USDA-FOREST SERVICE FS-2500-8 (6/06)

Date of Report: November 23, 2009

BURNED-AREA REPORT
(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

[x] 1. Funding request for estimated emergency stabilization funds
[ ] 2. Accomplishment Report
[ ] 3. No Treatment Recommendation

B. Type of Action

[x] 1. Initial Request (Best estimate of funds needed to complete eligible stabilization 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: Bielenburg Fire

B. Fire Number: MT-BDF-000026

C. State: Montana

D. County: Powell

E. Region: Northern

F. Forest: Beaverhead-Deerlodge

G. District: Pintler

H. Fire Incident Job Code: P1E2C8

I. Date Fire Started: July 12, 2009

J. Date Fire Contained:

K. Suppression Cost: $1,994,430

L. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): 2
2. Fireline seeded (miles): 0
3. Other: Skidgine line rehab (miles): 0.3

M. Watershed Number: 170102010407

N. Total Acres Burned: 1,956
NFS Acres(1,956) Other Federal ( ) State ( ) Private ( )

O. Vegetation Types: Lodgepole pine 60%, Douglas-fir 20%, Subalpine fir/spruce 15%, Aspen 5%. 70% of the area involved various grasses, 20% Sage, and 10% Willow

P. Dominant Soils: Typic Eutrocrepts with sandy loam surface textures

Q. Geologic Types: Surficial sedimentary deposits derived from granite

R. Miles of Stream Channels by Order or Class: na

S. Transportation System

Trails: miles Roads: miles

PART III - WATERSHED CONDITION

This part of the report was not completed since watershed emergency conditions for the Bielenburg Fire did not occur. Overall, the watershed impacts of the Bielenburg Fire are very minor. Within the estimated 1,956 acres fire perimeter, the fire was judged to be about 70% high intensity burn, 20% moderate intensity burn, and 10% low intensity or unburned. Most of the fire area is likely low burn severity with perhaps a few acres of moderate burn severity within the high burn intensity areas. A traditional BAER watershed emergency was not judged to occur but the fire is suitable for weed monitoring and treatments.

PART IV - HYDROLOGIC DESIGN FACTORS

This part of the report was not completed since watershed emergency conditions for the Bielenburg Fire did not occur.

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats:

No heritage resources are at risk in this area. There are no risks to fisheries treatable by BAER.

Noxious weeds/invasive plant species pose a threat to the composition, structure, and function of native plant communitites. Depending on burn severity and site potential, fire as a disturbance process has the potential to greatly exacerbate infestations of certain noxious weed species. Soil disturbances resulting from all levels of burn intensities in a wildfire incident and fire suppressin related activites (hand lines, structure protection, drop spots, camps, etc.) that cause vegetation and soil alteration provide the optimum conditions for noxious weed invasion. Trail corridors are vulnerable to noxious weed invasion. Burning removes existing vegetation, increasing the prevalence and spread of existing weed populations.

The potential is moderate for accelerated expansion of noxious weed species within the fire perimeter. Moderate to high intensity burn acres provide ideal seedbeds for noxious weed establishment.

B. Emergency Treatment Objectives:

Noxious Weeds/Invasive Plant Species: Assess and treat the fire effects to the forest vegetation resource, including sensitive plant species, and identify values at risk associated with vegetation changes and losses. Determine rehabilitation and monitoring needs supported by specifications to aid in vegetative recovery and watershed stabilization efforts. Provide management recommendations to assist in vegetative recovery, prevent noxious weed spread into burned areas, and protect or restore species of concern.

C. Probability of Completing Treatment Prior to Damaging Storm or Event:

Land **na** % Channel **na** % Roads/Trails **na** % Protection/Safety **na** %

D. Probability of Treatment Success: **na**

E. Cost of No-Action (Including Loss): **na**

F. Cost of Selected Alternative (Including Loss): **na**

G. Skills Represented on Burned-Area Survey Team:

[ ] Hydrology	[**x**] Soils	[ ] Geology	[**x**] Range
[ ] Forestry	[ ] Wildlife	[**x**] Fire Mgmt.	[ ] Engineering
[ ] Contracting	[ ] Ecology	[ ] Botany	[x] Archaeology
[**x**] Fisheries	[ ] Research	[ ] Landscape Arch	[ ] GIS

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H. **Treatment Narrative:**

Land Treatments:

Noxious Weed Detection and Treatment: Treat noxious weed/invasive species infestation sites within the burned area to reduce the population and help prevent the expansion of weeds into newly disturbed sites. The use of herbicides will be used to help prevent the spread and establishment of noxious weeds, especially within the moderate to high intentsity burn areas. Noxious weed treatment will be implemented in accordance with the 2002 Beaverhead-Deerlodge National Forest Noxious Weed Control EIS.

I. **Monitoring Narrative:** na

Part VI – Emergency Stabilization Treatments and Source of Funds **Interim #**

			NFS Lands				Other Lands				All
		Unit	# of		Other		# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	BAER $	$		units	$	Units	$	$
A. Land Treatments											
Noxious Weed Detection &Treatments	acres	100	100	$10,000	$0			#REF!		#REF!	#REF!
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
Insert new items above this line!				$0	$0			$0		$0	$0
Subtotal Land Treatments				$10,000	$0			#REF!		#REF!	#REF!
B. Channel Treatments											
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
Insert new items above this line!				$0	$0			$0		$0	$0
Subtotal Channel Treat.				$0	$0			$0		$0	$0
C. Road and Trails											
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
Insert new items above this line!				$0	$0			$0		$0	$0
Subtotal Road & Trails				$0	$0			$0		$0	$0
D. Protection/Safety											
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
				$0	$0			$0		$0	$0
Insert new items above this line!				$0	$0			$0		$0	$0
Subtotal Structures				$0	$0			$0		$0	$0
E. BAER Evaluation											
Team evaluation	ea	800	1	$800	$800			$0		$0	$800
Bielenberg BAER Administration	ea	2000	1	$2,000							
Insert new items above this line!				---	$0			$0		$0	$0
Subtotal Evaluation				---	$800			$0		$0	$800
F. Monitoring											
				$0	$0			$0		$0	$0
Insert new items above this line!				$0	$0			$0		$0	$0
Subtotal Monitoring				$0	$0			$0		$0	$0
G. Totals				$12,000	$800			**#REF!**		**#REF!**	**#REF!**
Previously approved											
Total for this request				**$12,000**							

PART VII - APPROVALS

1. /s/ David R. Myers 12/17/09
   Forest Supervisor (signature) Date

2. _____ _____
   Regional Forester (signature) Date