

Date of Report: 29 July 2006

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST****A. Type of Report**

- ☐ 1. Funding request for estimated emergency stabilization funds
☐ 2. Accomplishment Report
☒ 3. No Treatment Recommendation

B. Type of Action

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible stabilization 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:** South Powell #1 **B. Fire Number:** AR-OUF-006397
C. State: AR **D. County:** Garland
E. Region: 8 **F. Forest:** Ouachita NF
G. District: Jessieville RD **H. Fire Incident Job Code:** P8COEP
I. Date Fire Started: 20 July 2006 **J. Date Fire Contained:** 24 July 2006
K. Suppression Cost: \$ approximately \$50,000
L. Fire Suppression Damages Repaired with Suppression Funds
 1. Fireline waterbarred (miles): 2
 2. Fireline seeded (miles): 1
 3. Other (identify):
M. Watershed Number: 80401010503
N. Total Acres Burned:
 ☒ 475] NFS Acres ☐ Other Federal ☐ State ☐ Private
O. Vegetation Types: shortleaf pine/pine-hardwood

P. Dominant Soils: Shallow to deep loamy-skeletal, fine-loamy and clayey Dystrudepts, Hapludults and Paleudults on strongly sloping to very steep mountain uplands. Elevations range from about 800 to 1,500 feet above mean sea level.

Q. Geologic Types: Stanley Shale

R. Miles of Stream Channels by Order or Class: 2.2 miles 3rd Order; 4 miles 1st and 2nd Order.

S. Transportation System

Trails: 0 miles

Roads: 2 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 330 (low) 115 (moderate) 30 (high)

B. Water-Repellent Soil (acres): 125

C. Soil Erosion Hazard Rating (acres): 75 (low) 350 (moderate) 50 (high)

D. Erosion Potential: 1.8 tons/acre

E. Sediment Potential: 225 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS (This section not completed as no treatments are planned)

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

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

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

D. Design Storm Duration, (hours): XXX

E. Design Storm Magnitude, (inches): XXX

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

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

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

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats (narrative): The watershed area that burned drains into Big Branch which then drains into the lower North Fork of the Ouachita River and eventually into Lake Ouachita (which is located about 5 miles South of the fire). Over 90% of the post burn area still contains a forest floor of ½ inch thick or greater. The wildfire resulted in only a slight temporary detrimental effect on soil stability and overall watershed integrity. The watershed remains stable and there are no downstream dwellings or other downstream values at risk that could be adversely impacted. In my opinion no watershed emergency exists.

B. Emergency Treatment Objectives (narrative): None. No emergency treatments are planned.

C. Probability of Completing Treatment Prior to Damaging Storm or Event: n/a

Land n/a Channel n/a Roads/Trails n/a Protection/Safety n/a

D. Probability of Treatment Success n/a

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads/Trails			
Protection/Safety			

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"/> Forestry	<input type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input type="checkbox"/> Botany	<input type="checkbox"/> Archaeology
<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: none.

Channel Treatments: none.

Roads and Trail Treatments: none.

Protection/Safety Treatments: none.

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.)

No monitoring will be conducted with BAER treatment funds.

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

Part IV - Emergency Stabilization Treatments and Closure of Lands											
			NFS Lands				Other Lands			All	
		Unit	# of		Other		# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	BAER \$	\$		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. Protection/Safety											
				\$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											
Salary				\$500				\$0		\$0	\$0
Insert new items above this line!				---	\$0			\$0		\$0	\$0
Subtotal Evaluation				\$500	\$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
Previously approved				\$0							
Total for this request				\$500							

PART VII - APPROVALS

1. /s/ Bill Pell (for) NORMAN L. WAGONER 08/02/2006
Forest Supervisor (signature) Date

2. _____
Regional Forester (signature) Date