USDA-FOREST SERVICE FS-2500-8 (6/06)

Date of Report: 5/23/2008

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
- [X] 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
- [X] 3. Final Report (Following completion of work)

PART II - BURNED-AREA DESCRIPTION

A. Fire Name: X

B. Fire Number: ANKNF-141

C. State: Arizona

D. County: Coconino

E. Region: 3

F. Forest: Kaibab

G. District: Tusayan

H. Fire Incident Job Code: P3D58W

I. Date Fire Started: 4/29/2008

J. Date Fire Contained: 5/02/2008

K. Suppression Cost: $450,000

L. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): 0.5 ; only fireline with slope over 3% was waterbarred.
2. Fireline seeded (miles): 0.5; only fireline seeded was done near roads.
3. Other (identify): all constructed fire line, 12.5 miles, was rehabed with hand tools or a dozer.

M. Watershed Number: 1501000408

N. Total Acres Burned: 2048 NFS Acres (**1958**) Other Federal (**0**) State (**0**) Private (**90**)

O. Vegetation Types: Ponderosa Pine/Oak/Sagebrush

P. Dominant Soils: 290, 275, 265, 283, 9

Q. Geologic Types: Limestone, sandstone, mixed sedimentary, alluvium

R. Miles of Stream Channels by Order or Class: 0

S. Transportation System: Trails: 0 miles Roads: 1 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 1873 (low) 100 (moderate) 75 (high): high severity occurred in 5 locations with <3% slope, moderate severity surrounds high severity.

B. Water-Repellent Soil (acres): 75 occurred in high severity soil areas, but 0-3% slopes.

C. Soil Erosion Hazard Rating (acres): X (low) ___ (moderate) ___ (high)

D. Erosion Potential: 4.3 tons/ha.

E. Sediment Potential: sediment should remain on-site because of flat topography, no large areas of high severity areas, coarse woody debris not fully consumed in the fire area, and stock tanks are located in the small drainages if sediment loads are larger then anticpated (they would act as sediment traps).

PART IV - HYDROLOGIC DESIGN FACTORS

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

B. Design Chance of Success, (percent): N/A

C. Equivalent Design Recurrence Interval, (years): N/A

D. Design Storm Duration, (hours): N/A

E. Design Storm Magnitude, (inches): N/A

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

G. Estimated Reduction in Infiltration, (percent): N/A

H. Adjusted Design Flow, (cfs per square mile): N/A

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats: N/A

B. Emergency Treatment Objectives: N/A

C. Probability of Completing Treatment Prior to Damaging Storm or Event: N/A

Land __ % Channel ___ % Roads/Trails ___ % Protection/Safety ___ %

D. Probability of Treatment Success

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

E. Cost of No-Action (Including Loss): None

F. Cost of Selected Alternative (Including Loss): **0**

G. Skills Represented on Burned-Area Survey Team:

[**x**] Hydrology	[**x**] Soils	[ ] Geology	[X] Range
[x] Forestry	[ ] Wildlife	[ ] Fire Mgmt.	[ ] Engineering
[ ] Contracting	[ ] Ecology	[ ] Botany	[ ] Archaeology
[ ] Fisheries	[ ] Research	[ ] Landscape Arch	[ ] 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.)

No emergency treatment are currently needed on the X Fire because of several factors: 1) flat topography, 2) no large areas of high severity areas, 3) coarse woody debris not fully consumed in the fire area, 4) stock tanks are located in the small drainages if sediment loads are larger then anticpated (they would act as sediment traps), 5) no known noxious weeds in the area (from past and current weed surveys), 6) little private lands impacts. However, the fire area will be monitored for possible future treatments.

Land Treatments:

N/A

Channel Treatments:

N/A

Roads and Trail Treatments:

N/A

Protection/Safety Treatments:

N/A

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.)

Patrol after monsoon storms and snowmelt to ensure that:
1) no eroison problems occur,
2) no noxious weeds have been estiblished,
3) no new hazard trees develop, and
4) stock tanks do not fill-in with sediment.

PART VII - APPROVALS

1. /s/ Edward Arementa — 5/29/08
   Forest Supervisor (signature) — Date

Part VI – Emergency Stabilization Treatments and Source of Funds Interim

			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
Subtotal Land Treatments				$0	$0		$0		$0	$0
B. Channel Treatments										
				$0	$0		$0		$0	$0
Subtotal Channel Treat.				$0	$0		$0		$0	$0
C. Road and Trails										
				$0	$0		$0		$0	$0
Subtotal Road & Trails				$0	$0		$0		$0	$0
D. Protection/Safety										
				$0	$0		$0		$0	$0
Subtotal Structures				$0	$0		$0		$0	$0
E. BAER Evaluation										
				---			$0		$0	$0
Subtotal Evaluation				---	$0		$0		$0	$0
F. Monitoring										
				$0	$0		$0		$0	$0
Subtotal Monitoring				$0	$0		$0		$0	$0
G. Totals				$0	$0		**$0**		**$0**	**$0**
Previously approved										
Total for this request				**$0**						