USDA-FOREST SERVICE FS-2500-8 (7/00)

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
[X] 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

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

PART II - BURNED-AREA DESCRIPTION

A. Fire Name: Salome

B. Fire Number: AZ-TNF-140

C. State: AZ

D. County: Gila

E. Region: 3

F. Forest: Tonto NF

G. District: Tonto Basin

H. Date Fire Started: 7/17/2005

I. Date Fire Contained: 7/25/2005

J. Suppression Cost: $300,000

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

L. Watershed Number: 1506010504

M. Total Acres Burned: 440
NFS Acres(440) Other Federal ( ) State ( ) Private ( )

N. Vegetation Types: Juniper grassland, chaparral

O. Dominant Soils: Typic Haplustalfs

P. Geologic Types: Apache Group, diabase

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:

Emergency conditions that can be effectively treated do not exist. The fire burned with primarily light intensity with some moderate intensity on north facing chaparral covered slopes. The burned area lies primarily within the Greenback Creek watershed. A small portion drains to Oak Creek. Both Greenback and Oak Creek are tributaries to Tonto Creek above Roosevelt Lake. Private lands in Greenback Valley exist below a portion of the burned area. These lands are not at risk from runoff or erosion from the burned area. Forest Roads 71 and 1417 lie below the burned area and are crossed by channels draining the burned area. Forest Road 71 is a level 3, county maintained road that crosses the channel draining the burned area on a bedrock controlled channel reach. The small increase in runoff and sediment expected from the burned area above this crossing and the stability of the crossing result in little expected risk to the road. Forest Road 1417 is a primitive unmaintained road that is also crossed by channels draining the burned area. The small increases in runoff

and sediment expected from the burned area may cause some problems where the channels cross the road but not sufficient to warrant emergency treatment. No known National Register eligible cultural resource sites exist within the burned area. Native fish (longfin dace) exist in Greenback Creek. This species is a hardy species that may survive a decline in water quality derived from ash and sediment from the burned area. The primarily low burn severity results to a low risk to fish inhabiting the creek. Effective treatments to prevent water quality impacts to the creek would be costly and are not warranted.

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:

[X] Hydrology	[X] Soils	[ ] Geology	[ ] Range	[ ]
[ ] Forestry	[ ] Wildlife	[X] Fire Mgmt.	[ ] Engineering	[ ]
[ ] Contracting	[X] Ecology	[ ] Botany	[X] Archaeology	[ ]
[X] 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:

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

Line Items	Units	Unit Cost	# of Units	WFSU SULT $	Other $	# of units	Fed $	# of Units	Non Fed $	Total $
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. Structures										
				$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										
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Evaluation				$0	$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**

PART VII - APPROVALS

1. /s/ Tom Klabunde 8/1/05
   for Forest Supervisor (signature) Date

2. _____ _____
   Regional Forester (signature) Date