

BURNED-AREA REPORT

(Reference FSH 2509.13)

A. Type of Report

- ### B. Type of Action

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Q. Geologic Types: Latite and rhyolite rocks.

R. Miles of Stream Channels by Order or Class: No perennial streams are within the burn perimeter.

S. Transportation System

Trails: 0 miles Roads: 0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 1,069 (unburned and low) 879 (moderate) 190 (high)

B. Water-Repellent Soil (acres): 0 - No hydrophobicity found during field assessment

C. Soil Erosion Hazard Rating (acres):
210 (low) 1,880 (moderate) 45 (high)

D. Erosion Potential: less than 3 tons/acre

E. Sediment Potential: NA cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 5 years for oakbrush recovery

B. Design Chance of Success, (percent): NA, No Treatment Recommended

C. Equivalent Design Recurrence Interval, (years): NA, No Treatment Recommended

D. Design Storm Duration, (hours): NA, No Treatment Recommended

E. Design Storm Magnitude, (inches): NA, No Treatment Recommended

F. Design Flow, (cubic feet / second/ square mile): NA, No Treatment Recommended

G. Estimated Reduction in Infiltration, (percent): NA, No Treatment Recommended

H. Adjusted Design Flow, (cfs per square mile): NA, No Treatment Recommended

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats:

Human Life and Safety

- Probability of Damage or Loss – Unlikely Occurrence (<10%)
- Magnitude of Consequences – Moderate (injury to humans possible)
- Risk – Low

If human life and safety risks increase from post fire hazards, this area can be closed. No treatments are recommended for the protection of human life and safety.

Property

- Probability of Damage or Loss –Possible Occurrence (10-50%) for Fences
- Magnitude of Consequences – Minor to Moderate
- Risk – Low to Intermediate

Allotment fence has been comprised in numerous areas throughout the fire. No treatments are recommended for fence reconstruction as it does not merit an emergency response. Actions for management of livestock in this area could consider limiting utilization and/or active livestock herding until fire rehabilitation funding could be acquired in this area for fence repair.

Natural Resources – Soil Productivity, Hydrologic Function, and Agricultural Water Supply

- Probability of Damage or Loss – Unlikely Occurrence (<10%)
- Magnitude of Consequences – Minor
- Risk – Very Low

This fire created a mosaic of dominantly unburned, low and moderate severity. Buffers in Lower Big Canyon should help assist flow that will go into Little Pine Creek and the intake for the Enterprise Irrigation Company. No treatments are recommended for the protection for soil productivity or hydrologic function.

Natural Resources – Critical or Suitable Occupied Habitat for Federally Listed T&E

- Probability of Damage or Loss – Unlikely Occurrence (<10%)
- Magnitude of Consequences – Minor
- Risk – Very Low

No federally listed T&E species are found near the Little Pine Fire and no treatments are needed.

Natural Resources – Native or naturalized Communities on NFS lands where Invasive Species or Noxious Weeds are absent or present in only minor amounts

- Probability of Damage or Loss – Possible Occurrence (10-50%)
- Magnitude of Consequences – Minor to Moderate
- Risk – Low to Intermediate

Invasive and noxious weed monitoring is needed in this area and should be conducted in the spring/early summer of 2013. Treatments could be warranted if invasive and noxious weed concerns are discovered. Currently more than 5 known noxious weed locations are found adjacent to the Little Pine fire perimeter. Early Detection, Rapid Response treatments are recommended.

Cultural and Heritage Resources

- Probability of Damage or Loss – Unlikely Occurrence (<10%)
- Magnitude of Consequences – Minor
- Risk – Very Low

No known sites are within the fire perimeter and the dominant moderate burn severity is not expected to have an adverse impact to any undiscovered cultural/heritage resources in the area. No treatments are recommended at this time.

B. Emergency Treatment Objectives: Reduce the risk of noxious weed encroachment into the burn area and areas disturbed by suppression equipment that may have brought weed seeds into the burn area. This is to allow the burn area to recover to native plant communities.

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,

	Years after Treatment		
	1	3	5
Land	85	80	80
Channel			
Roads/Trails			
Protection/Safety			

E. Cost of No-Action (Including Loss): \$40,000 Includes cost to control weeds in years 2-5 following fire if no emergency treatment is completed. Estimated 100 acres of treatment per year at \$100/ac. .

F. Cost of Selected Alternative (Including Loss): \$6000 Includes cost of emergency treatment plus EDRR to treat weeds that sprouted or were missed in the emergency period. Estimated emergency treatment \$2000. Estimated treatment of EDRR years 2-5 is 10 acres at \$100/ac (\$4000).

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 checked="" 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 checked="" type="checkbox"/> GIS	

Team Leader: Rich Jaros

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Phone: 435-865-3722

FAX: 435-865-3791

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:

Noxious Weed Treatment (EDRR)

The purposes of the EDRR treatment is to prevent known noxious weed infestations from spreading and/or increasing in density, to detect and rapidly respond to new infestations associated with fire suppression/fire effects of the Little Pine Fire.

EDRR will be at an intensity and frequency to identify the spread or occurrence of weed infestations following the fire event and recovery. EDRR will be conducted starting in 2013 under BAER authorization. The following areas will be surveyed for establishment or spread of noxious weed, if noxious weed infestations are identified an appropriate treatment will be implemented to eradicate or control the infestation (i.e. hand pulling, herbicide application, biological agent control, seeding of native species). EDRR within the burned area will focus on areas with existing noxious weed infestations and adjacent areas.

1) Area Disturbed by Suppression Actions and the Burned Area:

- Two spike camps
- Handlines associated with suppression.
- One temporary repeater sites
- Selected locations within the cattle grazing allotments. Locations to be determined and implemented by Range Staff.

Channel Treatments:

Not applicable, no treatment recommended.

Roads and Trail Treatments:

Not applicable, no treatment recommended.

Protection/Safety Treatments:

Not applicable, no treatment recommended.

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.)

Part VI – Emergency Stabilization Treatments and Source of Funds
Initial Request

Line Items	Units	Unit Cost	NFS Lands		Other \$	Other Lands			All Total \$
			# of Units	BAER \$		# of units	Fed \$	# of Units Non Fed \$	
A. Land Treatments									
EDRR	days	500	4	\$2,000	\$0		\$0	\$0	\$2,000
				\$0	\$0		\$0	\$0	\$0
				\$0	\$0		\$0	\$0	\$0
<i>Insert new items above this line!</i>				\$0	\$0		\$0	\$0	\$0
Subtotal Land Treatments				\$2,000	\$0		\$0	\$0	\$2,000
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
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
<i>Insert new items above this line!</i>				\$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
<i>Insert new items above this line!</i>				\$0	\$0		\$0	\$0	\$0
Subtotal Structures				\$0	\$0		\$0	\$0	\$0
E. BAER Evaluation									
Assessment				\$3,500	\$0		\$0	\$0	\$0
<i>Insert new items above this line!</i>				---	\$0		\$0	\$0	\$0
Subtotal Evaluation				---	\$0		\$0	\$0	\$0
F. Monitoring									
<i>Insert new items above this line!</i>				\$0	\$0		\$0	\$0	\$0
Subtotal Monitoring				\$0	\$0		\$0	\$0	\$0
G. Totals				\$2,000	\$0		\$0	\$0	\$2,000
Previously approved									
Total for this request				\$2,000					

PART VII - APPROVALS

1. /s/Kevin R. Schulkoski _____
Acting Forest Supervisor (signature)

8/21/2012 _____
Date

2. _____
Regional Forester (signature)

Date