

Date of Report: 30 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:** McKay Fire **B. Fire Number:** AR-OUF-006389
C. State: OK **D. County:** McCurtain
E. Region: 8 **F. Forest:** Ouachita NF
G. District: Oklahoma RD **H. Fire Incident Job Code:** P8COEL
I. Date Fire Started: 24 July 2006 **J. Date Fire Contained:** 24 July 2006
K. Suppression Cost: \$ 10,000
L. Fire Suppression Damages Repaired with Suppression Funds
 1. Fireline waterbarred (miles): 0
 2. Fireline seeded (miles): 0
 3. Other (identify):
M. Watershed Number: 111401080505
N. Total Acres Burned: 825 acres - Estimate only
 [425] NFS Acres [] Other Federal [100] State [300] 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: Jackfork Sandstone and Stanley Shale

R. Miles of Stream Channels by Order or Class: 0.5 miles 3rd Order; 3 miles 1st and 2nd Order.

S. Transportation System

Trails: 0 miles

Roads: 0.5 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 700 (low) 125 (moderate) 0 (high)

B. Water-Repellent Soil (acres): 50

C. Soil Erosion Hazard Rating (acres): 90 (low) 375 (moderate) 360 (high)

D. Erosion Potential: 2.0 tons/acre

E. Sediment Potential: 250 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 is basically on a peninsula surrounded by Broken Bow Lake and Cane Creek to the northeast. All runoff from this burn area drains directly into Broken Bow Lake or to Cane Creek then into the Lake. The eastern end of the fire is in the McCurtain County Wilderness and burned approximately 100 acres of the Wilderness. The remainder of the fire burned FS land and private land to the west of the Wilderness boundary. There are no dwellings at risk. Broken Bow Lake serves as a municipal water source and fishery, in addition to recreation and flood control. The burn was of light to moderate intensity with nearly the entire forest floor being ½ inch thick or greater post-burn. Other than for only minor amounts of sediment and ash which are expected to impact the Lake, the watershed remains stable. 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