

Date of Report: 02-03-03

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: BMGB. Fire Number: C. State: New MexicoD. County: Rio ArribaE. Region: R3F. Forest: 10G. District: 02H. Date Fire Started: 6/17/2002I. Date Fire Controlled: 6/20/2002J. Suppression Cost: \$180,000

- K. Fire Suppression Damages Repaired with Suppression Funds
- 1. Fireline waterbarred (miles): 0
 - 2. Fireline seeded (miles): 0
 - 3. Other (identify):

L. Watershed Number: 1302010204M. Total Acres Burned: 480

NFS Acres(400) Other Federal () State () Private (80)

N. Vegetation Types: Pipos/ArtrO. Dominant Soils: Typic EutroboralfsP. Geologic Types: Mesa Verde Sandstone

Q. Miles of Stream Channels by Order or Class: .5 miles order 2 3 miles order 1.

R. Transportation System

Trails: 0 miles Roads: 3 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 140 (low) 300 (moderate) 40 (high)

B. Water-Repellent Soil (acres): 60

C. Soil Erosion Hazard Rating (acres):
____ (low) 300 (moderate) 180 (high)

D. Erosion Potential: ____ tons/acre

E. Sediment Potential: ____ cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

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

B. Design Chance of Success, (percent): 80

C. Equivalent Design Recurrence Interval, (years): 25

D. Design Storm Duration, (hours): 1

E. Design Storm Magnitude, (inches): 1.8

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 following the BMG fire. The area is gently rolling with some low hills and scattered steep terrain. Soils are deep sandy loams with a fine loamy subsoil that should provide rapid (>2 inches per hour hydraulic conductivity) which is greater than the designed storm for the area. Off site concerns are limited and no adverse effects are anticipated as the terrain and soil conditions favor control of overland flow from the fire area and no structures are threatened.

B. Emergency Treatment Objectives: Provide cover to limited areas. District will consider treating 9 acres of local concern which comprises the the upper third of the major area of high severity burn.

C. Probability of Completing Treatment Prior to First Major Damage-Producing Storm: N/A

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 type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range	<input type="checkbox"/>
<input type="checkbox"/> Forestry	<input type="checkbox"/> Wildlife	<input checked="" 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: Non emergency treatments to improve surface cover may be applied which would include seeding the 9 acre designated unit with 10# per acre of Santa Fe mix and applying certified weed free straw by hand to the surface.

Channel Treatments:

Roads and Trail Treatments: Water bar and seed .5 miles of road to effectively close the road.

Structures:

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.)

Not planning direct monitoring following the wildfire.

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

			NFS Lands				Other Lands			All	
		Unit	# of	WFSU	NFVW		# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	SULT \$	\$		units	\$	Units	\$	\$
A. Land Treatments											
hand seeding	acres	222.22	9	\$0	2000			\$0		\$0	\$0
mulching	acres	250	9	\$0	2250			\$0			
straw	acres	500	9	\$0	4500			\$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											
waterbar closuer				\$0	250			\$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											
Assessment Team				\$988				\$0		\$0	\$988
				\$0				\$0		\$0	\$0
G. Monitoring Cost				\$0				\$0		\$0	\$0
H. Totals				\$988	\$9,000			\$0		\$0	\$988

PART VII - APPROVALS

1. _____
Forest Supervisor (signature)

Date

2. _____
Regional Forester (signature)

Date