

BURNED AREA REPORT

(Reference FSH 2509.13, Report FS-2500-A)

August 11, 1986

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. ☐ Interima. ☐ Updating the initial funding requestb. ☐ Supplying information for accomplishments to date on emergency work underwayC. ☐ Finala. ☐ Best estimate for funds needed to complete eligible rehabilitation measureb. ☐ Following completion of funded work

PART II - FIRE LOCATION

1. Fire Name (From Form FS-5100-29)

Gus Creek

2. Forest Supervisor's Fire No. (From FS-5100-29)

717020

3. State

Idaho

4. County

Idaho

5. Region
R-16. Forest
Nez Perce

7. Ranger District

Salmon River

8. Date Fire Started

Aug. 4, 1986

9. Date Fire Controlled

Aug. 8, 1986

10. Estimated Suppression

\$ 850,000

11. Fire Suppression Damages Repaired with FFF 102 Funds

a. 6 miles (firelines waterbarred)

b. 3 acres (firelines seeded)

c. Other (identify)

12. Fire Intensity

a. 30 % (low)

b. 60 % (medium)

c. 10 % (high)

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed No.

17060209-03-14

2. NFS Acres Burned

1,021

3. Water Repellant Soil

80 % of NFS acres burned

4. Vegetation Types

Agsp

Pipo/Feid

Psme/Phma

Feid/Agsp

Pipo/Agsp

5. Geologic Types

Schist

Gneiss

6. Soil Erosion Hazard Rating

a. 30 % (low)

b. 43 % (medium)

c. 27 % (high)

7. Erosion Potential

240 cu. yds/sq. miles

8. Miles of Stream Channels By Regional Order or Classes

First Order - 1.6 miles

Second Order - 1.1 miles

9. Miles of Forest Service Trails

0

10. Miles of Forest Service Roads By Maintenance Levels

a. 1 miles (Level I)

b. 0.25 miles (Level II)

c. miles (Levels III, IV, V)

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Estimated Vegetative Recovery Period (Years)

2

2. Chance of Success Desired By Management (Percent)

90

3. Equivalent Design Recurrence Period (Years)

100 - Intense Convective Storm

4. Related Design Storm Duration (Hours)

1/2

5. Related Design Storm Magnitude (Inches)

0.90 (Precipitation-Frequency Atlas
for Idaho.)

6. Related Design Flow (cfsm)

55 - Water supply paper #1688-
100 year return interval.

7. Estimated Reduction in Infiltration (Percent)

20

8. Adjusted Related Design Flow (cfsm)

83

PART V - SUMMARY OF SURVEY AND ANALYSIS

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

- a. ☒ Hydrology b. ☒ Soils c. ☐ Geology d. ☐ Range e. ☐ Timber f. ☐ Wildlife
g. ☐ Fire Mgmt. h. ☐ Engineering i. ☐ Contracting j. ☐ Local Mgmt. k. ☐ Research l. ☐ Other

2. Describe Emergency

(Identify)

No emergency exists; we feel that management objectives as stated in number 3 would be met through natural processes.

3. Emergency Rehabilitation Objective

- Maintain soil productivity at existing or near existing levels.
- Maintain the stability & integrity of Gus Creek and the Salmon River.
- Maintain greater quality for fisheries & other beneficial used in the streams mentioned in

4. Probability of Completing Treatment Prior to First Major Damage Producing Storm

- a. 80 % (land) b. NA % (channel) c. NA % (roads) d. NA % (other)

(Identify)

5. Net Environmental Quality Benefit Index

- a. ☐ Significant b. ☒ Not Significant

6. Net Social Well Being Benefit Index

- a. ☐ Significant b. ☐ Not Significant

7. Benefit/Cost Ratio

8. Net Benefits

9. Cost Effectiveness Index

- a. ☐ I b. ☐ II c. ☐ III d. ☐ IV

PART VI - ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS & 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	Unit Cost	NFS Lands			Other Lands			All Lands
			No. of Units	FFF 092 \$	Other \$ (Identify)	No. of Units	Federal \$ (Identify)	Non-Federal \$ (Identify)	Total \$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. LAND	a. Seeding	Acres							
	b.								
	c.								
	d.								
	e.								
B. CHANNELS	a. Opening water courses	Miles							
	b. Stabilizing Streambanks	Miles							
	c.								
	d.								
	e.								
C. ROADS & TRAILS	a.								
	b.								
	c.								
	d.								
	e.								
D. MAJOR STRUCTURES									
a. Preplanned - from Forest Plans									
E. TOTAL									

PART VII - APPROVALS

1. Forest Supervisor (Signature)

2. Date

3. Regional Forester (Signature)

2. Date

11 Aug 1986