

Date of Report: 7/10/03

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: Cherry FireB. Fire Number: P37755C. State: AZD. County: YavapaiE. Region: 3F. Forest: Prescott National ForestG. District: VerdeH. Date Fire Started: June 17, 2003I. Date Fire Contained: June 20, 2003

J. Suppression Cost:

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): approximately 6
2. Fireline seeded (miles): 0
3. Other (identify):

L. Watershed Number: Agua Fria 1507010298 Camp Verde 1506020290M. Total Acres Burned:

NFS Acres (991) Other Federal () State () Private ()

N. Vegetation Types: chapparalO. Dominant Soils: Typic Haplustalfs, shallow, very cobbly, sandy loamP. Geologic Types: decomposed granite

Q. Miles of Stream Channels by Order or Class: none

R. Transportation System

Trails: .25 miles Roads: 3.4 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 86 (low) 81 (moderate) 824 (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres):
0 (low) 668 (moderate) 324 (high)

D. Erosion Potential: 7.2 tons/acre

E. Sediment Potential: 4591 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 1

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:

The Cherry Fire was the result of the Cherry Prescribed Fire getting outside of the treatment area boundaries. Approximately 4700 acres were burned as part of the prescribed fire. An additional 990 acres were burned to the north end of the treatment area when winds caused spot fires outside of the treatment area boundaries. The wildfire was burning within the prescription, but potentially threatened private property. We anticipate some erosion from the burned area as soils are loose decomposed granite. Natural erosion in this area is moderate to severe. Chaparral vegetation is expected to recover quickly following precipitation. No grass seeding is prescribed as the inherent potential for perennial grasses is low.

B. Emergency Treatment Objectives: Natural Recovery

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

Land ___ % Channel ___ % Roads 80 % Other ___ %

D. Probability of Treatment Success: NA

Years after Treatment			
	1	3	5
Land			
Channel			
Roads	80	n/a	n/a
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 checked="" type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range	<input type="checkbox"/>
<input type="checkbox"/> Forestry	<input type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input checked="" 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 type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" type="checkbox"/> GIS	

Team Leader: Dave Moore

Email: dmoore05.fs.fed.us

Phone: 928-777-2250

FAX: 928-777-2208

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: No land treatments are prescribed. An adjacent prescribed burn from October 2003 is already revegetated. Shrub species are 1-1.5 feet tall, and some grasses are present.

Channel Treatments: No perennial streams burned.

Roads and Trail Treatments:

Objective: Safety of forest visitors.

Treatment: Two signs warning of falling rocks and flood hazards of FR132.

Final Report: Two signs have been installed.

Structures: No structures.

Invasive Species: *Linnaria dalmatica* is known in the area. Site will be monitored for all invasive species.

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.)

The area will be monitored for invasive species. No BAER funds are requested for this work.

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	\$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											
Warning Signs	2	258	2	\$516	\$0			\$0		\$0	\$516
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Road & Trails				\$516	\$0			\$0		\$0	\$516
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											
				\$750	\$0			\$0		\$0	\$750
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Evaluation				\$750	\$0			\$0		\$0	\$750
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				\$1,266	\$0			\$0		\$0	\$1,266

PART VII - APPROVALS

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

Cherry Fire Burn Severity

