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

Date of Report: 12/18/02

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
[**X**] 3. No Treatment Recommendation

B. Type of Action

[**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)

PART II - BURNED-AREA DESCRIPTION

A. Fire Name: **Sourgrass Complex** B. Fire Number: **CA-TCU-006171**

C. State: **California** D. County: **Calaveras**

E. Region: **Pacific Southwest (R5)** F. Forest: **Stanislaus**

G. District: **Calaveras**

H. Date Fire Started: **11/25/02** I. Date Fire Contained: **11/30/02**

J. Suppression Cost: **$845,000.00**

K. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): **3.0 (est.)**
2. Fireline seeded (miles): **0.0**
3. Other (identify): **Sorted and piled slash on fireline, Blocked Maint. Level 5 Roads, Cleaned culverts, blocked fireline access to OHV.**

L. Watershed Number: **North Fork Stanislaus River 1804001001**

M. Total Acres Burned: **799**
NFS Acres(**430**) Other Federal ( ) State ( ) Private (**369**)

N. Vegetation Types: **Mixed Conifer and Ponderosa Pine Forest Types**

O. Dominant Soils: **Gerle deep, Wintoner, Windy deep-moderately deep, Inville deep-moderately deep families.**

P. Geologic Types: **Pliocene volcanic pyroclastic rocks**

Q. Miles of Stream Channels by Order or Class: **Order I (ephemeral) approximately 1.5 miles**

R. Transportation System

Trails: **0** miles Roads: **2.5 (est.)** miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): **600** (low) **199** (moderate) **0** (high)

B. Water-Repellent Soil (acres): **Fire Induced = 0**

C. Soil Erosion Hazard Rating (acres):
0 (low) **799** (moderate) **0** (high)

D. Erosion Potential: **0.5** tons/acre

E. Sediment Potential: **320** 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 exists as the result of this fire escape from private land. Because the eastern edge of the fire is adjacent to the head of the Dorrington landslide of 1997, the Forest's shared services resource Geologist has been requested to visit this site as part of the non-emergency FY2003 Program of Work.

B. Emergency Treatment Objectives:

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:

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

Team Leader: **Rob Griffith**

Email: **rgriffith@fs.fed.us**

Phone: **209 795-1381 ext 314**
FAX: **209 795-6849**

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.)

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
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		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Evaluation				$0	$0		$0		$0	$0
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**		**$0**		**$0**	**$0**

PART VII - APPROVALS

1. _____ _____
GLENN J. GOTTSCHALL Date
Acting Forest Supervisor

2. _____ _____
Regional Forester (signature) Date