

Date of Report: July 31, 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 DESCRIPTIONA. Fire Name: BoltB. Fire Number: CO-SUA-134C. State: ColoradoD. County: ArchuletaE. Region: 2F. Forest: San JuanG. District: PagosaH. Date Fire Started: July 15, 2003I. Date Fire Contained: July 26, 2003J. Suppression Cost: \$1.8 million

K. Fire Suppression Damages Repaired with Suppression Funds

- 1. Fireline waterbarred (miles): Not known at this time
- 2. Fireline seeded (miles): 0
- 3. Other (identify):

L. Watershed Number: 1408010206 Lower Stollsteimer, 1408010108 Cat CreekM. Total Acres Burned: 2160NFS Acres (**546**) Other Federal (**1301**) State (**0**) Private (**313**)N. Vegetation Types: Ponderosa Pine, mountain shrub, mixed coniferO. Dominant Soils: Carracas LoamP. Geologic Types: Lewis Shale, Kirtland, Fruitland, Pictured Cliffs and Animas Formations

Q. Miles of Stream Channels by Order or Class: NA

R. Transportation System

Trails: NA miles Roads: NA miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 412 (low) 0 (moderate) 134 (high)

B. Water-Repellent Soil (acres): 134

C. Soil Erosion Hazard Rating (acres):
412 (low) 0 (moderate) 134 (high)

D. Erosion Potential: high burn severity - 25 tons/acre

E. Sediment Potential: 65,324 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 1-5 years

B. Design Chance of Success, (percent): NA

C. Equivalent Design Recurrence Interval, (years): NA

D. Design Storm Duration, (hours): NA

E. Design Storm Magnitude, (inches):

F. Design Flow, (cubic feet / second/ square mile): NA

G. Estimated Reduction in Infiltration, (percent): NA

H. Adjusted Design Flow, (cfs per square mile): NA

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency:

See attached soil and watershed resource assessment. Localized increased runoff and erosion is expected in high burn severity areas. No values at risk should be impacted by this runoff and erosion.

B. Emergency Treatment Objectives:

None

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 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	

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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 Analysis and Report Preparation				\$800	\$0			\$0		\$0	\$800
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Evaluation				\$800	\$0			\$0		\$0	\$800
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				\$800	\$0			\$0		\$0	\$800

PART VII - APPROVALS

1. /s/ Mark W. Stiles
Forest Supervisor (signature)

8/1/03
Date

2. _____
Regional Forester (signature)

Date