

Date of Report:

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: NailB. Fire Number: P3BOLQC. State: AZD. County: CoconinoE. Region: 03F. Forest: KaibabG. District: North Kaibab (03)H. Date Fire Started: 07/15/2005I. Date Fire Contained: 07/21/2005J. Suppression Cost: 1,300,000

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): 2.25
2. Fireline seeded (miles): 4.25
3. Other (identify): Straw Waddles adjacent to ephemeral drainage in Nail Canyon

L. Watershed Number: 1501000394M. Total Acres Burned: 750

NFS Acres(750) Other Federal () State () Private ()

N. Vegetation Types: Ponderosa pine/Gambels Oak, Pinyon pine/Utah Juniper, Ponderosa Pine/Pinyon PineO. Dominant Soils: Mollic Eutroboralfs, Typic Haplustalfs, Lithic UstochreptsP. Geologic Types: Kaibab Limestone

A. Describe Emergency: Though significant reductions in site productivity are not projected since the fire intensity was moderate to low on most of the area burned there is a high potential for the spread of bull thistle and cheatgrass without some level of treatment. While there were no bull thistle plants found within the fire area, adjacent to it on the western edge of the fire where it meets the 1996 Bridger Complex, numerous plants were observed. Cheatgrass was found in the burned area though the populations were small and the total area covered by this plant is estimated to be less than 5 acres. In contrast, the Bridger Fire had a high frequency of cheatgrass and numerous bull thistle plants inventoried. The potential exist for both bull thistle and cheatgrass to spread throughout the burned area and cause losses in wildlife and watershed conditions.

B. Emergency Treatment Objectives: Contain/control bull thistle adjacent to the western edge of the Nail Canyon Fire, eradicate bull thistle within the fire and monitor cheatgrass populations to assess if treatments are necessary at some future date. Control of bull thistle and cheatgrass using herbicides is consistent with the ROD for the integrated treatment of noxious and invasive weeds within the Coconino, Kaibab, and Prescott National Forests.

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

Land 50 % Channel NA % Roads NA % Other NA %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land	60	75	90
Channel			
Roads			
Other			

E. Cost of No-Action (Including Loss): NA

F. Cost of Selected Alternative (Including Loss): NA

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 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	

Team Leader: David G. Brewer

Email: dgbrewer @fs.fed.us

Phone: 928-635-8221

FAX: 928-635-8208

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: Using an integrated weed management strategy treat approximately 35 acres that is infested with bull thistle adjacent to the Nail Canyon Fire where it interfaces with the Bridger Fire. Total acres treated is estimated at 20 of which 80 percent will be herbicides and 20 percent manual. 2, 4-D will be applied at the rate of 2 pounds of active ingredient per acre in the fall of 2006 on rosettes by using either a back-pack sprayer or truck mounted boom. Follow-up treatments will occur as needed and will be paid by NFVW to reduce the potential of bull thistle invasion into the burned area. Cheatgrass will be monitored and treatments planned if populations begin to expand within the burn. A supplemental BAER report will be submitted to control cheatgrass if monitoring notes expansion of this plant.

Channel Treatments: NA

Roads and Trail Treatments: NA

Structures: NA

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 of treatments will be needed to assess the effectiveness of treatments on the contain/control objective for bull thistle between the Bridger Complex and the Nail Fire. A line-intercept will be employed to assess the treatment success and will be established in the fall 2006, when treatments occur and again in the spring of 2006. The treatment objective in the buffer zone is 90 to 100 percent kill on the rosettes.

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										
Manual Control	Acres	200	4	\$800	\$0		\$0		\$0	\$800
Herbicide Control	Acres	100	16	\$1,600	\$0		\$0		\$0	\$1,600
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
Subtotal Land Treatments				\$2,400	\$0		\$0		\$0	\$2,400
B. Channel Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$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
<i>Insert new items above this line!</i>				\$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
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
Subtotal Structures				\$0	\$0		\$0		\$0	\$0
E. BAER Evaluation										
D. Brewer	Days	320	5		\$1,600		\$0		\$0	\$1,600
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
Subtotal Evaluation				\$0	\$1,600		\$0		\$0	\$1,600
F. Monitoring										
D. Brewer	Days	320	5	\$1,600	\$0		\$0		\$0	\$1,600
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
Subtotal Monitoring				\$1,600	\$0		\$0		\$0	\$1,600
G. Totals				\$4,000	\$1,600		\$0		\$0	\$5,600

PART VII - APPROVALS

1. /s/ Stuart M. Lovejoy
Acting Forest Supervisor (signature)

July 28, 2005
Date

2. /s/ Harv Forsgren
Regional Forester (signature)

August 1, 2005
Date