

File Code: 2520

Date: February 7, 1995

Route To: Regional Burned Area Emergency
Rehabilitation Coordinator

Subject: Final Burned Area Report for the Sugarfoot Fire

To: Director, Minerals and Watershed Management

Enclosed is the final Burned Area Report for the Sugarfoot fire. For consistency in use of forms, the old 2500-8 form was used. The new 2500-8 form will be used for future fires.

Treatment Measures

Rehabilitation work for the Sugarfoot fire consisted of aerial grass seeding (barley), road slope stabilization and road drainage improvement. Aerial grass seeding and road slope stabilization was accomplished in October and road drainage improvement accomplished by mid-November. Some rain fell in October, November and December with heavy rains in January.

Monitoring

Monitoring of the burned area showed that the barley grass had little growth despite the early rains and south aspect. Evidently the cool temperatures and snow were not conducive to good grass growth. However, previous use of barley, in similar situations, has produced good growth prior to January.

Road drainage improvement with end sections, energy dissipators and cross drains were effective in passing moderate amounts of muddy water in November. Rice straw was staying on the road cut slopes. Since November, the fire area has not been accessible due to snow blocking the roads.

A vegetative regrowth plot was established in the brush burn area that was aerial seeded with grass. This spring the plot can be measured for natural recovery with the adjacent area measured for barley plants and other natural vegetation.

Funding

Funding requested for rehabilitation was \$48,000. Actual use as of December 31 was \$22,654. About \$1,000 more will be needed to complete this report and finalization of a road cost share agreement with Crane Lumber Mills, a private landowner within the fire area.

Cost for aerial seeding was estimated to be \$24,000. Actual cost was about half. Seed application went on faster than anticipated.

Cost for road slope stabilization with rice straw was estimated to be \$7,500 with actual cost of \$9,507. The higher cost was due to difficulty in blowing chopped rice straw through a blower and building strawbale check dams with the extra rice bales.

Cost for road drainage improvement was estimated at \$16,500 and actual was \$1,057. This cost just included engineering time to develop a work contract with specifications. The cost of materials and installation was covered under a cost share agreement with Crane Lumber Mills as part of reimbursement to the U.S. Forest Service.

If you have any questions about this report, contact Bob Faust, Forest BAER Coordinator at (916) 934-3316.

DANIEL K. CHISHOLM
Forest Supervisor

cc: Rob Griffith, R05A
Jim Giachino, MNF Corning R.D.
Molly Fuller, MNF Corning R.D.

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): SUGARFOOT
2. Forest Supervisor's Fire No. (from Form FS-5100-29): MNF 479
3. State: CALIFORNIA
4. County: TEHAMA
5. Region: PACIFIC SOUTHWEST
6. Forest: MENDOCINO
7. Ranger District: CORNING
8. Date Fire Started: 8/27/94
9. Date Fire Controlled: 9/10/94
10. Estimated Suppression Costs: \$1.5 MM
11. Fire Suppression Damages Repaired with FFF 102 Funds:

8.1 miles (firelines waterbarred)
0 acres (firelines seeded)
2.0 Miles (fireline strawed)
12. Fire Intensity: 10 % (low) 55 % (medium) 35 % (high)

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.: 1802011402
2. NFS Acres Burned: 2124 Private Acres Burned: 664
3. Water Repellant Soil: 18% of NFS acres burned

PART VI - ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS
AND SOURCE OF FUNDS

NOTE: Emergency rehabilitation is work done promptly following a wildfire and is not to solve watershed problems that existed prior to the wildfire.

Line Items	Units	NFS Lands			Other Lands			All Lands	
		Unit	No. of	FFR 092	Other \$	No. of	Federal \$	Non-Federal \$	Total \$
		Cost	Units	\$		Units			
(1)	(2)	(3)	(4)	(5)	ident.	(6)	ident.	identify	(9)
A. LAND									
a. Seeding	Acres	60	400	24,000					
b. ACTUAL COST				12,090					
c.									
d.									
e.									
B. CHANNELS									
a. Opening water courses	Miles								
b. Stabilizing streambanks	Miles								
c.									
d.									
e.									
C. ROADS AND TRAILS									
a. Slope stabilization	acres	58	125	7,500					
ACTUAL COST				9,507					
b. Culvert end sect	each	6	750	4,500					
c. Cross drains	each	6	2000	12,000					
ACTUAL COST b. & c.				1,057	(COST SHARE WITH PRIVATE TIMBER COMPANY)				
D. MAJOR STRUCTURES									
a. Preplanned - from Forest Plans									
E. TOTAL				\$48,000	\$		\$		\$