

**Date of Report: 09/09/2020****BURNED-AREA REPORT****PART I - TYPE OF REQUEST****A. Type of Report**

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

**B. Type of Action**

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible stabilization measures)
- ☐ 2. Interim Request #\_\_\_\_\_
- ☐ Updating the initial funding request based on more accurate site data or design analysis

**PART II - BURNED-AREA DESCRIPTION****A. Fire Name: Frog Fire****B. Fire Number: OR-OCF-000657****C. State: OR****D. County: Crook****E. Region: 6****F. Forest: Ochoco****G. District: Lookout Mountain****H. Fire Incident Job Code: P6NF7320 0607****I. Date Fire Started: 8/20/2020****J. Date Fire Contained: 9/4/2020****K. Suppression Cost:****L. Fire Suppression Damages Repaired with Suppression Funds (estimates):**

1. **Fireline repaired (miles):** Actual number of miles not available
2. **Other (identify):**
  1. Repaired fences cut during suppression actions;
  2. Outsloped firelines and dozer lines and constructed waterbars across lines;
  3. Placed rocks, logs and small diameter material back on firelines to disguise and obliterate;
  4. Chipped suppression generated slash on contingency lines, staging and parking areas, drop points and along roadsides and discharged chips on fill slope of roads;
  5. Graded sections of FSR 16, 1610, 1640 and 1750 impacted due to suppression activity re-establishing existing drainage and filled in burnt out stump holes (2);
  6. Rehabilitated dozer line creek crossings (Little Deer Creek) with appropriate grade and drainages.

**M. Watershed Numbers:***Table 1: Acres Burned by Watershed*

HUC #	Watershed Name	Total Acres	Acres Burned	% of Watershed Burned

HUC #	Watershed Name	Total Acres	Acres Burned	% of Watershed Burned

**N. Total Acres Burned: 4,020 Acres***Table 2: Total Acres Burned by Ownership*

OWNERSHIP	ACRES
NFS	
OTHER FEDERAL (LIST AGENCY AND ACRES)	
STATE	
PRIVATE	
TOTAL	

**O. Vegetation Types:****P. Dominant Soils:****Q. Geologic Types:****R. Miles of Stream Channels by Order or Class:***Table 3: Miles of Stream Channels by Order or Class*

STREAM TYPE	MILES OF STREAM
PERENNIAL	
INTERMITTENT	
EPHEMERAL	
OTHER (DEFINE)	

**S. Transportation System:**

Trails: National Forest (miles):

Other (miles):

Roads: National Forest (miles):

Other (miles):

**PART III - WATERSHED CONDITION****A. Burn Severity (acres):***Table 4: Burn Severity Acres by Ownership*

Soil Burn Severity	NFS	Other Federal (List Agency)	State	Private	Total	% within the Fire Perimeter
Unburned	656.15			82.70	738.85	18.8
Low	913.16			383.25	1629.45	41.5
Moderate	1211.14			418.31	1296.41	33.0
High	248.72			17.56	266.28	6.8
Total	3029.17			901.82	3930.99	100.0

**B. Water-Repellent Soil (acres):****C. Soil Erosion Hazard Rating:****D. Erosion Potential:****E. Sediment Potential:**

**F. Estimated Vegetative Recovery Period (years):****G. Estimated Hydrologic Response (brief description):****PART V - SUMMARY OF ANALYSIS****Introduction/Background****A. Describe Critical Values/Resources and Threats (narrative):***Table 5: Critical Value Matrix*

Probability of Damage or Loss	Magnitude of Consequences		
	Major	Moderate	Minor
	<b>RISK</b>		
Very Likely	<b>Very High</b>	<b>Very High</b>	<b>Low</b>
Likely	<b>Very High</b>	<b>High</b>	<b>Low</b>
Possible	<b>High</b>	<b>Intermediate</b>	<b>Low</b>
Unlikely	<b>Intermediate</b>	<b>Low</b>	<b>Very Low</b>

**1. Human Life and Safety (HLS):**

- a. Danger Trees: Immediate risk associated with danger trees along FS roads 1600, 1610, 1640, and 1750 will be treated under suppression repair to ensure safety of the mop up efforts. Danger trees located along FSR 1600-024 and 1600-025 between Drop Points 245 & 246 are not scheduled for treatment, since these are ML 1 roads and closed under travel management. Probability of damage or loss regarding danger trees is **possible** with a magnitude of consequence of **major**. This results in a **High Risk** for critical value.

As mentioned previously there are ongoing efforts to mitigate this risk.

2. **Property (P):** Forest Service Roads: Several forest service roads are located along the perimeter of the fire (FS Roads 16, 1610, 1640). There are little threats to these assets due mostly to moderate/low burn severities, small contributing drainage areas that were burned, and/or low gradient culvert crossings with little to no past history of overtopping. FS roads 1750 and 1750-200 bisect the fire. The threats to these assets are deemed lower due to road geometry consisting of a combination of outsloping and existing drainage treatments (ie. frequent drainage dips), rocky soils, suppression repair activities, and small contributing drainage areas. Probability of damage or loss to the road prism is **possible** with a magnitude of consequence of **minor**. This results in a **Low Risk** for critical value.

- b. Cattle Guards: Not typically covered by BAER, approximately four cattle guards had fire damage to the foundations in the bracing members. Repair of these would be roughly \$1,750 each.
- c. Range Allotment Fences and Water Developments: Not typically covered by BAER, these fences and water developments are important for successful management of grazing allotments and wildlife. Replacement of these amenities will be an economic hardship on both the forest and the permittees. Work includes:  
Miles of boundary fence between pastures: 7 miles  
Miles of boundary fence between private and allotment: 7 miles  
Number of water developments: 7 all in Florida pasture
- d. Boundary Signs: Not typically covered by BAER, approximately 1.5 miles of boundary signs between Forest Service land and private land need reposted. Reposting of this boundary would help prevent grazing and possible harvesting as private land owners will most likely

harvest their timber along these boundaries and/or ranch. Estimated cost of reposting is \$2,500/mile.

- 3. Natural Resources (NR):** Native Plant Communities and Invasive Plant Species: One invasive plant species/noxious weed was identified in the fire area, along the dozer line off FSR 1750. Estimated at about 0.3 acres of knapweed. The dozer dropped its blade the entire length for about 0.3 miles, due to the intensity of the fire, knapweed will likely spread up the dozer line due to fire suppression activities. Probability of damage or loss regarding spread of invasive plants is **likely** with a magnitude of consequence of **moderate**. This results in a **High Risk** for critical value. However current treatment cannot be justified, since this is not within a large contiguous areas of moderate/high burn severity adjacent to existing weed populations.

**4. Cultural and Heritage Resources:**

- a. Known cultural sites are along the Sherwood and Klootchman Creek drainages, east of the fire boundary on the Forest Service 16 and 1640 roads. The sites are all lithic scatters. There is minimal risk for post-fire erosion or sedimentation. Probability of damage or loss resulting from fire area generated erosion/sediment is **unlikely** with a magnitude of consequence of **minor**. This results in a **Very Low Risk** for these critical values.

**B. Emergency Treatment Objectives:**

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

Land:

Channel:

Roads/Trails:

Protection/Safety:

**D. Probability of Treatment Success**

Table 6: Probability of Treatment Success

	1 year after treatment	3 years after treatment	5 years after treatment
Land			
Channel			
Roads/Trails			
Protection/Safety			

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

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

**G. Skills Represented on Burned-Area Survey Team:**

- |   |   |   |                                   |   |
|---|---|---|-----------------------------------|---|
| <input type="checkbox"/> Soils              | <input checked="" type="checkbox"/> Hydrology | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> GIS      | <input checked="" type="checkbox"/> Archaeology |
| <input checked="" type="checkbox"/> Weeds   | <input type="checkbox"/> Recreation           | <input type="checkbox"/> Fisheries              | <input type="checkbox"/> Wildlife |   |
| <input checked="" type="checkbox"/> Other - | Range   |   |                                   |   |

**Team Leader:** Rob Tanner & Peggy Fisher

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**Phone(s)**

**Forest BAER Coordinator:** Rob Tanner

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**Phone(s):** (503.812.3221)

**Team Members:** Table 7: BAER Team Members by Skill

Skill	Team Member Name
Team Lead(s)	Rob Tanner, Peggy Fisher

Skill	Team Member Name
<i>Soils</i>	
<i>Hydrology</i>	Rob Tanner
<i>Engineering</i>	Bryan Kurtz, Peggy Fisher
<i>GIS</i>	
<i>Archaeology</i>	Jay Kinsman, Anastasia Lugo-Mendez
<i>Weeds</i>	Jennifer Carson
<i>Recreation</i>	
<i>Other</i>	

**H. Treatment Narrative:****Land Treatments:****Channel Treatments:****Roads and Trail Treatments:****Protection/Safety Treatments:****I. Monitoring Narrative:**

**PART VI – EMERGENCY STABILIZATION TREATMENTS AND SOURCE OF FUNDS**

Line Items	Units	Unit Cost	# of Units	BAER \$	Other \$	# of units	Fed \$	# of Units	Non Fed \$	Total \$
<b>A. Land Treatments</b>										
				\$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>B. Channel Treatments</b>										
				\$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 Treatments</i>				\$0	\$0		\$0		\$0	\$0
<b>C. Road and Trails</b>										
				\$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 and Trails</i>				\$0	\$0		\$0		\$0	\$0
<b>D. Protection/Safety</b>										
				\$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 Protection/Safety</i>				\$0	\$0		\$0		\$0	\$0
<b>E. BAER Evaluation</b>										
Initial Assessment	Report			---	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
<i>Insert new items above this line!</i>				---	\$0		\$0		\$0	\$0
<i>Subtotal Evaluation</i>				\$0	\$0		\$0		\$0	\$0
<b>F. Monitoring</b>										
				\$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 Monitoring</i>				\$0	\$0		\$0		\$0	\$0
<b>G. Totals</b>				\$0	\$0		\$0		\$0	\$0
Previously approved										
Total for this request				\$0						

**PART VII - APPROVALS**

1. \_\_\_\_\_  
 Forest Supervisor Date