

Date of Report:**8/5/2019****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)
212
- ☐ 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: Blue Fire****B. Fire Number: AZASF-000392****C. State: AZ****D. County: Greenlee****E. Region: Southwestern****F. Forest: Apache-Sitgreaves NF****G. District: Alpine****H. Fire Incident Job Code: P3MC4N****I. Date Fire Started: 6/30/2019****J. Date Fire Contained: 7/29/19****K. Suppression Cost: \$30,000****L. Fire Suppression Damages Repaired with Suppression Funds (estimates):** Click here to enter text.1. **Fireline repaired (miles):** Click here to enter text.2. **Other (identify):** Click here to enter text.**M. Watershed Numbers:***Table 1: Acres Burned by Watershed*

HUC #	Watershed Name	Total Acres	Acres Burned	% of Watershed Burned
150400040504	Centerfire Creek-Blue River	17,311	177.5	1.0%
150400040503	Campbell Blue Creek	34,218	1,990.7	5.8 %

N. Total Acres Burned:

Table 2: Total Acres Burned by Ownership

OWNERSHIP	ACRES
NFS	2,168
OTHER FEDERAL (LIST AGENCY AND ACRES)	
STATE	
PRIVATE	
TOTAL	2,168

O. Vegetation Types: Pine Oak Woodland, Dry Mixed Conifer, and Cottonwood Willow Riparian Forest

P. Dominant Soils: Lithic Ustorthents, Typic Glossudalfs, Lithic Haplustalfs

Q. Geologic Types: Basalt, Conglomerate, Rhyolite

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	2.7
INTERMITTENT	5.1
EPHEMERAL	5.4
OTHER (DEFINE)	

S. Transportation System:

Trails: National Forest (miles):

Other (miles):

Roads: National Forest (miles): .17

Other (miles): .03 Private

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	880		AZ			
Low	1,138					
Moderate	149					
High	<1					
Total	2,168					

B. Water-Repellent Soil (acres): none

C. Soil Erosion Hazard Rating: 99% of acres have severe erosion hazard rating, the remainder a rating of slight

D. Erosion Potential: Estimated 0.01 tones/acre based on 2019 Deer Fire (same watershed) modeling results. Sediment Potential: Estimated at 0.5 cubic yard/square mile based on Deer Fire modeling results.

F. Estimated Vegetative Recovery Period (years): 3-5 years

G. Estimated Hydrologic Response (brief description): Given the low fire intensity, a significant hydrologic response is not expected. There may be some localized additional runoff and erosion from burned areas.

PART V - SUMMARY OF ANALYSIS

Introduction/Background

Given the low intensity of the fire, there is generally low risk to VARs.

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

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):

- a. There are two private property inholdings located downslope of the burned area. The Luce Ranch is on the opposite side of the Campbell Blue river and is at no risk from the burned area. The Blue River Ranch is located on the same side of the stream as the burned area, The burned area above this ranch consists of mostly low soil burn severity with some unburned. There may be some additional sheet flow reaching the property but we do not expect damaging flows, therefore the risk is low.
2. Property (P):Forest Service land FS 30 is separated from the burned area by the Campbell Blue river, therefore is not at risk. Given the small size, low position within the watershed, and low intensity of the burned area it will not result in a significant increase in flow of the Campbell Blue River.
3. Natural Resources (NR):T& E habitat downstream of the burned area is at very low risk.
4. Cultural and Heritage Resources:There is very low risk to cultural and heritage resources.

B. Emergency Treatment Objectives: NA

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

Land Click here to enter text.

Channel Click here to enter text.

Roads/Trails Click here to enter text.

Protection/Safety Click here to enter text.

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): Click here to enter text.

F. Cost of Selected Alternative (Including Loss): Click here to enter text. Skills Represented on Burned-Area Survey Team:

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

Team Leader:

Email:Paul Brown**Phone(s) 928-333-6308****Forest BAER Coordinator:****Email:Paul Brown****Phone(s):928-333-6308****Team Members:** *Table 7: BAER Team Members by Skill*

Skill	Team Member Name
<i>Team Lead(s)</i>	Paul Brown
<i>Soils</i>	Eric Robertson
<i>Hydrology</i>	John Rihs
<i>Engineering</i>	Chris Miller
<i>GIS</i>	
<i>Archaeology</i>	Aife Kilmartin
<i>Weeds</i>	
<i>Recreation</i>	
<i>Other</i>	Tyler Mccafferty

H. Treatment Narrative:NA**Land Treatments:** Click here to enter text.

Channel Treatments: Click here to enter text.**Roads and Trail Treatments:** Click here to enter text.**Protection/Safety Treatments:** Click here to enter text.**I. Monitoring Narrative:** Click here to enter text.

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		1	\$1,661	\$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>				\$1,661	\$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				\$1,661	\$0		\$0		\$0	\$0
Previously approved										
Total for this request				\$1,661						

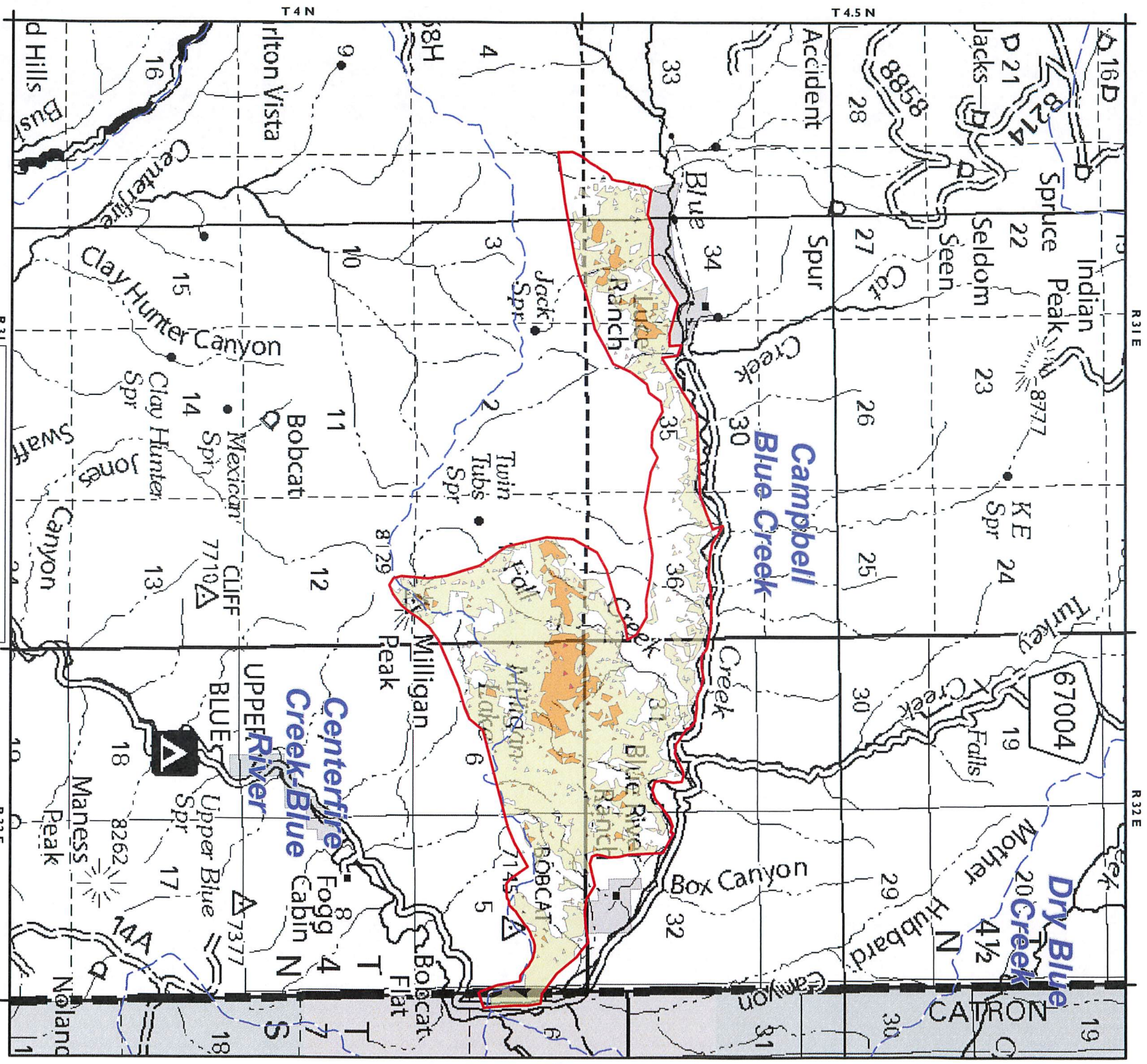
PART VII - APPROVALS

1. 
 Forest Supervisor


 Date

Blue River Fire Final Soil Burn Severity Map

Apache-Sitgreaves National Forests - Alpine Ranger District



0 0.25 0.5 1 Miles

Disclaimer

The USDA Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. Using GIS products for purposes other than those for which they were intended may yield inaccurate or misleading results. The USDA Forest Service reserves the right to correct, update, modify, or replace GIS products without notification. This map is not a legal land line or ownership document. Public lands are subject to change and leasing and may have access restrictions; check with local offices. Obtain permission before entering private land.

Legend

BlueRiverFirePerimeter20190711

SBS

- High - < 1%
- Low - 52%
- Moderate - 7%
- Unburned - 41%

ARIZONA
Apache County

