

Date of Report:

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 DESCRIPTIONA. Fire Name: KnifeB. Fire Number: AZ-COF-061C. State: AZD. County: CoconinoE. Region: 3F. Forest: CoconinoG. District: PeaksH. Fire Incident Job Code: P3CM0SI. Date Fire Started: May 27, 2006J. Date Fire Contained: May 31, 2006K. Suppression Cost: Unknown

L. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles):
2. Fireline seeded (miles): approximately 4 miles
3. Other (identify):

M. Watershed Number: 1502001503N. Total Acres Burned: 560

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

O. Vegetation Types: Pinyon-Juniper- Blue Grama

P. Dominant Soils: Terrestrial Ecosystem Survey map units 437, 491 and 435. Lithic and Calcic Ustochrepts and Typic Haplustalfs, loamy-skeletal, mixed, mesic, cobbly, gravelly and very cobbly sandy loams.

Q. Geologic Types: Kaibab limestone residuum

R. Miles of Stream Channels by Order or Class: 1.25 miles

S. Transportation System

Trails: 0 miles Roads: 3.25 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 117 (low) trace (moderate) 443 (high)

B. Water-Repellent Soil (acres): 443

C. Soil Erosion Hazard Rating (acres):
* 443 (low) (moderate) 117 (high)

* soils include areas of moderate erosion hazard.

D. Erosion Potential: 12,433 tons/acre

E. Sediment Potential: 1685 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years):

B. Design Chance of Success, (percent):

C. Equivalent Design Recurrence Interval, (years):

D. Design Storm Duration, (hours):

E. Design Storm Magnitude, (inches):

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 Critical Values/Resources and Threats:

The BAER team conducted on the ground assessment and determined that there are no critical values (life, property and resources) at risk and therefore did not identify this fire as a watershed emergency in need of emergency stabilization treatments. No property, dwellings or structures are located downstream of the fire and no impaired waters, riparian area or threatened fisheries are located downstream adjacent to or within the channel.

The majority of the fire burned on relatively flat slopes and on soils with low erosion hazard. Many places burned in a mosaic of burned and unburned patches leaving some vegetative buffer to slow down any accelerated surface water flow. Accelerated erosion will occur should not significantly threaten long-term soil productivity or wildlife habitat. In addition, the extent and small amount of acres burned in the high severity class (443) should not significantly adversely affect resource productivity. Accelerated erosion and water flow is not expected to threaten archaeological sites because the field houses present are located on fairly stable (flat soils) and have already previously burned. No archaeological sites are identified on the national register although they may be eligible.

B. Emergency Treatment Objectives:

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

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):

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

☒ Hydrology ☒ Soils ☐ Geology ☐ Range ☐
☐ 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.)

Land Treatments:

Channel Treatments:

Roads and Trail Treatments:

Protection/Safety Treatments:

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.)

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

Line Items	Units	Unit Cost	NFS Lands		Other \$	Other Lands				All Total \$
			# of Units	BAER \$		# of units	Fed \$	# of Units	Non Fed \$	
A. Land Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Land Treatments</i>				\$0	\$0		\$0		\$0	\$0
B. Channel Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Channel Treat.</i>				\$0	\$0		\$0		\$0	\$0
C. Road and Trails										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Road & Trails</i>				\$0	\$0		\$0		\$0	\$0
D. Protection/Safety										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Structures</i>				\$0	\$0		\$0		\$0	\$0
E. BAER Evaluation										
		362	3				\$0		\$0	\$0
<i>Insert new items above this line!</i>					\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>					\$1,086		\$0		\$0	\$0
F. Monitoring										
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Monitoring</i>				\$0	\$0		\$0		\$0	\$0
G. Totals				\$0	\$1,086		\$0		\$0	\$0
Previously approved										
Total for this request				\$0						

PART VII - APPROVALS

 1. _____
 Forest Supervisor (signature)

 Date

 2. _____
 Regional Forester (signature)

 Date