USDA-FOREST SERVICE
FS-2500-8 (7/00)

Date of Report: (6/29/04)

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
[x] 3. No Treatment Recommendation

B. Type of Action (**Documentation of Small Fire-No Action Needed**)

[ ] 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 DESCRIPTION

A. Fire Name:Moke Fire

B. Fire Number:CA-ENF-10202

C. State:CA

D. County: Amador

E. Region: 5

F. Forest: Eldorado

G. District:Amador

H. Date Fire Started: 6/20/04

I. Date Fire Contained: 6/24/04

J. Suppression Cost: $250,000

K. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): < 1 mile
2. Fireline seeded (miles): none
3. Other (identify):

L. Watershed Number: North Fork Mokelumne (1804001201)

M. Total Acres Burned:
NFS Acres(400) Other Federal ( ) State ( ) Private ( )

N. Vegetation Types: Brush, Red Fir

O. Dominant Soils: Rockland & Associated shallow soils and small pockets of alluvium

P. Geologic Types: Granite /Metamorphic glaciated rock

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

R. Transportation System

Trails:0 miles Roads:0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 30 * (low) 60 * (moderate) 10 * (high)

B. Water-Repellent Soil (acres): 50 *

C. Soil Erosion Hazard Rating (acres):
300 * (low) 75* (moderate) 25* (high)

D. Erosion Potential: ____ tons/acre

E. Sediment Potential: ___ cubic yards / square mile

* Estimated based on discussion with IC and review of aerial photos of the fire (before and after)

PART IV - HYDROLOGIC DESIGN FACTORS

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

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

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

D. Design Storm Duration, (hours): ____

E. Design Storm Magnitude, (inches):

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

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

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

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency: **There is no watershed emergency defined**. The area burned is in the Mokelumne Wilderness located in the North Fork Mokelumne river canyon near an area called Mokelumne Tetons. The Eldorado NF Soil Resounce Inventory maps the fire area as rockland. The vegetation burned in the fire was either brush growing in shallow soil areas or factures in the rock or conifers growing in scattered desposits of alluvium located at the bottom of the slope. The IC reported no streams channels within the fire area and a review of aerial photos indicates the fire crossed at least two debris slides. Naturally occuring debris slides are found throughout this canyon area and appear to not be influenced by the vegetative cover. No system trails are found in the area. Potential for some accelerated erosion does exist but the amount of rock found in the area limits the potential for both onsite and offsite impacts. **No values at risk were identified as being potentially effected by the fire.**

B. Emergency Treatment Objectives: **No treatments are recommended at this time.**

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

Land __ % Channel __ % Roads __ % Other __ %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads			
Other			

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

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