

Date of Report: 08/21/06

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST**

A. Type of Report

- ☐ 1. Funding request for estimated emergency stabilization funds
- ☐ 2. Accomplishment Report
- ☒ 3. No Treatment Recommendation other than Noxious weed surveys.

B. Type of Action

- ☒ 1. Initial Request (Best estimate of funds needed to complete eligible stabilization 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: Sage Fire
- B. Fire Number: CA-MDF-484
- C. State: CA
- D. County: Modoc
- E. Region: 05
- F. Forest: Modoc
- G. District: Devil's Garden RD
- H. Fire Incident Job Code: P5B6UU
- I. Date Fire Started: 07/28/06
- J. Date Fire Contained: 08/05/06
- K. Suppression Cost: \$250 K
- L. Fire Suppression Damages Repaired with Suppression Funds
 - 1. Fireline waterbarred (miles): 3.4 (1.75 miles on NFS lands)
 - 2. Fireline seeded (miles): 0
 - 3. Other (identify): 0
- M. Watershed Number: 1802000103, 1802000104 and 1802000205
- N. Total Acres Burned: 550
NFS Acres(330) Other Federal (110) State () Private (110)
- O. Vegetation Types: Sagebrush, juniper and misc forbs/grasses
- P. Dominant Soils: Bieber, Deven and Royal families
- Q. Geologic Types: Rolling and undulating hillsides and sage brush flats

R. Miles of Stream Channels by Order or Class: Class II 2.5 miles

S. Transportation System

Trails: 0 miles Roads: 12.5 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 300 (low) 225 (moderate) 25 (high)

B. Water-Repellent Soil (acres): 150

C. Soil Erosion Hazard Rating (acres):
300 (low) 450 (moderate) 75 (high)

D. Erosion Potential: 0.5 tons/acre

E. Sediment Potential: NA cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 25

B. Design Chance of Success, (percent): NA

C. Equivalent Design Recurrence Interval, (years): NA

D. Design Storm Duration, (hours): NA

E. Design Storm Magnitude, (inches):

F. Design Flow, (cubic feet / second/ square mile): NA

G. Estimated Reduction in Infiltration, (percent): NA

H. Adjusted Design Flow, (cfs per square mile): NA

PART V - SUMMARY OF ANALYSIS

- A. Describe Critical Values/Resources and Threats: There are limited resources at risk. There are no water quality concerns as there are no streams on NFS lands. The burn pattern was spotty and the soils of these landforms have a high content of rock on the surface layer and within the soil which are not subject to high levels of erosion. The single greatest risk is for noxious weeds to spread into the fire from suppression activities. During suppression activities, engines entered the fire area by travelling through an area of known noxious weed infestation on private lands.

The fire behavior was very spotty, approximately 50% of the fire area did not burn. Of the remaining 50 percent of the fire perimeter does not have erosive soils. With the exception of the area associated with the RIM, the NFS lands sustained a light to moderate burn. The only area that sustained a high burn severity is associated with the rim and the associated alluvial fans. These are mainly located on private

lands and the rehabilitation work is being handled by the Alturas NRCS. BLM is pursuing rehabilitation of the burned area through their agency program.

B. Emergency Treatment Objectives: Identify if noxious weeds were introduced into the burned area during suppression activities.

C. Probability of Completing Treatment Prior to Damaging Storm or Event:

Land 100 % Channel % Roads/Trails % Protection/Safety %

D. Probability of Treatment Success

| | Years after Treatment | | |
|-------------------|-----------------------|----|---|
| | 1 | 3 | 5 |
| Land | 100 | 50 | |
| Channel | | | |
| Roads/Trails | | | |
| Protection/Safety | | | |

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

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

| | | | | |
|---|---|--|---|--------------------------|
| <input checked="" type="checkbox"/> Hydrology | <input checked="" type="checkbox"/> Soils | <input type="checkbox"/> Geology | <input type="checkbox"/> Range | <input type="checkbox"/> |
| <input checked="" 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 checked="" 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 | |

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Cost of BAER Assessment: \$1500

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:

Noxious Weed Surveys of Roads, Dozer Lines and Hand lines on the NFS lands within the Sage Fire in 2007. The estimated request is for \$2000. The survey would be completed in 2007 and would be

completed by two bio/botany tech's and would include a follow up report by the Forest Botanist to determine if additional treatment/funding is requested.

Channel Treatments:

None

Roads and Trail Treatments:

None

Protection/Safety Treatments:

None

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.)

None

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

PART VII - APPROVALS

1. /s/Stanley G. Sylva
Forest Supervisor (signature)

August 24, 2006
Date

2. /s/ Beth G. Pendleton (for)
Regional Forester (signature)

8/28/06
Date