

Date of Report: 10.22.2021**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:** Club Fire**B. Fire Number:** ID.PAF.000427**C. State:** Idaho**D. County:** Idaho**E. Region:** R4**F. Forest:** Payette NF**G. District:** Krassel**H. Fire Incident Job Code:** P4NGA221**I. Date Fire Started:** 07-17-2021**J. Date Fire Contained:** 10-13-2021**K. Suppression Cost:** \$363,000**L. Fire Suppression Damages Repaired with Suppression Funds (estimates):**

1. Fireline repaired (miles): 0.2
2. Other (identify):

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

HUC #	Watershed Name	Total Acres	Acres Burned	% of Watershed Burned
170602060603	Crooked Creek	25356	506	2%
170602070304	Whimstick Creek	25916	3265	12.6%

N. Total Acres Burned:*Table 2: Total Acres Burned by Ownership*

OWNERSHIP	ACRES
NFS	4,524

OWNERSHIP	ACRES
OTHER FEDERAL (LIST AGENCY AND ACRES)	
STATE	
PRIVATE	
TOTAL	4,524

O. Vegetation Types: Vegetation consists of dense stands of lodgepole pine with some areas having subalpine fir and Englemann spruce. The understory is grouse whortleberry, beargrass and elk sedge. Most typical habitat types are subalpine fir/grouse whortleberry and subalpine fir/beargrass. Ground cover is mostly 90 to 100 percent.

P. Dominant Soils: Typic Cryopsamments, mixed and Typic Cryochrepts, coarse-loamy, mixed. The dominant Landtype is Cryoplanated Basin Land - Moderately Deep Sandy and Coarse Loamy Soils Over Soft Bedrock

Q. Geologic Types: Hornblende-biotite granite

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	10.9
INTERMITTENT	1.3
EPHEMERAL	
OTHER (DEFINE)	

S. Transportation System:

Trails: National Forest (miles): 2.6

Other (miles):

Roads: National Forest (miles):

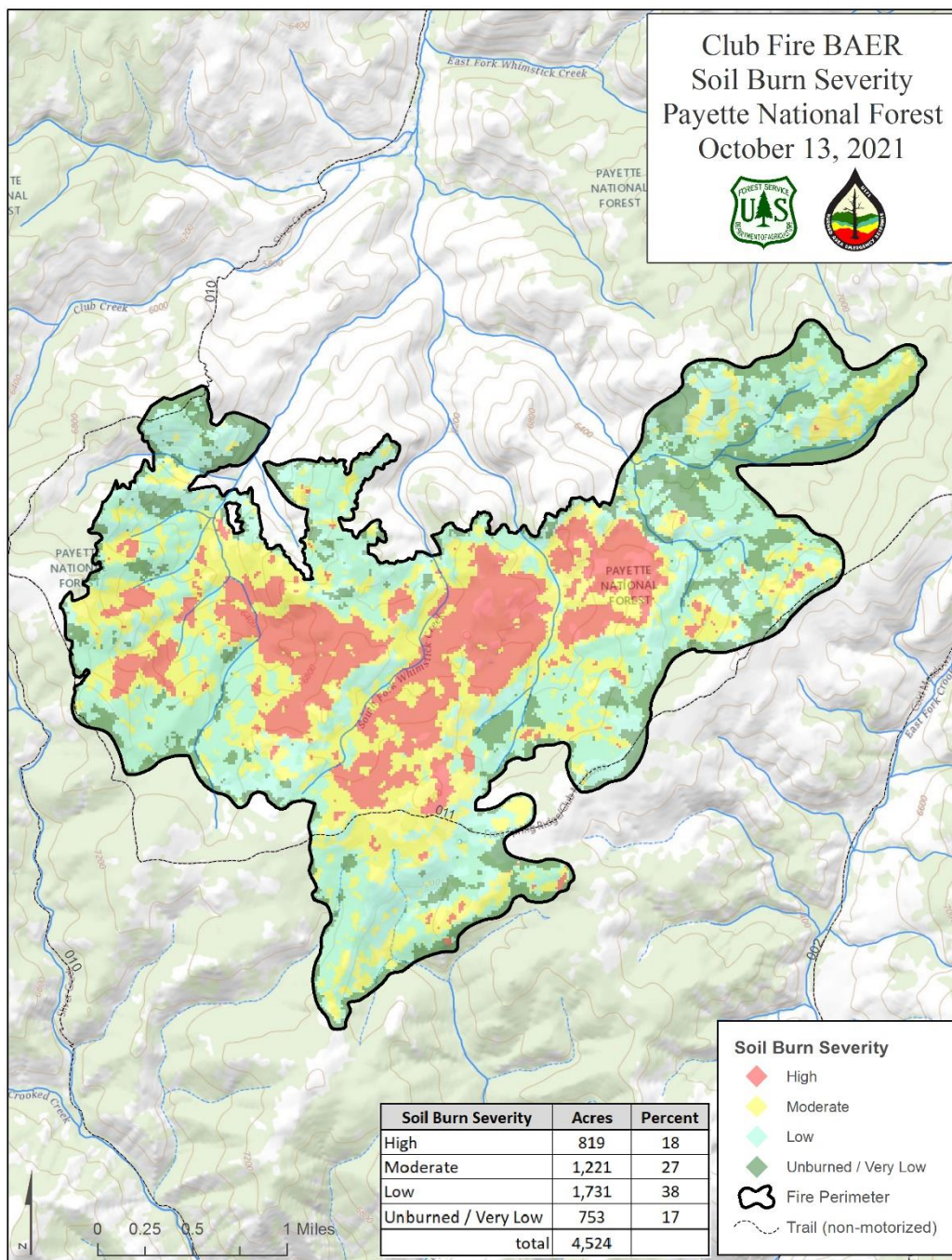
Other (miles):

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	770					17
Low	1,679					37
Moderate	1,252					28
High	824					18
Total	4,524					100



- B. Water-Repellent Soil (acres):** Undetermined (no field validation). It is estimated that the high and moderate severity burn, totaling 9% of the fire are, had some degree of water repellency and will influence erosion rates.
- C. Soil Erosion Hazard Rating:** Landtype-based erosion hazard ratings for the burned area are: Low – 4,090 acres (90%), Moderate 97 acres (2%), High 337 acres (7%)
- D. Erosion Potential:** Erosion hazard of the natural surface is low because of the loam and fine sandy loam soil surfaces and gently topography. The erosion potential would be low from unburned and low Soil Burn Severity (SBS) lands and moderated from moderate and high SBS lands.
- E. Sediment Potential:** Sediment potential is low to moderate due to low erosion potential, gentle topography, and moderate drainage density within the fire perimeter.

F. Estimated Vegetative Recovery Period (years): 5

G. Estimated Hydrologic Response (brief description): It is reasonable to expect increased post-fire runoff in drainages with moderate to high soil burn severity, including the SW tributary to S. Fk. Whimstick Creek and the South Fork Whimstick Creek drainages. No hydrologic modeling was performed for this fire due to lack of VAR in this wilderness setting.

PART V - SUMMARY OF ANALYSIS**Introduction/Background**

A. Describe Critical Values/Resources and Threats (narrative): The Club fire occurred within the Frank Church River of No Return Wilderness where natural processes are encouraged. There were no values at risk identified that warranted emergency treatments. Of the 2.6 miles of trail within the fire perimeter, most occurred in low or unburned Soil Burn Severity (SBS) lands.

Table 5: Critical Value Matrix

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

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

2. **Property (P):**

3. **Natural Resources (NR):**

4. **Cultural and Heritage Resources:** The Club Fire has no previously recorded cultural resources or cultural surveys within the burn perimeter, nor within 250 meters of the burn perimeter. At this time there are no known cultural or heritage resource values at risk.

B. Emergency Treatment Objectives:**C. 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):**

Skills Represented on Burned-Area Survey Team:

☒ Soils ☒ Hydrology ☒ Engineering ☒ GIS ☒ Archaeology
☐ Weeds ☒ Recreation ☒ Fisheries ☒ Wildlife
☐ Other:

Team Leader: John Dixon

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Forest BAER Coordinator: Leigh Bailey

Email: Susan.Bailey@usda.gov

Phone(s): 208-634-0793

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

Skill	Team Member Name
<i>Team Lead(s)</i>	John Dixon
<i>Soils</i>	John Dixon
<i>Hydrology</i>	John Dixon, Camron Carsley (trainee)
<i>Engineering</i>	Ben Dreier
<i>GIS</i>	Cameron Carsley
<i>Archaeology</i>	Marielle Pedro Black
<i>Weeds</i>	Joshua Simpson
<i>Recreation</i>	Joshua Simpson
<i>Fisheries</i>	Caleb Zurstadt
<i>Wildlife</i>	Brian Davis
<i>Botany</i>	Kristin Williams
<i>Other</i>	

G. Treatment Narrative: N/A

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 \$
A. Land Treatments										
				\$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. Channel Treatments										
				\$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
C. Road and Trails										
				\$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
D. Protection/Safety										
				\$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
E. BAER Evaluation										
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
F. Monitoring										
				\$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
G. Totals				\$0	\$0		\$0		\$0	\$0
Previously approved										
Total for this request				\$0						

PART VII - APPROVALS

1. _____
 Forest Supervisor Date