

Date of Report: August 6, 2000

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: TwinB. Fire Number: ID-SCF-1000C. State: IDD. County: LemhiE. Region: 04F. Forest: Salmon-ChallisG. District: North ForkH. Date Fire Started: 7-23-2000I. Date Fire Controlled: UnknownJ. Suppression Cost: \$5,415,000

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): 1
2. Fireline seeded (miles): 0
3. Other (identify):

L. Watershed Number: 170602030507M. Total Acres Burned: 458

NFS Acres(458) Other Federal () State () Private ()

N. Vegetation Types: Grouse whortleberry, beargrass, lodgepole pine, Douglas-fir, subalpine firO. Dominant Soils: Sandy loamsP. Geologic Types: Granites and minor amounts of quartzites

Q. Miles of Stream Channels by Order or Class: 1.25 miles of perennial flow

R. Transportation System

Trails: 0 miles Roads: 0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 273 (low and unburned/rock outcrop) 115 (moderate) 70 (high)

B. Water-Repellent Soil (acres): 90

C. Soil Erosion Hazard Rating (acres):
308 (low) 50 (moderate) 100 (high)

D. Erosion Potential: 2 tons/acre

E. Sediment Potential: 4 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 2

B. Design Chance of Success, (percent): 90

C. Equivalent Design Recurrence Interval, (years): 10

D. Design Storm Duration, (hours): 24

E. Design Storm Magnitude, (inches): 2

F. Design Flow, (cubic feet / second/ square mile): 46

G. Estimated Reduction in Infiltration, (percent): 1

H. Adjusted Design Flow, (cfs per square mile): 47

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency:

The burn is in the headwaters of a small tributary to the West Fork North Fork Salmon River. Field assessment resulted in the identification of areas of moderate to high severity burn. However, no significant effects on long-term soil productivity are expected. Areas that exhibit water repellency were also identified. However, it is believed this condition is due more to surface tension created by extremely dry soils and it will disappear during fall precipitation input and next springs snowmelt. As a result, soil erosion and sediment delivery are expected to be minor. Due to the small acreage that was burned and minor effects on infiltration and percolation, no significant changes in stormflow are expected either.

In summary, no watershed emergency exists.

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): \$0

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 checked="" 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: Greg Bevenger, Hydrologist
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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:

None

Channel Treatments:

None

Roads and Trail Treatments:

None

Structures:

None

H. 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.)

None

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				\$0		\$0	\$0
Subtotal Land Treatments				\$0				\$0		\$0	\$0
B. Channel Treatments											
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
Subtotal Channel Treat.				\$0				\$0		\$0	\$0
C. Road and Trails											
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
Subtotal Road & Trails				\$0				\$0		\$0	\$0
D. Structures											
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
Subtotal Structures				\$0				\$0		\$0	\$0
E. BAER Evaluation											
				\$0	\$1,000			\$0		\$0	\$0
				\$0				\$0		\$0	\$0
G. Monitoring Cost				\$0				\$0		\$0	\$0
H. Totals				\$0	\$1,000			\$0		\$0	\$0

PART VII - APPROVALS

1. /s/ George Matejko
Forest Supervisor (signature)

August 7, 2000
Date

2. _____
Regional Forester (signature)

August 7, 2000
Date