

Date of Report: 7/24/05

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: Two BarB. Fire Number: AZ-TNF-?C. State: AZD. County: GilaE. Region: 3F. Forest: TontoG. District: Tonto BasinH. Date Fire Started: 07/18/2005I. Date Fire Contained: 07/25/2005J. Suppression Cost: 0

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

L. Watershed Number: 1506010307

M. Total Acres Burned: 2100
NFS Acres(2100) Other Federal () State () Private ()

N. Vegetation Types: ChaparralO. Dominant Soils: Typic HaplustalfsP. Geologic Types: Granite, PreCambrian sediments

Q. Miles of Stream Channels by Order or Class:

R. Transportation System

Trails: 0 miles Roads: 0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): ____ (low) ____ (moderate) ____ (high)

B. Water-Repellent Soil (acres):

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

D. Erosion Potential: ____ tons/acre

E. Sediment Potential: ____ 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 Watershed Emergency:

No known emergency conditions exist that can be effectively treated.

The Two Bar fire burned approximately 2,100 acres. All of the fire is located within the Superstition Wilderness. The entire burned area drains into Campaign Creek. There is a short reach of Campaign Creek that contains native fish- Gila topminnow and longfin dace- but a large section of Campaign Creek lies above this reach and should provide refugia habitat for recolonization if populations of these fish in reaches below the burned area are affected by the fire.

A short section of FR 449A passes below the burned area but does not appear to be significantly threatened by runoff from the burned area.

Private land at the Cross P ranch lies downstream along Campaign Creek but flood risk does not appear to be significantly increased by runoff from the burned area.

There are three known heritage resource sites within the burn. All are prehistoric masonry compounds and

located on level or gently sloping ground. They do not appear to be threatened by runoff from the fire.

B. Emergency Treatment Objectives:

No treatments are recommended.

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

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):

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

<input type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input 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 checked="" type="checkbox"/> Ecology	<input type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology	<input type="checkbox"/>
<input checked="" type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input type="checkbox"/> GIS	

Team Leader: Grant Loomis

Email: gjloomis@fs.fed.us

Phone: 602-225-5253

FAX: 602-225-5295

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:

Structures:

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 Rehabilitation Treatments and Source of Funds by Land Ownership

			NFS Lands				Other Lands				All
		Unit	# of	WFSU	Other		# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	SULT \$	\$		units	\$	Units	\$	\$
A. Land Treatments											
				\$0				\$0		\$0	\$0
				\$0				\$0			
				\$0				\$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											
				\$0				\$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											
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
				\$0				\$0		\$0	\$0
G. Totals				\$0				\$0		\$0	\$0

PART VII - APPROVALS

1. /s/ Tom Klabunde _____
for Forest Supervisor (signature)

8/1/05 _____
Date

2. _____
Regional Forester (signature)

Date