

Date of Report: July 29, 2000  
edited  
08/07/00  
12:00pm Jeff  
Bruggink

## BURNED-AREA REPORT

(Reference FSH 2509.13)

### PART I - TYPE OF REQUEST

#### A. Type of Report

- ☒ 1. Funding Request for Estimated WFSU-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: Wall

B. Fire Number: P47662

C. State: Nevada

D. County: Nye

E. Region: R4

F. Forest: Humboldt-Toiyabe

G. District: Tonopah

H. Date Fire Started: 07-22-2000

I. Date Fire Controlled: July 27, 2000

J. Suppression Cost: Estimated \$1.35 million

K. Fire Suppression Damages Repaired with WFSU-PF12 Funds:

1. Fireline waterbarred (miles) 8.0

2. Fireline seeded (miles) 0.0

3. Other (identify) Helipads – 8

L. Watershed Number: 16060004 (Pablo, Jett)  
16060003 (Horse, Wall)

M. NFS Acres Burned: 7530

Total Acres Burned: 7530

( ) State ( ) BLM ( ) PVT ( ) \_\_\_\_\_

N. Vegetation Types: Pinyon, Juniper, Sagebrush, Bitterbrush, Bunchgrasses:  
Riparian – Coyote Willow, Water Birch, Cottonwoods

O. Dominant Soils: Silty loam, Sandy loam

P. Geologic Types: Canyons – Limestone, Dolomite, Quartzite  
Upper Areas – Silica tuffs, some Intrusives

Q. Miles of Stream Channels by Order or Class:

Order 1–21.3 Order 2–5.8 Order 3–1.1 \_\_\_\_\_

R. Transportation System:

Trails: 2.8 miles Roads 3.7 miles

### **PART III - WATERSHED CONDITION**

A. Fire Intensity (acres): 753 (low) 5648 (moderate) 1129 (high)

B. Water-Repellent Soil (acres): 4518 (Moderate)

C. Soil Erosion Hazard Rating (acres): 3012 (low) 4433 (moderate) 85 (high)

D. Erosion Potential: 2.0 tons/acre

E. Sediment Potential: 102 cubic yards / square mile

#### **PART IV - HYDROLOGIC DESIGN FACTORS**

- A. Estimated Vegetative Recovery Period: Grasses – 2to 3 years  
Pinyon-Juniper  
Overstory – 15-20
- B. Design Chance of Success: Not Applicable percent
- C. Equivalent Design Recurrence Interval: NA years
- D. Design Storm Duration: NA Hours
- E. Design Storm Magnitude: NA Inches
- F. Design Flow: NA cubic feet per second per square mile
- G. Estimated Reduction in Infiltration: NA Percent
- H. Adjusted Design Flow: NA cubic feet per second per square mile

#### **PART V - SUMMARY OF ANALYSIS**

Add the information from the District Ranger Letter to this section, it did a good job of describing the fire and emergency situation

- A. Describe Watershed Emergency: 1. Protection of the drinking water source for families below Pablo Canyon. 2. Administrative protection of archaeological information pertaining to heritage properties in the burn area. 3. Reconstruction of the barrier surrounding open shaft at the mining site. 4. Monitoring and treatment of weed infestations in burned areas. (BAER will only pay for monitoring for 1 year, treatment and additional monitoring needs to be an interim request for funds, BAER will not pay for NEPA which is required for some weed treatments such as herbicide, the suppression P code will be used to monitor and control weeds in dozer lines, hand lines, fire camps, helispots, etc..., provide a map that shows location of suppression damages and potential for weeds, list the species of weeds of concern)
- B. Emergency Treatment Objectives: 1. Armor stream meander above the drinking water intake well to minimize increased risk of high water event emanating from burned area in Pablo Canyon. 2. Increase administrative protection of heritage resources exposed and otherwise impacted by the fire. 3. Provide for public safety at the open mine shaft. 4. Prevent weed infestations on NFS lands.

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

Land	Weed %	Channel	100 %	Roads	%	Other	Safety – %
	– 0						100,
							Cultural
							– 100

D. Probability of Treatment Success

	<----Years after treatment----->		
	1	3	5
	Weeds - 30	Weeds - 100	Weeds – 100
Land			
Channel	100	100	100
Roads			
Other	Safety – 100 Cultural - 30	Safety – 100 Cultural - 60	Safety – 100 Cultural - 90

E. Cost of No Action (Including Loss): \$ 153,790 + Potential human injury or loss of life

F. Cost of Selected Alternative (Including Loss): \$ 8544

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input checked="" type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range
<input type="checkbox"/> Forestry	<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 checked="" type="checkbox"/> Archaeology
<input checked="" type="checkbox"/> Fisheries			

Team Leader: Chris Butler

Phone:: 775-778-0222 Electronic Address: Chris Butler/R4/USDAFS@FSNOTES

**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 threat to life, property, and loss of site productivity:

**Land Treatments:**

**1. Weeds:** Monitor disturbed sites within burned area for noxious weeds and treat as necessary. Three years of monitoring and potential treatment is recommended. **Only one year of monitoring is being requested for funding. If after the initial monitoring it has been determined there is a need for control or additional monitoring, a interim request for funding will be sent.** **2. Cultural:** Dugout – Record site damage resulting from the burn. **(the site must be on a National or State listed site that has been surveyed or identified before, if not BAER cannot pay for the survey)** An archaeologist will require two days for this task. Signs – Placement of signs warning that removal or destruction of cultural resources is a violation of the Archeological Resources Protection Act may discourage looting. Law Enforcement **(LE will be funded only if the sites that are being protected are critical and significant cultural/heritage resource sites. The current manual direction does not define “critical or significant”, use your judgement in consultation with the archeological staff)**– Increase patrols near cultural sites in the burned area to prevent looting and loss of site information. This activity is recommended because the burn destroyed vegetation and exposed artifacts associated with the sites. **3. Fencing:** The fence enclosing a deep open shaft was destroyed by the burn. The fence needs to be rebuilt as soon as possible since it is a potential hazard in an area frequently visited by the public.

**Channel Treatments:**

Due to the potential for increased flows in Pablo Canyon, it is recommended that a berm on the creek channel which protects the drinking water inlet for four families be armored. Armoring would be done by an honor camp crew in two days with rock and deadfall which is abundant in the area. **(add here the size and extent for the construction, a map and drawing would also be helpful for the implementation that will come later)**

**Roads and Trail Treatments:**

**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	WFSU FW22 \$	Other \$	Number of Units	Fed \$	Non-Fed \$	Total \$
					ident.		ident.	ident.	

**A. ARCHEOLOGICAL SITES**

<b>Cultural – Dugout</b>	<b>Recording</b>	<b>476</b>	<b>1</b>	<b>476</b>					
<b>Cultural – Signs</b>	<b>Sign</b>	<b>50</b>	<b>4</b>	<b>200</b>					
<b>Cultural - Law Enforcement</b>	<b>Person</b>	<b>208</b>	<b>20</b>	<b>4168</b>					

	<b>days</b>								

#### B. CHANNEL TREATMENTS


#### C. Monitoring

Weeds 1 year of monitoring	Person Days	300	2	600					

#### D. STRUCTURES

Drinking Water Inlet Protection	Bank xx feet	1600	1	1600					
Fencing (Shaft)	Enclosure	1500	1	1500					

#### E. BAER EVALUATION/ADMINISTRATIVE SUPPORT

Salary, Travel, Etc.									
(estimate original BAER team costs and add back here if you want to adjust out of forest funds the money spent on the team to the BAER fuunding)									

#### F. TOTALS

				8544					

### PART VII - APPROVALS

1. \_\_\_\_\_  
Forest Supervisor

\_\_\_\_\_  
Date

2. \_\_\_\_\_

\_\_\_\_\_

Regional Forester

Date