

Date of Report:8/20/2017

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: Bear Butte

B. Fire Number: OR-WWF-000629

C. State: Oregon

D. County: Baker

E. Region: 6

F. Forest: Wallowa-Whitman

G. District: Whitman

H. Date Fire Started: August 4, 2017

I. Date Fire Contained: estimated August 20, 2017

J. Suppression Cost: \$4,463,960

K. Fire Suppression Damages Repaired with Suppression Funds

- 1. Fireline waterbarred (miles): In progress
- 2. Fireline seeded (miles): None planned
- 3. Other (identify): N/A

L. Watershed Number: 170502030502

M. Total Acres Burned:

NFS Acres (499) Other Federal () State () Private ()

N. Vegetation Types: Cold Dry Upland Forest; Cool Moist Upland Forest; Warm Dry Upland Forest; Warm Moderate Soil Moisture Riparian Herbland. Thick lodgepole pine stands and grand fir/white fir stands with grouse whortleberry and pinegrass understory.

O. Dominant Soils: Loamy-skeletal, isotic Andic Humicryepts; Loamy-skeletal, isotic Andic Dystrocryepts

P. Geologic Types: Bald Mountain Batholith, a granitic stitching pluton.

Q. Miles of Stream Channels by Class: 1 – 1.35 mi. (Anatone Creek); 2 – 0.14 mi.; 3 – 0.73 mi.

R. Transportation System

Trails: 0 miles Roads: miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres):

129(26%) (low) 193(39%) (moderate) 83(17%) (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres):

 (low) (moderate) (high)

D. Erosion Potential: tons/acre

E. Sediment Potential: cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): N/A

B. Design Chance of Success, (percent): N/A

C. Equivalent Design Recurrence Interval, (years): N/A

D. Design Storm Duration, (hours): N/A

E. Design Storm Magnitude, (inches): N/A

F. Design Flow, (cubic feet / second/ square mile): N/A

G. Estimated Reduction in Infiltration, (percent): N/A

H. Adjusted Design Flow, (cfs per square mile): N/A

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency: None identified. The threat within moderate and high severity burn areas is accelerated erosion and debris flow. Most of the moderate and high severity burned areas were on slopes greater than 30% slope. This indicates that the probability of damage or loss to soil resources is likely. The magnitude, however, was determined to be minor at the landscape scale. Certain sites, it is recognized, will be impacted for the long-term, especially those where cumulative effects from both natural and anthropogenic past disturbances have occurred. But overall, recovery potential is judged to be high. Sampling of soil burn severity in the field suggested that below-ground effects to soils were not high across a majority of the burned over area. Fine roots, rhizomes, seeds, and organic material were present near the surface in moderate and low burn severity. In places, the fall of unconsumed needles from fire-killed trees has already provided some ground cover. Thus it was concluded that recovery potential, or the time it will take for vegetation to reestablish an effective ground cover will be less than two years for most of the fire. The risk to soil productivity and hydrologic function was determined to be low, and treatments unneeded.

B. Emergency Treatment Objectives:N/A

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

Land ____ % Channel ____ % Roads ____ % Other ____ %

D. Probability of Treatment Success: N/A

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

Team Leader:Larry Sandoval

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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.)

Land Treatments:

Channel Treatments:

Roads and Trail Treatments:

Structures:

I. Monitoring Narrative: N/A

(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.)

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										
				\$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
F. Monitoring										
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0		\$0	\$0
<i>Subtotal Monitoring</i>				\$0	\$0		\$0		\$0	\$0
G. Totals				\$0	\$0		\$0		\$0	\$0

PART VII - APPROVALS

1. _____
Forest Supervisor (signature)

Date

2. _____
Regional Forester (signature)

Date