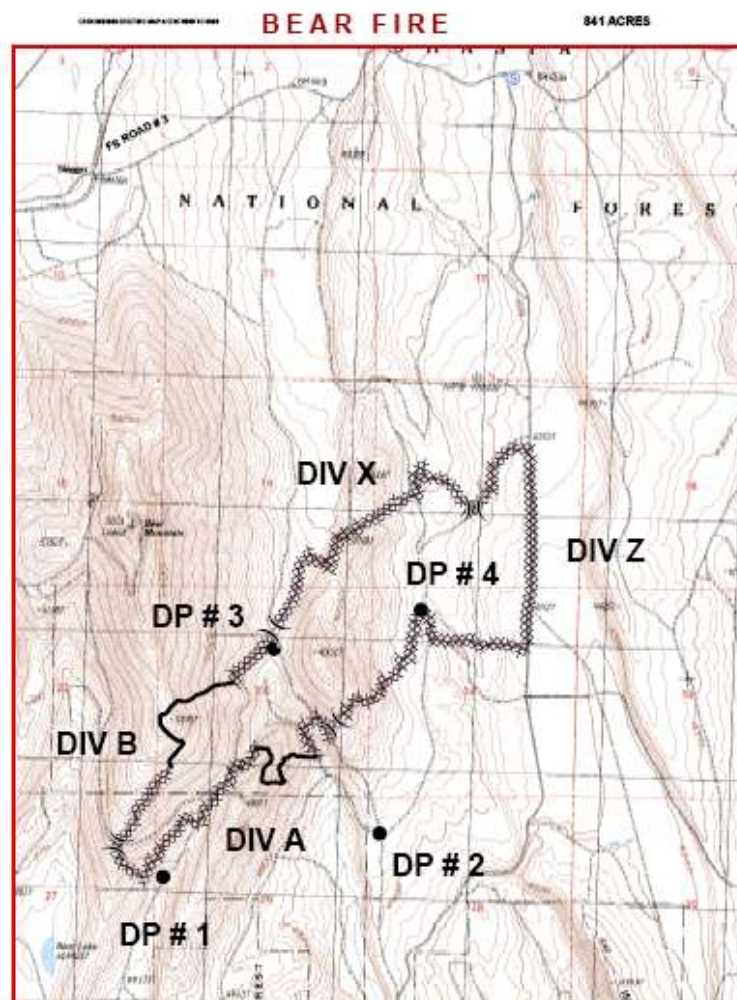


Date of Report: 8/22/07

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 DESCRIPTION

- A. Fire Name: Bear Fire
- B. Fire Number: CASKU 003868
- C. State: CA
- D. County: Siskiyou
- E. Region: 5
- F. Forest: Shasta-Trinity
- G. District: McCloud
- H. Date Fire Started: 8/13/07
- I. Date Fire Contained: 8/17/07
- 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: 1802000304 – Bear Ck. 5th field
- M. Total Acres Burned: 841
NFS Acres(**701**) Other Federal () State () Private (140)
- N. Vegetation Types: Mixed Conifer
- O. Dominant Soils: Neer and Sadie
- P. Geologic Types: basalt with ash cover
- Q. Miles of Stream Channels by Order or Class:
- R. Transportation System
- Trails: _____ miles Roads: _____ miles

PART III - WATERSHED CONDITION

- A. Burn Severity (acres): 661 (low) 150 (moderate) 30 (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): 3-5
- 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:

Values at Risk:

Noxious weed introduction:

The large response from local, state, and federal units raises the possibility that noxious weeds were introduced in unwashed suppression equipment. Specialists on the BAER team did not find any watershed emergency in regard to erosion, water quality, wildlife, archology. The only concern was the possible introduction of noxious weeds by multiresource units off the forest.

B. Emergency Treatment Objectives:

Need to order up a noxious weed detection survey to insure no invasive weeds get established in fire perimeter and along dozer lines. If detected in the spring proceed with eradication plan of hand pulling.

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 checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input 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 checked="" 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	

Team Leader: Brad Rust

Email: brust@fs.fed.us

Phone: 530-226-2427

FAX: 530-226-2485

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: Allow natural regeneration due to the moderate to low soil burn intensity that did not destroy the natural seedbed. No watershed emergency in regards to erosion, water quality, fish, wildlife, archeology.

Channel Treatments: No streams present.

Roads and Trail Treatments: Suppression rehab. Will cover with waterbarring and seeding.

Structures: none

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.)

Noxious weed detection survey needs to be conducted in the Spring to determine if introduction of noxious weeds occurred from multi-agency response into a Ponerosa Pine-Buckbrush-Manzanita habitat.

One week of time for district botanist and assistant to monitor fire area esp. fire perimeter and dozer lines for noxious weeds. If noxious weeds are detected weeds will be hand pulled and put in plastic bags for disposal. If further treatments are needed an Interim request will be submitted.

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

Line Items	Units	Unit Cost	NFS Lands		Other \$	Other Lands				All Total \$
			# of Units	WFSU SULT \$		# of units	Fed \$	# of Units	Non Fed \$	
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										
BAER team	ea	750	1	\$750	\$0		\$0		\$0	\$750
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>				\$750	\$0		\$0		\$0	\$750
F. Monitoring										
Nx Weeds	days	412	8	\$3,296	\$0		\$0		\$0	\$3,296
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Monitoring</i>				\$3,296	\$0		\$0		\$0	\$3,296
G. Totals				\$4,046	\$0		\$0		\$0	\$4,046

PART VII - APPROVALS

1. /s/ J. Sharon Heywood
J. SHARON HEYWOOD
Forest Supervisor

16 Oct 07
Date

2. /s/ James M. Pena (for)
Regional Forester

10/22/07
Date