

Date of Report: June 29, 2005

**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 DESCRIPTION**

- A. Fire Name: Cottonwood
- B. Fire Number: AZ-CNF-000120
- C. State: Arizona
- D. County: Pima
- E. Region: 3
- F. Forest: Coronado
- G. District: Santa Catalina
- H. Date Fire Started: June 21, 2005
- I. Date Fire Contained: June 23, 2005
- J. Suppression Cost: \_\_\_\_\_
- K. Fire Suppression Damages Repaired with Suppression Funds
  - 1. Fireline waterbarred (miles): \_\_\_\_\_
  - 2. Fireline seeded (miles): 0
  - 3. Other (identify): \_\_\_\_\_
- L. Watershed Number: 1505030109
- M. Total Acres Burned: \_\_\_\_\_  
NFS Acres(345 ) Other Federal ( ) State ( ) Private ( 1 )
- N. Vegetation Types: desert grassland
- O. Dominant Soils: Ustochreptic Camorthids
- P. Geologic Types: Granite

Q. Miles of Stream Channels by Order or Class: 2.4 miles of first order streams.

R. Transportation System

Trails: 0 miles      Roads: 0 miles

### **PART III - WATERSHED CONDITION**

A. Burn Severity (acres): \_\_\_\_\_ (low) 345 (moderate) \_\_\_\_ (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres):  
345 (low) \_\_\_\_\_ (moderate) \_\_\_\_ (high)

D. Erosion Potential: 2.17 tons/acre

E. Sediment Potential: 930 cubic yards / square mile

### **PART IV - HYDROLOGIC DESIGN FACTORS**

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

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):

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 Watershed Emergency: No emergency.

B. Emergency Treatment Objectives: None

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

Land n/a % Channel n/a % Roads n/a % Other n/a %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads			
Other			

E. Cost of No-Action (Including Loss): n/a

F. Cost of Selected Alternative (Including Loss): n/a

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input type="checkbox"/> Range	<input type="checkbox"/>
<input type="checkbox"/> Forestry	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering	<input type="checkbox"/>
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input type="checkbox"/> Botany	<input type="checkbox"/> Archaeology	<input type="checkbox"/>
<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: n/a

Channel Treatments: n/a

Roads and Trail Treatments: n/a

Structures: 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.)

Monitoring will be done as part of our Forest Plan and Range Allotment monitoring.

**Part VI – Emergency Rehabilitation Treatments and Source of Funds by Land Ownership**

Line Items	Units	Unit Cost	NFS Lands		Other \$	Other Lands				All Total \$
			# of Units	WFSU SULT \$		# of units	Fed \$	# of Units	Non Fed \$	
<b>A. Land Treatments</b>										
				\$0			\$0		\$0	\$0
				\$0			\$0			
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Land Treatments</i>				\$0			\$0		\$0	\$0
<b>B. Channel Treatments</b>										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Channel Treat.</i>				\$0			\$0		\$0	\$0
<b>C. Road and Trails</b>										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Road &amp; Trails</i>				\$0			\$0		\$0	\$0
<b>D. Structures</b>										
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
				\$0			\$0		\$0	\$0
<i>Subtotal Structures</i>				\$0			\$0		\$0	\$0
<b>E. BAER Evaluation</b>										
<b>Robert Lefevre</b>	days	353	1	\$353			\$0		\$0	\$353
		0	0	\$0			\$0		\$0	\$0
		0	0	\$0						
		0	0	\$0						
<b>F. Monitoring</b>				\$0			\$0		\$0	\$0

**PART VII - APPROVALS**

1. /s/ Jeanine A. Derby  
Forest Supervisor (signature)

6/30/2005  
Date

2. \_\_\_\_\_  
Regional Forester (signature)

\_\_\_\_\_  
Date