

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): Teepee Butte
2. Forest Supervisor's Fire No. (from Form FS-5100-29): 73165
3. State: OR
4. County: Wallowa
5. Region: 06
6. Forest: Wallowa-Whitman
7. Ranger District: Hells Canyon NRA
8. Date Fire Started: 8-25-88
9. Date Fire Controlled: Est. 9-15-88
10. Estimated Suppression Costs: \$5,000,000
11. Fire Suppression Damages Repaired with FFF 102 Funds:
 14 miles (firelines waterbarred)
 22 acres (firelines seeded)
 12 miles Other -- livestock management fences
12. Fire Intensity: 76 % (low) 7 % (medium) 17 % (high)

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.: 17060106-02 & 17060103-03
2. NFS Acres Burned: 54,300
3. Water Repellant Soil: 5 % of NFS acres burned

4. Vegetation Types: Grass & rock - 62%, Douglas fir - 18%,
Grand fir - 19%, Other - 1 %
5. Geologic Types: Basalt and andesite with volcanic ash surface material.
6. Soil Erosion Hazard Rating:

___10___ % (low) ___40___ % (medium) ___50___ % (high)

7. Erosion Potential: _____19,520_____ cu. yds/sq. miles
8. Miles of Stream Channels by Regional Classes:
I - 25.3, II - 5.9, III - 10.1, IV - 49
9. Miles of Forest Service Trails: 53
10. Miles of Forest Service Roads by Maintenance Levels:

___10___ miles (Level I) ___55___ miles (Level II)
___12___ miles (Levels III, IV, V)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period: 5_ years.
2. Chance of Success Desired by Management: _80 percent.
3. Equivalent Design Recurrence Period: 24 years.
4. Related Design Storm Duration: 0.5 hours.
5. Related Design Storm Magnitude: .75 inches.
6. Related Design Flow 12.6_ cfs.
7. Estimated Reduction in Infiltration: _25 percent.
8. Adjusted Related Design Flow: 15.8 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 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 type="checkbox"/> Research	<input type="checkbox"/> Other

2. Describe Emergency: Potential loss of soil and site productivity.
Potential damage to fish habitat including red-banded trout.
3. Emergency Rehabilitation Objective: Stabilize watershed soils to reduce their loss, maintain site productivity and protect fisheries values in Cottonwood, Cook and Cherry Creeks.
4. Probability of Completing Treatment Prior to First Major Damage Producing Storm:

Land ___60___ % 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: 0.96

8. Net Benefits: \$ _____-9796_____

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

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 (1)	Units (2)	Unit Cost \$ (3)	NFS Lands			Other Lands			All Lands Total \$
			No. of Units (4)	FFF 092 \$ (5)	Other \$ 1/ State ident. (6)	No. of Units (7)	Federal\$ BLM 4360 ident. (8)	Non-Federal \$ identify (9)	
A. LAND									
a. Seeding									
b. Mix 1	Acre	23.90	6370	152,243					152,243
c. Mix 2	Acre	17.82	6853	111,841	10,280				122,121
d. Temporary fence	Mile	3094	3.20	9,900					9,900
e.									
B. CHANNELS									
a. Opening water courses	Miles								
b. Stabilizing streambanks	Miles								
c.									
d.									
e.									
C. ROADS AND TRAILS									
a.									
b.									
c.									
D. MAJOR STRUCTURES									
a. Preplanned - from Forest Plans									
E. TOTAL				273,984	10,280				284,264

1/ The Oregon Department of Fish and Wildlife has offered to provide 6,853 lbs. of small burnett seed to add to the mix. This seed (estimated cost \$10,280) will be paid for by ODFW.

PART VII - APPROVALS

/S/ Bill Gast (for)
Forest Supervisor (Signature)

9-8-88
Date

/S/ Mary J. Lanier
Regional Forester (Signature)

9/8/88
Date

Recommended Approval -
Paula Smith for R. Ross, DHEWS
9/16/88