

Date of Report: 07/12/2012

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 DESCRIPTION

- A. Fire Name:** Range Fire **B. Fire Number:** NV-ELD-40086
C. State: Nevada **D. County:** White Pine County
E. Region: 04 **F. Forest:** 17
G. District: Ely **H. Fire Incident Job Code:** P4G0HM
I. Date Fire Started: 07/02/2012 **J. Date Fire Contained:** 07/06/2012
K. Suppression Cost: \$ 425,500
L. Fire Suppression Damages Repaired with Suppression Funds
 1. Fireline waterbarred (miles): 0.1
 2. Fireline seeded (miles): 3
 3. Other (identify): jute netting installed, cut fences repaired
M. Watershed Number: 160600081402 and minor amounts in 160600081302
N. Total Acres Burned: (rounded)
 [752] NFS Acres [3756] Other Federal [0] State [127] Private

O. Vegetation Types: Dormant brush, hardwood slash, sagebrush, grass, pinyon pine, juniper, mountain mahogany.

P. Dominant Soils: Hutchley, Grandeposit series

Q. Geologic Types: Quartzite

R. Miles of Stream Channels by Order or Class: 3.8 miles of intermittent streams on the fs portion of the fire. No perennial streams.

S. Transportation System

Trails: 0 miles

Roads: .15 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): for FS land 626 (**low**) 28 (**moderate**) 0 (**high**)

B. Water-Repellent Soil (acres): not surveyed for.

C. Soil Erosion Hazard Rating (acres): 10 (**low**) 764 (**moderate**) 0 (**high**)

D. Erosion Potential: .28 tons/acre

E. Sediment Potential: 17.8 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 1-3yrs

B. Design Chance of Success, (percent): 95

C. Equivalent Design Recurrence Interval, (years): 2yr

D. Design Storm Duration, (hours): 6hr

E. Design Storm Magnitude, (inches): .894in

F. Design Flow, (cubic feet / second/ square mile): .61

G. Estimated Reduction in Infiltration, (percent): 0

H. Adjusted Design Flow, (cfs per square mile): .66

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats (narrative):

Soil Productivity Loss: Due to the low burn severity found in the fire area this value was not carried forward

Mine features: No new features were detected on FS land during our resource flight.

Archeology: The team archeologists determined that there are no at-risk cultural resources from the Range Fire. The archeologists reviewed the Nevada Cultural Resource Database (NVCRIS), USGS topographic maps, Ely Ranger District Heritage Database, General Land Office Maps (1872 and 1875), and known histories of local mining districts. Additionally, there are no indicators of prehistoric sites, as the area is very steep and does not contain reliable water sources.

Sage Grouse habitat: Within the Forest Service portion of the Range Fire, there are about 428 acres of Preliminary Priority Habitat (PPH) and about 76 acres of Preliminary General Habitat (PGH) for sage grouse. None of the sage grouse PPH or PGH showed high severity burning. Within the PPH on the Forest, there were less than 10 acres in moderate severity category and 326 acres in the low severity category. Within the PGH on the Forest, there were 18 acres in the moderate severity category and 60 acres in the low. These acres are expected to recovery without any rehab efforts.

B. Emergency Treatment Objectives (narrative): during assessment it was determined that no treatments were needed for the fire area.

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

Land 100% Channel 100% Roads/Trails 100% Protection/Safety 100%

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land	100	100	100
Channel	100	100	100
Roads/Trails	100	100	100
Protection/Safety	100	100	100

E. Cost of No-Action (Including Loss): 0\$

F. Cost of Selected Alternative (Including Loss): 0\$

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"/> Forestry	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input checked="" type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" 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: none

Channel Treatments: none

Roads and Trail Treatments: none

Protection/Safety Treatments: none. All observed open mine shafts appear to be on private or blm land.

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.)

No monitoring proposed

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

Part IV - Emergency Stabilization Treatments and Closure of Lands											
			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											
				---				\$0		\$0	\$0
Insert new items above this line!				---	\$0			\$0		\$0	\$0
Subtotal Evaluation				---	\$0			\$0		\$0	\$0
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				\$0	\$0			\$0		\$0	\$0
Previously approved											
Total for this request				\$0							

PART VII - APPROVALS

1. _____
Forest Supervisor (signature) _____
Date _____
2. _____
Regional Forester (signature) _____
Date _____