Date of Report: May 12, 2005

BURNED-AREA REPORT

(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report	
[] 1. Funding request for estimated WFSU-[] 2. Accomplishment Report[x] 3. No Treatment Recommendation	-SULT funds
B. Type of Action	
[] 1. Initial Request (Best estimate of funds	s needed to complete eligible rehabilitation measures)
[] 2. Interim Report [] Updating the initial funding request [] Status of accomplishments to date	based on more accurate site data or design analysis
[x] 3. Final Report (Following completion o	of work)
PART II - BUF	RNED-AREA DESCRIPTION
A. Fire Name: Sunday	B. Fire Number: AZ-CNF-044
C. State: Arizona	D. County: Cochise
E. Region: 3	F. Forest: Coronado
G. District: Sierra Vista	
H. Date Fire Started: May 8, 2005	I. Date Fire Contained: May 11, 2005
J. Suppression Cost: \$511,000	
 K. Fire Suppression Damages Repaired with Suppression Damages Repaired with Suppression Damages Repaired with Suppression 2. Fireline waterbarred (miles): about 2. Fireline seeded (miles): 0 3. Other (identify): 	
L. Watershed Number: 1505030101	
M. Total Acres Burned: NFS Acres(362) Other Federal () State	() Private (1)
N. Vegetation Types: grassland, mixed juniper-o	ak woodland, and Chihuahua pine
O. Dominant Soils: Typic Haplustalfs	
P. Geologic Types: Sedimentary hedrock a	and sodimentary denosits

	Miles of Stream Channels by Order or Class: 2.1 miles of first order streams, 0.8 miles of second order eams
R.	Transportation System
	Trails: 0 miles Roads: 0.8 miles
	PART III - WATERSHED CONDITION
A.	Burn Severity (acres): <u>182</u> (low) <u>181</u> (moderate) (high)
В.	Water-Repellent Soil (acres): 0
C.	Soil Erosion Hazard Rating (acres): (low)363 (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
В.	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):n/a
G.	Estimated Reduction in Infiltration, (percent):
Н.	Adjusted Design Flow, (cfs per square mile):n/a
	PART V - SUMMARY OF ANALYSIS
A.	Describe Watershed Emergency: No emergency. See attached letter.
В.	Emergency Treatment Objectives: None

C. Probability	v of Comple	ting Treatme	nt Prior to Firs	t Maior Dama	age-Producing	Storm
O. I TODADIII	y or corribic	unig incaunic		t iviajoi Dairie	igo i roddollig	Otomin

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:

[x] Hydrology	[] Soils	[] Geology	[x] Range	
[] Forestry	[] Wildlife	[] Fire Mgmt.	[] Engineering	[]
[] Contracting	[] Ecology	[] Botany	[] Archaeology	[]
[] Fisheries	[] Research	[] Landscape Ar	ch []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. We have riparian data from within the fire area that we can use to compare pre- and post-fire condtions.

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

			NFS La	nds		X		Other L	ands		All
		Unit	# of	WFSU	Other	X	# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	SULT \$	\$	8	units	\$	Units	\$	\$
						8					
A. Land Treatments						X					
				\$0		X		\$0		\$0	\$0
				\$0				\$0			
				\$0		X		\$0		\$0	\$0
				\$0		X		\$0		\$0	\$0
Subtotal Land Treatments				\$0		X		\$0		\$0	\$0
B. Channel Treatmen	its					X					
				\$0		X		\$0		\$0	\$0
				\$0		X		\$0		\$0	\$0
				\$0		X		\$0		\$0	\$0
				\$0		Š		\$0		\$0	\$0
Subtotal Channel Treat.				\$0		8		\$0		\$0	\$0
C. Road and Trails						8					
				\$0		8		\$0		\$0	\$0
				\$0		8		\$0		\$0	\$0
				\$0		8		\$0		\$0	\$0
				\$0		8		\$0		\$0	\$0
Subtotal Road & Trails				\$0		8		\$0		\$0	\$0
D. Structures						8				*	
				\$0		8		\$0		\$0	\$0
				\$0		8		\$0		\$0	\$0
				\$0		X		\$0		\$0	\$0
				\$0		X		\$0		\$0	\$0
Subtotal Structures				\$0		X		\$0		\$0	\$0
E. BAER Evaluation						X					
Robert Lefevre	days	353	1	\$353				\$0		\$0	\$353
		0	0	\$0		X		\$0		\$0	\$0
		0	0	\$0		X					·
		0	0	\$0		X					
				·		X					
F. Monitoring				\$0		X		\$0		\$0	\$0
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PART VII - APPROVALS

1.	Forest Supervisor	(signature)	Date
2.	Regional Forester	(signature)	Date