USDA-FOREST SERVICE
FS-2500-8 (7/00)

Date of Report: 9-09-06

BURNED-AREA REPORT
(Reference FSH 2509.13)

NO TREATMENT DECISION AND FIRE UNDER 300 ACRES- Fill out the yellow highlighted sections, Forest BAER Coordinator sign, and send to Regional BAER Coordinator. BR, 2006

PART I - TYPE OF REQUEST

I. Type of Report

[ ] 1. Funding request for estimated WFSU-SULT funds
[ ] 2. Accomplishment Report
[**x**] 3. No Treatment Recommendation

I. 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: Sand Flat B. Fire Number: CA-STF-002483

C. State: CA D. County: Tuolumne

E. Region: R5 F. Forest: Stanislaus

G. District: Summit

H. Date Fire Started: 9-02-06 I. Date Fire Contained: 9-08-06

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:

M. Total Acres Burned: 177
NFS Acres(**177**) Other Federal ( ) State ( ) Private ( )

N. Vegetation Types: White fir-Jeffery Pine, 4G stand structure

O. Dominant Soils: Gerle, bouldery

P. Geologic Types: Glacial moraine deposits and outcrops of granodiorite bedrock

Q. Miles of Stream Channels by Order or Class:

I. Transportation System

Trails: _ miles Roads: _ miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 146 (low) 30 (moderate) 0 (high)

B. Water-Repellent Soil (acres): 10

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): 2

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): ____

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

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency: **STATE WHETHER OR NOT VALUES AT RISK WERE IDENTIFIED AND IF SO, WHAT THEY ARE.**

The burned watershed was assessed. No watershed emergency or values at risk were found. A debris flow scoured channel extends through the burn and does not quite reach the Clarks Fork Horse Trail. The area where the horse trail is located was found to be in a low debris flow hazard zone.

Note that official fire acreage is 177 acres and this has varied from 300 down to 76 acres. The geology report describes the fire as 76 acres which is a good estimate of contiguous acres, not including spot fires. The official acreage is used for the 2500-8 report.

B. Emergency Treatment Objectives: **Even if Values at Risk were identified, the actual threat to them may be quite low due to the fire size or other circumstances. Provide further description and why NO TREATMENT was chosen. Otherwise, we may need to go further in our assessment and consideration of possible treatments.**

The BAER assessement found no significant hazards related to post-burn watershed response. No life, property, or resource values were found to be at risk and no treatments are being requested. There will be an **increase in rockfall and rocks rolling** down the very steep burned slopes. However, there are no trails or dispersed camping within the burn and the horse trail is outside the burn. An unburned buffer exists between the fire and the horse trail.

- Debris flow activity in the debris flow scoured channel is **not** expected to be increased as a result of the fire. The channel starts above the fire and only the lower 1/3 of the small watershed is burned (mostly low and moderate severity). No significant increase in peak flows are expected. The Clarks Fork Horse Trail crosses the path of the intermitent channel. This point is located approximately 400 feet below the main deposition zone of the debris flow on a 10% slope. The horse trail is considered to be in a low debris hazard zone (see Geology Report). No treatment is recommended, including signing for a high hazard post-burn situation.
- Risk of weed infestation is considered low. No equipment entered the fire boundary. All control lines were hand lines.
- The White Fir RNA was not affected by the fire. The fire boundary stopped short of the Research Natural Area.
- Soil erosion hazard is expected to be low to moderate. No high severity fire is present. Ground conditions appear to be similar to a prescribed burn. Rock cover is estimated at approximately 35% percent and infiltration is predicted to be high following very adequate litter fall.

- No roads are affected by the fire.
- No archaeology sites are affected by the fire.
- No significant change in sediment delivery to the Clarks Fork River is expected. The 177 acres is a minor percentage of the HUC6 watershed.
- No range allotments are in the fire area.
- No designated campground areas are located below the fire.

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):

I. Skills Represented on Burned-Area Survey Team: Adam Rich, Summit District wildlife biologist serving in a Resource Advisor and Suppression Rehab capacity on the fire was consulted. Jim Frazier, Forest hydrologist was also consulted.

[ ] Hydrology	[**x**] Soils	[x] Geology	[ ] Range	[ ]
[ ] Forestry	[ ] Wildlife	[ ] Fire Mgmt.	[ ] Engineering	[ ]
[ ] Contracting	[ ] Ecology	[ ] Botany	[ ] Archaeology	[ ]
[ ] Fisheries	[ ] Research	[ ] Landscape Arch	[ ] GIS	

Team Leader: Alex Janicki

Email: ajanicki@fs.fed.us Phone 209-532-3671ext 273
FAX: 209-533-1890

I. **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.)

A NO TREATMENT MAY BE CONTROVERSIAL AND MONITORING MAY BE JUSTIFIED TO DETERMINE IF TREATMENT IS STILL NECESSARY. IF FUNDING FOR MONITORING IS REQUESTED DESCRIBE HERE.

No monitoring funds are requested.

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

Line Items	Units	Cost	Units	SULT $	$	units	$	Units	$	$
A. Land Treatments										
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Land Treatments				$0	$0		$0		$0	$0
B. Channel Treatments										
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Channel Treat.				$0	$0		$0		$0	$0
C. Road and Trails										
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Road & Trails				$0	$0		$0		$0	$0
D. Structures										
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Structures				$0	$0		$0		$0	$0
E. BAER Evaluation										
				$0	$0		$3,110		$0	$3,110
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Evaluation				$0	$0		$3,110		$0	$3,110
F. Monitoring										
??????				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Monitoring				$0	$0		$0		$0	$0
G. Totals				**$0**	**$0**		**$3,110**		**$0**	**$3,110**

No Treatment, Fire Under 300 Acres

Forest Coordinator or Team Leader (signature)____Alex J. Janicki /s/
Date___9-09-06_____