

MESSAGE SCAN FOR PENNY FABIAN

To WSA:R03A

From: ROBERTSON,GEORGE:R03F04A

Postmark: Jul 26,94 9:32 AM

Delivered: Jul 26,94 10:23 AM

Status: Previously read

Subject: Small Wildfire Burned-Area Report (Form FS 2500-8)

Comments:

Enclosed is Form FS-2500-8 for the Small Wildfire as required by FSM
2523.04c. George

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(This one
ache Sir#)

Cocconino NF

United States
Department of
Agriculture

Forest
Service

Coconino NF

2323 E. Greenlaw Lane
Flagstaff, AZ 86004

Reply to: 2500

Date: July 26, 1994

Subject: Small Fire Burned Area Emergency Request

To: Regional Forester, R-3

As required by Forest Service Manual 2523.04c, Burned Area Emergency Rehabilitation, we are submitting the enclosed Small Wildfire Burned-Area report (Form FS-2500-8) for your review. We appreciate your approval of projects identified for burned-area rehabilitation.

/s/ Loyd O. Barnett
FRED TREVEY
Forest Supervisor

Enclosure
cc: Blue Ridge Ranger District

Date of Report: 07/19/94BURNED-AREA REPORT
(Reference FSH 2509.13)PART I - TYPE OF REQUEST

A. Type of Report

- ☒ 1. Funding request for estimated EFFS-FW22 funds
☐ 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
☐ 3. Final report - following completion of work

PART II - BURNED-AREA DESCRIPTION

- A. Fire Name: Small B. Fire Number: P32300
C. State: Arizona D. County: Coconino
E. Region: R-3 F. Forest: Coconino
G. District: Blue Ridge
H. Date Fire Started: 07/01/94 I. Date Fire Controlled: -
J. Suppression Cost: \$1,000.00
K. Fire Suppression Damages Repaired with EFFS-PF12 Funds:
 1. Fireline waterbarred (miles) None
 2. Fireline seeded (miles) None
 3. Other (identify) None
L. Watershed Number: 15020008; 15020015
M. NFS Acres Burned: 700 Total Acres Burned: 700
 Ownership type:
 (-) State (-) BLM (-) PVT (-)
N. Vegetation Types: Pied/Jumo/Comes/Stco4
O. Dominant Soils: Lithic Ustochrepts, lo-sk, car, me; V Cob FiSL; S
 Calcic Ustochrepts, fi-lo, car, me, Gr FiSL, MD
P. Geologic Types: Residium - Kaibab Limestone
Q. Miles of Stream Channels by Order or Class:
 Order 1 - 1.1
R. Transportation System:
 Trails: - miles Roads: .1 miles

PART III - WATERSHED CONDITION

- A. Fire Intensity (acres): 250 (low) 150 (moderate) 300 (high)
- B. Water-Repellent Soil (acres): 100
- C. Soil Erosion Hazard Rating (acres):
- (low) 700 (moderate) - (high)
- D. Erosion Potential: 4.1 tons/acre/year
- E. Sediment Potential: 1058.1 cubic yards/square mile

PART IV - HYDROLOGIC DESIGN FACTORS

- A. Estimated Vegetative Recovery Period: 5-7 years
- B. Design Chance of Success: N/A percent
- C. Equivalent Design Recurrence Interval: 25 years
- D. Design Storm Duration: 6 hours
- E. Design Storm Magnitude: 2.3 inches
- F. Design Flow: N/A cubic feet per second per square mile
- G. Estimated Reduction in Infiltration: 10 percent
- H. Adjusted Design Flow: N/A cubic feet per second per square mile

PART V - SUMMARY OF ANALYSIS

- A. Describe Watershed Emergency:

Approximately 300 acres were severely burned. Surface organic matter, vegetative ground cover and overstory were completely destroyed resulting in exposure these soils to displacement from raindrop impact, overland flow and wind erosion. Erosion could result in a loss of site productivity in this Pinyon-Juniper vegetative type.

- B. Emergency Treatment Objectives:

Restore the hydrologic balance of severely burned areas by stabilizing soil, controlling surface runoff and erosion, and restoring long-term soil productivity.

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

Land 50 % Channel - % Roads - % Other - %

- D. Probability of Treatment Success

	<----Years after treatment----->		
	1	3	5
Land	15%	50%	75%
Channel	-	-	-
Roads	-	-	-
Other	-	-	-

E. Benefit Cost Ratio: .78

F. Net Benefits: -\$3842.00

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range
<input type="checkbox"/> Timber	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input checked="" type="checkbox"/> Ecology	<input type="checkbox"/> Research	<input type="checkbox"/> Archaeology
<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Team Leader: George Robertson

Phone: (602) 527-3451 Electronic Address: G.Robertson:R03F04A

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 loss of on-site productivity.

Land Treatments:

Objective: To minimize on-site soil loss, overland flow, and to restore soil productivity.

Treatment: Using an ATV four-wheeler with a seed spreader, reseed all high intensity burned areas (approximately 300 acres). The following species are to be reseeded: Indian Ricegrass 44%

Blue Grama 17%

Sideoats Grama 35%

Sand Dropseed 04%

100%

Total seeds per square foot are 20, application rate is 5 pounds/acre.

Treatment: Construct approximately 4.5 miles of temporary two wire electric fence around the burned areas to protect the newly seeded areas from livestock grazing. Will require archeaology clearance on what is equalivant to 20 acres.

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	EFFS-FW22 \$	Number of Units ident.	Fed Non-Fed Total \$
A. LAND TREATMENTS						
Seed with an ATV four wheeler	Acres	72.80	300	11292	-	11292
Install a temporary electric fence	Miles	1500	4.5	6750		6750
Arch. Clearance	Acres	10	20	200		200
<i>Changes made after phone call from Lloyd Barnett. 7/26/94 DWS</i>						
B. CHANNEL TREATMENTS						
C. ROADS AND TRAILS						
D. STRUCTURES						
E. BAER EVALUATION/ ADMINISTRATIVE SUPPORT						
F. TOTALS						18242 11292

Changes made after phone call from
Loyd Barnett. 7/26/94 WWS

PART VII - APPROVALS

1. /s/ Loyd O. Barnett for Fred Trevey
Forest Supervisor

July 26, 1994
Date

2. _____
Regional Forester

Date _____