

Date of Report:
Sept. 15, 2003

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: Dome Complex (comprised of 16 fires of which the the Timber and Yellow fire were of reportable size) B. Fire Number: CAMDf 000749
715 (Timber) 729 (Yellow)

C. State: CA

D. County: Modoc and Siskiyou counties

E. Region: 05

F. Forest: Modoc National Forest

G. District: Doublehead RD

H. Date Fire Started: Sept. 5, 2003

I. Date Fire Contained: Sept. 9, 2003

J. Suppression Cost: \$600,000 for entire Dome Complex.

K. Fire Suppression Damages Repaired with Suppression Funds

- 1. Fireline waterbarred (miles): 0
- 2. Fireline seeded (miles): 0
- 3. Other (identify): 3 miles of burm pulled back in on Timbers
0.5 miles burm pulled on Yellow

L. Watershed Number: Yellow: 180102410; Timbers: 1802000210

M. Total Acres Burned: 867 acres (313 Timber) and (554 Yellow)
NFS Acres(x) Other Federal () State () Private ()

N. Vegetation Types: Western Juniper, sagebrush, rabbitbrush, bitterbrush, Idaho fescue and few Ponderosa pines

O. Dominant Soils: Timber Fire: Pass Canyon, Elmore, Germany, Lithic Xerumbrepts, Lava flows
Yellow Fire: Bakeoven, rock outcrop; lava flow; Lithic Xerothents, mesic

P. Geologic Types: Volcanic Basalts/lava flows

Q. Miles of Stream Channels by Order or Class: Lava beds and closed basins no obvious channels observed.

R. Transportation System

Trails: 0 miles Roads: 1.9 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): **Timber** 157 (low) 94 (moderate) 16 (high) 46 unburned
Yellow 305 (low) 83 (moderate) 28 (high) 138 unburned

B. Water-Repellent Soil (acres): **Timber: 12 acres; Yellow 18 acres: Total 30 acres**

C. Soil Erosion Hazard Rating (acres):
Timber: 238 (low) 75 (moderate) 0 (high)
Yellow: 194 (low) 360 (moderate) 0 (high)

D. Erosion Potential: 0.25 tons/acre

E. Sediment Potential: 0 cubic yards / square mile **(no potential for sediment off site)**

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, both fires were in extremely low slope land areas with minimum vegetative cover, and large amounts of exposed basalts. The Yellow fire was in a lava flow area with a high degree of exposed rock. Fire was very spotty and any runoff will accumulate in collapsed lava tubes and closed basins. No structures, roads, power lines railroad tracks or other infrastructure are at risk from flooding or debris flows.**

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:

<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 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: Randall J. Gould

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Phone: 707-562-8956

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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:

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

			NFS Lands					Other Lands			All
		Unit	# of	WFSU	Other		# of	Fed	# of	Non Fed	Total
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											
Baer Team Assessment				\$2,970	\$0			\$0		\$0	\$2,970
includes salary, travel and vehicle costs.				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Evaluation				\$2,970	\$0			\$0		\$0	\$2,970
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				\$2,970	\$0			\$0		\$0	\$2,970

PART VII - APPROVALS

1. /s/Stanley G. Sylva
Forest Supervisor (signature)

9/17/03
Date

2. _____
Regional Forester (signature)

Date