



United States
Department of
Agriculture

Forest
Service

Caribou-Targhee
National
Forest

1405 Hollipark Drive
Idaho Falls, ID 83401
208-524-7500

File Code: 2520-3

Date: November 2, 2005

Route To:

Subject: Winslow-Idaho Interim BAER Report (2500-8), FY 2006

To: Regional Forester

Enclosed is an interim request (2500-8) for the Winslow-Idaho Fire, located on the Dubois Ranger District of the Caribou-Targhee National Forest. Following the Burned Area Emergency Response (BAER) assessment recommendations, noxious weeds were located and treated in the burned area. Unfortunately, the Forest failed to spend the \$1,080 we received in FY-2005 to monitor and treat weed infestations. Important personnel were unaware that the Forest received the funds. I would like to request funds in the amount \$1,170 to perform the work in FY-2006.

If approved, weed treatment monitoring and additional treatment (if necessary) would occur. After completion, the Forest will submit a final report to the Regional BAER Coordinator, Jeff Bruggink.

Please feel free to contact my Forest BAER coordinator Brad Higginson at (208) 557-5786 if you need any additional information. Thank you for your careful consideration of this request. Additional details are provided in the attached 2500-8.

LAWRENCE A. TIMCHAK
Forest Supervisor

cc: Jeff Bruggink, Regional Soil Scientist and BAER Coordinator
Carol Lyle, Ecosystem Branch Chief
Robert Mickelsen, Dubois Ranger District

Enclosure



BURNED-AREA REPORT
(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

- ☐ 1. Funding request for estimated WFSU-SULT 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 or design analysis
 - ☒ Status of accomplishments to date
- ☐ 3. Final Report (Following completion of work)

PART II - BURNED-AREA DESCRIPTION

- A. Fire Name: **Winslow - Idaho**
- B. Fire Number: **ID-CTF-010500**
- C. State: **ID**
- D. County: **Clark**
- E. Region: **04**
- F. Forest: **Caribou-Targhee**
- G. District: **Dubois RD**
- H. Date Fire Started: **08/14/2003**
- I. Date Fire Contained: **09/02/2003**
- J. Suppression Cost: **6.4M (Total. Divided into two fires on September 31).**
- K. Fire Suppression Damages Repaired with Suppression Funds
 - 1. Fireline waterbarred (miles): **4.8 miles**
 - 2. Fireline seeded (miles): **0.0 miles**
 - 3. Other (identify): **Two fire camps were rehabilitated**
- L. Watershed Number: **170402140606**
- M. Total Acres Burned: **4,612**: NFS Acres (**4,612**) Other Federal (**0**) State (**0**) Private (**0**)
- N. Vegetation Types: **Mature Douglas Fir = 78%**
Mature Mixed Conifer = 10%
Tall Grass / Sage = 6%

- O. Dominant Soils: **Nearl series = 75%**
Rhylow-Fitzwil and Koffgo series soils = 25%

The Nearl series has the following attributes:

<i>Classification:</i>	Vertic Cryoborolls, fine, smectitic	<i>Erosion Factors:</i>	Kw=0.24, T=4
<i>Surface Texture:</i>	Loam, 4 inches thick	<i>Mass Movement Potential:</i>	High
<i>Subsoil Texture:</i>	Clay loam, 11 inches thick	<i>Available Water Capacity:</i>	0.15-0.18
<i>Substratum Texture:</i>	Clay loam, 40 inches thick	<i>Drainage Class:</i>	Moderately well drained
<i>Depth Class:</i>	Greater than 60 inches	<i>Aspect:</i>	Southern
<i>Permeability:</i>	Slow	<i>Hydrologic Group:</i>	C

P. Geologic Types: Mainly sedimentary and igneous. Parent materials are made up of local alluvium derived from mixed sources over residuum from shale or igneous rocks, loess and volcanic ash. These land types are made up of large scale slump earth flows and dissected dip-slopes and side-slopes.

- Q. Miles of Stream Channels by Order or Class: **First Order = 7.6 miles**
Second Order = 3.2 miles
Third Order = 2.4 miles
Fourth Order .5 miles

- R. Transportation System: Trails: **12.4 miles** Roads: **1.6 miles**

PART III - WATERSHED CONDITION

A. Burn Severity (acres): **3,394** (low) **1,219** (moderate) **0** (high)
 There is a lot of unburned ground in the low category. This fire was a mosaic with a very spotty pattern. Even the moderate severity has unburned patches.

B. Water-Repellent Soil (acres): There are small areas of slightly hydrophobic soils. However, these are inclusions that were too small to map.

C. Soil Erosion Hazard Rating (acres):
1,153 (low) **3,459 (at the low end of moderate)** (moderate) **___** (high)

D. Erosion Potential: **.20 tons/acre**

E. Sediment Potential: **13** cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

- A. Estimated Vegetative Recovery Period, (years): **2-5 years**
 B. Design Chance of Success, (percent): **NA**
 C. Equivalent Design Recurrence Interval, (years): **25** (also evaluated the 5, 10, 50, and 100)
 D. Design Storm Duration, (hours): **6**
 E. Design Storm Magnitude, (inches): **1.5**
 F. Design Flow, (cubic feet / second/ square mile): **18**

- G. Estimated Reduction in Infiltration, (percent): 5
- H. Adjusted Design Flow, (cfs per square mile): 19

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency: No emergency situations were found in this analysis area. The fire was a low-moderate severity burn with very small areas of slightly hydrophobic soils. Most of the fire burned as a mosaic with unburned patches interspersed throughout the area. In several valley bottom areas new willow sprouts were already growing.

B. Emergency Treatment Objectives: **Not** Applicable – No Treatments are being proposed.

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

Land **NA** % Channel **NA** % Roads **NA** % Other **NA** %

D. Probability of Treatment Success Not Applicable – No Treatments Proposed

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads			
Other			

E. Cost of No-Action (Including Loss): **N/A**

F. Cost of Selected Alternative (Including Loss): **N/A**

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"/>
<input type="checkbox"/> Forestry	<input type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering	<input type="checkbox"/>
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology	<input type="checkbox"/>
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" type="checkbox"/> GIS	

Team Leader: **Mike Philbin: Hydrologist, Caribou-Targhee National Forest**

Email: mphilbin@fs.fed.us

Phone: (208) 557-5786

FAX: (208) 557-5826

Current Forest Contact: **Brad Higginson Hydrologist, Caribou-Targhee NF**

Email: bhigginson@fs.fed.us

Phone: (208) 557-5786

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H. **Treatment Narrative: N/A**

(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.)

There were and are no land, channel, road and trail, or structure treatments.

I. Monitoring Narrative:

(Describe the monitoring needs, what treatments will be monitored, how they will be monitored, and when monitoring will occur. A detailed monitoring plan must be submitted as a separate document to the Regional BAER coordinator.)

Accomplishments and FY 2006 Request:

The Forest received funds for weed monitoring/treatment in FY 2004 and 2005.

Approximately 15 acres of Canadian thistle and spotted knapweed were located and sprayed with herbicide in FY-2004. Unfortunately, the Forest failed to monitor the area in 2005 with the \$1,080 worth of funds approved in 2005. Important personnel were unaware of the funds as they were not identified in NFPORs.

The area needs to be monitored in FY-2006 to evaluate treatment success or failure. A GS – 5 Range Technician will visit the previously treated areas, evaluate treatment success, and retreat the area if needed. Access requires the use of an ATV and horse. It is estimated that some of the areas will need additional treatment. Total estimated expense for the 2006 weed treatment monitoring is approximately \$1,170 for FY-2006 (Table 1).

Table 1. Estimated expenses for FY 2006 weed monitoring/treatment activities.

Personnel/Item	Cost/Day	Days	Total Cost
GS-5	\$120	6	\$720
Horse	\$50	4	\$200
ATV	\$50	2	\$100
Herbicide	\$75	2	\$150
Total =			\$1,170

The monitoring/treatment protocol identified in previous FS 2500-8 reports for this fire will be followed. When weeds are located, a GPS will be used to add the location to the Dubois District's GIS weed layer. No further monitoring will be requested through BAER funds in 2007.

Part VI – Emergency Rehabilitation Treatments and Source of Funds by Land Ownership

Line Items	Units	Unit Cost	# of Units	WFSU SULT \$	Other \$	# of units	Fed \$	# of Units	Non Fed \$	Total \$
A. Land Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Land Treatments</i>				\$0	\$0		\$0		\$0	\$0
B. Channel Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Channel Treat.</i>				\$0	\$0		\$0		\$0	\$0
C. Road and Trails										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Road & Trails</i>				\$0	\$0		\$0		\$0	\$0
D. Structures										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Structures</i>				\$0	\$0		\$0		\$0	\$0
E. BAER Evaluation										
BAER Team				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>				\$0	\$0		\$0		\$0	\$0
Monitoring 2006										
Noxious Weeds				\$0	\$1,170		\$0		\$0	\$1,170
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Monitoring</i>				\$0	\$1,170		\$0		\$0	\$1,170
G. Totals				\$0	\$1,170		\$0		\$0	\$1,170

PART VII - APPROVALS

- _____

Forest Supervisor (signature)

Date
- _____

Regional Forester (signature)

Date