Date of Report: Jan. 24,2003

BURNED-AREA REPORT

(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

[ ] 1. Funding Request for Estimated WFSU-FW22 Funds
[X] 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 and design analysis
[ ] Status of accomplishments to date and funding request

[X] 3. Final report-following completion of work

PART II - BURNED-AREA DESCRIPTION

A. Fire Name: Town

B. Fire Number: P53572
BAER: SUBRTO

C. State: CA

D. County: Glenn

E. Region: 05

F. Forest: 08 Mendocino

G. District: 53 Grindstone

H. Date Fire Started: 03/31/00

I. Date Fire Controlled: 04/07/00

J. Suppression Cost: 550,000

K. Fire Suppression Damages Repaired with WFSU-PF12 Funds:

1. Fireline waterbarred (miles) 0.36

2. Fireline seeded (miles) 0

3. Other (identify) repair 2 low water crossings

L. Watershed Number: 1802011503

M. NFS Acres Burned: 833 Total Acres Burned: 1140

( )State ( )BLM ( )PVT ( )

N. Vegetation Types: Chaparral, knobcone pine, mixed conifer,

O. Dominant Soils: Deadwood, Maymen

P. Geologic Types: Franciscan formation

Q. Miles of Stream Channels by Order or Class:
15.8 order 1 4.5 order 2 0.8 order 3

R. Transportation System:

Trails: 0 miles Roads: 2.0 miles

PART III - WATERSHED CONDITION

A. Fire Intensity (acres): 456 (low) 513 (moderate) 171 (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres): 456 (low) 285 (moderate) 399 (high)

D. Erosion Potential: 6 (incr) tons/acre

E. Sediment Potential: 400 (incr) cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period: 7 years

B. Design Chance of Success: NA percent

C. Equivalent Design Recurrence Interval: 2 years

D. Design Storm Duration: 6 hours

E. Design Storm Magnitude: 1.9 inches

F. Design Flow: 59 cubic feet per second per square mile

G. Estimated Reduction in Infiltration: 15 percent

H. Adjusted Design Flow: 68 cubic feet per second per square mile

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency:
The survey indicates no emergency exists other than the risk of noxious weed infestation. No life or property is immediately below flood sources, all subwatersheds remain below TOC so increased runoff and sediment will be diluted prior to reaching the nearest propery and life in the town of Elk Creek.

B. Emergency Treatment Objectives:
Early detection and elimination of any noxious weeds introduced during suppression.

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

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

D. Probability of Treatment Success

<----Years after treatment----->

	1	3	5
Land	NA		
Channel	NA		
Roads	NA		
Other	NA	95%	95%

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

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

G. Skills Represented on Burned-Area Survey Team:

[X]	Hydrology	[X]	Soils	[ ]	Geology	[X]	Range
[ ]	Forestry	[X]	Wildlife	[ ]	Fire Mgmt.	[X]	Engineering
[ ]	Contracting	[ ]	Ecology	[ ]	Research	[X]	Archaeology
[ ]	Fisheries						

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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.

The following treatments have been proposed to mitigate the threat to life, property, and loss of site productivity:

Land Treatments:
Conduct surveys one and two years post fire to detect any noxious weed introduction. Eradicate weeds if detected, in order to preserve productivity and ecological integrity of the site and adjacent areas.

Channel Treatments:
NA

Roads and Trail Treatments:
NA

PART VI - EMERGENCY REHABILITATION TREATMENTS AND SOURCE OF FUNDS BY LAND OWNERSHIP

			NFS Lands			Other Lands			All
Line Items	Units	Unit Cost $	Number of Units	WFSU-FW22 $	Other $	Number of Units	Fed $	Non-Fed $	Total $
					ident.		ident.	ident.	

A. LAND TREATMENTS

Noxious weed monitoring	days	250	6	1500					1500

B. CHANNEL TREATMENTS

C. ROADS AND TRAILS

D. STRUCTURES

E. BAER EVALUATION/ADMINISTRATIVE SUPPORT

F. TOTALS

				1500					1500

PART VII - APPROVALS

1. _____ _____
Forest Supervisor Date

2. _____ _____
Regional Forester Date