USDA-FOREST SERVICE FS-2500-8 (6/06)

Date of Report: 08/28/06

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
[X] 3. No Treatment Recommendation other then Noxious weed surveys.

B. Type of Action

[X] 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: Clear Fire

B. Fire Number:CA-MDF-614

C. State: CA

D. County: Modoc

E. Region: 05

F. Forest:Modoc

G. District: Doublehead RD

H. Fire Incident Job Code:P5B6UU

I. Date Fire Started:08/07/06

J. Date Fire Contained:08/15/06

K. Suppression Cost:$275 K

L. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): 4.9
2. Fireline seeded (miles): 0
3. Other (identify): 0

M. Watershed Number:1801020404 and 1801020404

N. Total Acres Burned:554
NFS Acres(554) Other Federal (0) State (0) Private (0)

O. Vegetation Types: Sagebrush, juniper and misc forbs/grasses

P. Dominant Soils: Deven-Bieber-Pass Canyon Families Association (MDF SMU 153)

Q. Geologic Types: Undualting hillsides and Basalt Plateau

R. Miles of Stream Channels by Order or Class: Class II 0.5 miles

S. Transportation System

Trails: 0 miles Roads: 0.6 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 50 (low) 450 (moderate) 54 (high)

B. Water-Repellent Soil (acres):54

C. Soil Erosion Hazard Rating (acres):
50 (low) 450 (moderate) 54 (high)

D. Erosion Potential: 1.3 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. The burn pattern of the Clear Fire was spotty. The soils of these landforms burned have a high content of rock on the surface layer and within the soil profile which demonstrates that these soils are not subject to high levels of erosion.

The fire behavior was very spotty, approximately 50% of the fire area did not burn. Of the remaining 50 percent of the fire area does not have erosive soils. With the exception of the area associated Junipers, the fire had a low to moderate burn severity. Approximately 50 acres or 10% of the fire area, had a high burn severity. The tributary to the Lost River drainage area did not sustain fire damage. The dominant soils are MDF Soil Map Unit (SMU) 153 which has moderate erosion hazard, well drained soils with a moderate water runoff potential. Thes soils also have a low susceptibility to burning damage.

The greatest risk to the Clear Fire area is the intoduction of noxious weeds to the dozer line and road during the supression activities.

B. Emergency Treatment Objectives: Identify if noxious weeds were introducted 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:

[X] Hydrology [X] Soils [ ] Geology [ ] Range [ ]
[X} Forestry [ ] Wildlife [ ] Fire Mgmt. [ ] Engineering [ ]
[ ] Contracting [ ] Ecology **[X]** Botany [X] Archaeology [ ]
[ ] Fisheries [ ] Research [ ] Landscape Arch [X] GIS

Team Leader: Peter Adams

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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 Clear Fire in 2007. The estimated request is for $2500. 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 — 08/29/2006
Forest Supervisor (signature) — Date

2. /s/ Thomas L. Tidwell (for) — 09/01/2006
Regional Forester (signature) — Date