

Date of Report: 8/8/06

**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

**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: Kingsley Complex (wilderness fires only)      B. Fire Number: MNF-897  
C. State: CA      D. County: Tehama, Trinity  
E. Region: 05 Pacific SW      F. Forest: 08 Mendocino  
G. District: 53 Grindstone, 56 Covelo      H. Fire Incident Job Code: P5C1J4  
I. Date Fire Started: 25 Jul 06      J. Date Fire Contained: 3 Aug 06  
K. Suppression Cost: Undetermined – not separated from costs of larger non-wilderness fire (East<sup>1</sup>)  
L. Fire Suppression Damages Repaired with Suppression Funds  
    1. Fireline waterbarred (miles): 5.5  
    2. Fireline seeded (miles): 0  
    3. Other (identify): 0  
M. Watershed Numbers: 18 02 01 14 02 (Thomes Cr) & 18 01 01 04 01 (Upper Middle Fk Eel)  
N. Total Acres Burned: 577  
    NFS Acres(577)    Other Federal (0)    State (0)    Private (0)  
O. Vegetation Types: White fir, red fire, montane chaparral  
P. Dominant Soils: Colluvial land, rock land, sheetiron, Yola Bolly

<sup>1</sup> BAER for East fire will be rolled together with Hunter fire (MNF894 / P5C1HD – not contained as of 8/8/06), because those fires burned together.

Q. Geologic Types: Franciscan formation - metasedimentary

R. Miles of Stream Channels by Order or Class: 1 – 2.0; 2 – 0.9

S. Transportation System

Trails: 0 miles      Roads: 0 miles

### **PART III - WATERSHED CONDITION**

A. Burn Severity (acres): 541 (low) 32 (moderate) 4 (high)

B. Water-Repellent Soil (acres):

C. Soil Erosion Hazard Rating (acres):  
541 (low) 16 (moderate) 19 (high)

D. Erosion Potential: 3 tons/acre

E. Sediment Potential: 270 cubic yards / square mile

### **PART IV - HYDROLOGIC DESIGN FACTORS**

A. Estimated Vegetative Recovery Period, (years): 3

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

C. Equivalent Design Recurrence Interval, (years): 2

D. Design Storm Duration, (hours): 6

E. Design Storm Magnitude, (inches):

F. Design Flow, (cubic feet / second/ square mile): 69

G. Estimated Reduction in Infiltration, (percent): 1

H. Adjusted Design Flow, (cfs per square mile): 69

### **PART V - SUMMARY OF ANALYSIS**

A. Describe Critical Values/Resources and Threats:

We determined that there is no emergency regarding threats from hydrologic response. The small overall size of the fire, and relatively low proportion of moderate and high severity burned areas resulted in only a 1% increase in predicted flows for the design storm.

However there is a potential threat to wilderness (Yolla Bolly – Middle Eel) and ecosystem integrity with respect to the potential introduction of invasive plants. Helispots, spike camp, and fire line are potential introduction sites (noxious weed assessment plan attached).

B. Emergency Treatment Objectives:

No emergency treatment needs identified at this time. However, additional, deferred noxious weed threat assessment is needed to detect and destroy any incidental infestations of invasive plants introduced by suppression actions, and to determine need for treatment beyond incidental removal. Assessment to occur beginning of 2007 growing season, prior to 1 year anniversary of fire.

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

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

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads/Trails			
Protection/Safety			

E. Cost of No-Action (Including Loss): 0

F. Cost of Selected Alternative (Including Loss): 0 (excluding assessment costs)

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 type="checkbox"/> Archaeology	<input type="checkbox"/>
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" type="checkbox"/> GIS	

Team Leader: Mike Van Dame

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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.)

Land Treatments:

None proposed

Channel Treatments:

None proposed

Roads and Trail Treatments:

None proposed

Protection/Safety Treatments:

None proposed

**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 proposed

**Part VI – Emergency Stabilization Treatments and Source of Funds**
**Interim #**

Subtotal Land Treatments				\$0	\$0		\$0		\$0	\$0
<b>B. Channel Treatments</b>										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Channel Treat.				\$0	\$0		\$0		\$0	\$0
<b>C. Road and Trails</b>										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Road & Trails				\$0	\$0		\$0		\$0	\$0
<b>D. Protection/Safety</b>										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Structures				\$0	\$0		\$0		\$0	\$0
<b>E. BAER Evaluation</b>										
Initial evaluation				---	\$500		\$0		\$0	\$500
Noxweed assmnt					\$3,000		\$0		\$0	\$3,000
Insert new items above this line!				---	\$0		\$0		\$0	\$0
Subtotal Evaluation				---	\$3,500		\$0		\$0	\$3,500
<b>F. Monitoring</b>										
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Monitoring				\$0	\$0		\$0		\$0	\$0
<b>G. Totals</b>				\$0	\$3,500		<b>\$0</b>		<b>\$0</b>	<b>\$3,500</b>
Previously approved										
Total for this request				<b>\$0</b>						

**PART VII - APPROVALS**

1. /s/ Thomas A. Contreras  
Forest Supervisor (signature)

8/8/06  
Date

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

8/15/06  
Date