

8/22/2008

Date of Report:

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST**

A. Type of Report

- ☒ 1. Funding request for estimated emergency stabilization funds
☐ 2. Accomplishment Report
☐ 3. No Treatment Recommendation

B. Type of Action

- ☒ 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 DESCRIPTIONA. Fire Name: Russian FlatsB. Fire Number: MT-LCF-8024C. State: MontanaD. County: Judith BasinE. Region: R1F. Forest: Lewis and Clark National ForestG. District: Judith D4H. Fire Incident Job Code: P1EEW0I. Date Fire Started: 08/02/08J. Date Fire Contained: 08/20/08K. Suppression Cost: \$1,640,000

L. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles):
2. Fireline seeded (miles):
3. Other (identify):

M. Watershed Number: 100401030402N. Total Acres Burned: 743

NFS Acres (743) Other Federal (0) State (0) Private (0)

O. Vegetation Types: Douglas fir/Subalpine fir/lodgepoleP. Dominant Soils: Typic Cryochrepts, Silt loamy skeletal, carbonic, Typic Cryoboralfs, loamy-skeletal with loam to light sandy clay loam surface

Q. Geologic Types: Limestone dominate

R. Miles of Stream Channels by Order or Class:

S. Transportation System

Trails: 0 miles Roads: 0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 320 (low) 423 (moderate) (high)

B. Water-Repellent Soil (acres): 445

C. Soil Erosion Hazard Rating (acres):
 (low) 495 (moderate) (high)

D. Erosion Potential: 26 tons/acre

E. Sediment Potential: cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 3 to 5 (on low severity, 10-20 years on moderate)

B. Design Chance of Success, (percent): 90

C. Equivalent Design Recurrence Interval, (years): 5

D. Design Storm Duration, (hours): 5

E. Design Storm Magnitude, (inches): 3.11

F. Design Flow, (cubic feet / second/ square mile): n/a (no flooding risk anticipated)

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 Critical Values/Resources and Threats:

The Russian Flats Fire was 743 acres located on an unnamed drainage of the South Fork Judith River. The fire was located all within the forest boundary and there is little risk to structures and to human health or safety. The potential for accelerated expansion of noxious weed species within the fire perimeter, especially along trails is high. Moderate intensity burn acres provide ideal seedbeds for noxious weed establishment with little competition from native vegetation.

Due to the location and relative small size of the fire, there is little risk to structures and to human health or safety.

B. Emergency Treatment Objectives:

No emergency treatment is requested.

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

Land ___ % Channel ___ % Roads/Trails ___ % Protection/Safety ___ %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land	n/a		
Weed assessment needed in 09			
Channel	n/a		
Roads/Trails	n/a		
Protection/Safety	n/a		

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

Weed assessment within the 743 acre burn area is justified to protect ecological integrity, soil productivity, and reduced weed spread potential on burned areas and onto currently unburned areas. It is the BAER teams opinion that the value of protecting the ecological integrity and soil productivity from infestation easily exceeds the \$3000 implied minimum value.

F. Cost of Selected Alternative (Including Loss):

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 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	

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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.)

Land Treatments:

No Land Treatment prescribed at this time. Assessment of weeds is planned to limit the possible spread of weeds as a result of the fire.

Channel Treatments:

No Channel Treatment Prescribed at this time.

Roads and Trail Treatments:

No roads or trail treatments prescribed at this time.

Protection/Safety Treatments:

No protection/safety treatments prescribed at this time.

I. Monitoring Narrative:

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											
				\$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 Land Treatments				\$0	\$0			\$0		\$0	\$0
B. Channel Treatments											
				\$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 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											
2-GS-11	250/day	500	2	\$1,000				\$0		\$0	\$0
Insert new items above this line!				---	\$0			\$0		\$0	\$0
Subtotal Evaluation				---	\$0			\$0		\$0	\$0
F. Monitoring											
Weeds Assessment	year	1000	1	\$1,000	\$0			\$0		\$0	\$1,000
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Monitoring				\$1,000	\$0			\$0		\$0	\$1,000
G. Totals				\$2,000	\$0			\$0		\$0	\$1,000
Previously approved											
Total for this request				\$2,000							

PART VII - APPROVALS

1. /s/ Robin Strathy for Lesily Thompson 8/22/2008
Forest Supervisor (signature) Date

2. _____
Regional Forester (signature) _____ Date _____