

DOCUMENT HEADER

wheeler II

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by B.BLECKER

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Subject: wheeler and ferndale rep.

Summary:

Comments:

Mailed to:

D.ESPLIN

T.NICHOLS:ORD

UNITED STATES
DEPARTMENT OF
AGRICULTURE

Forest
Service

Los Padres National Forest
6144 Calle Real
Goleta, CA 93117

Reply to:

Date:

Subject:

To:

BURNED AREA REPORT
(Reference FSH 2509.13, Report FS-2500-A)

PART I - TYPE OF REQUEST

1. Type of Report

- ☐ A. Funding (Request for estimated FFF funds)
☒ B. Accomplishment Report

2. Type of Action

- ☐ A. Initial (estimated funding is first requested)
☐ B. Interim
☐ Updating the initial funding request.
☐ Supplying information for accomplishments to date
on emergency work underway.

☒ C. Final

- ☐ Best estimate for funds needed to complete eligible
rehabilitation measure.
☒ Following completion of funded work.

PART II - FIRE LOCATION

1. Fire Name (from Form FS-5100-29): WHEELER 2
2. Forest Supervisor's Fire No. (from Form FS-5100-29): LPF 549
3. State: CALIFORNIA
4. County: VENTURA, SANTA BARBARA
5. Region: 05
6. Forest: 07, LOS PADRES
7. Ranger District: OJAI RANGER DISTRICT, SANTA BARBARA RANGER DISTRICT
8. Date Fire Started: JULY 1, 1986
9. Date Fire Controlled: JULY 14, 1986
10. Estimated Suppression Costs: \$12,000,000.00
11. Fire Suppression Damages Repaired with FFF 102 Funds:

120 miles (firelines waterbarred)
440 acres (firelines seeded)
60 acres other (identify)

12. Fire Intensity: 10 % (low) 40 % (medium) 50 % (high)

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.: 1807010101.1, 1807010101.2, 1807010101.3, 1807801021.1
2. NFS Acres Burned: 108,000 F.S., 10,000 PRIVATE
3. Water Repellant Soil: 85 % of NFS acres burned

4. Vegetation Types: 85% CHAPARRAL, 13% OAK FOREST AND WOODLAND, 2% CONIFER
5. Geologic Types: 60% SHALES, 25% SANDSTONES, 15% SESPE FORMATION
6. Soil Erosion Hazard Rating:

0 % (low) 7 % (medium) 93 % (high)

7. Erosion Potential: 33,000 cu. yds/sq. miles
8. Miles of Stream Channels by Regional Order or Classes:
9. Miles of Forest Service Trails: 55
10. Miles of Forest Service Roads by Maintenance Levels:

6 miles (Level I) 58 miles (Level II)
21 miles (Levels III, IV, V)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period: 8 years.
2. Chance of Success Desired by Management: 90 percent.
3. Equivalent Design Recurrence Period: 70 years.
4. Related Design Storm Duration: 6 hours.
5. Related Design Storm Magnitude: 4 inches.
6. Related Design Flow 100 cfs.
7. Estimated Reduction in Infiltration: 80 percent.
8. Adjusted Related Design Flow: 250 cfs.

PART V - SUMMARY OF SURVEY AND ANALYSIS

1. Skills Represented on Burned Area Survey Team ("x" appropriate boxes):

<input checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input checked="" type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range
<input checked="" type="checkbox"/> Timber	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input checked="" type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input checked="" type="checkbox"/> Local Mgmt.	<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Other (identify)

2. Describe Emergency:
3. Emergency Rehabilitation Objective:
4. Probability of Completing Treatment Prior to First Major Damage Producing Storm:

Land ____ % Channel ____ % Roads ____ % Other ____ %

5. Net Environmental Quality Benefit Index:

☐ Significant ☐ Not Significant

6. Net Social Well Being Benefit Index:

☐ Significant ☐ Not Significant

7. Benefit/Cost Ratio:

8. Net Benefits: \$ _____

9. Cost Effectiveness Index: ☐ I. ☐ II. ☐ III. ☐ IV.

a.Enlarge culverts &									
out slope roads	Miles	32.6	50						16.3M
c.									
D. MAJOR STRUCTURES									
a. Preplanned -									
from Forest									
Plans									
E. TOTAL	\$				\$	\$		\$	\$626.1M

Forest Supervisor (Signature)

Date