

Date of Report: 8/27/2019**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)
☐ 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: Miller****B. Fire Number: 2019-AZCNF-000317****C. State: New Mexico****D. County: Hidalgo****E. Region: 03****F. Forest: Coronado****G. District: Douglas****H. Fire Incident Job Code: P3MC0X****I. Date Fire Started: 6/29/2019****J. Date Fire Contained: 7/17/2019****K. Suppression Cost: \$4,100,000****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

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

OWNERSHIP	ACRES
NFS	5761

OWNERSHIP	ACRES
OTHER FEDERAL (LIST AGENCY AND ACRES)	
STATE	
PRIVATE	
TOTAL	5761

O. **Vegetation Types:** Click here to enter text.

P. **Dominant Soils:** Click here to enter text.

Q. **Geologic Types:** Click here to enter text.

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						
Low	4,263				4,263	74%
Moderate	1,498				1,498	26%
High	0				0	
Total	5,761				5,761	

B. **Water-Repellent Soil (acres):** Click here to enter text.

C. **Soil Erosion Hazard Rating:** Click here to enter text.

D. **Erosion Potential:** Click here to enter text. **Sediment Potential:** Click here to enter text.

F. **Estimated Vegetative Recovery Period (years):** Click here to enter text.

G. **Estimated Hydrologic Response (brief description):** Click here to enter text.

PART V - SUMMARY OF ANALYSIS

Introduction/Background

The Miller Fire started as a lightning strike on June 29th, 2019 located on the East side of the Peloncillo Mountains, 7 miles west of Cloverdale New Mexico. The fire was managed under two strategies where 80 percent of the fire was confined, and 20 percent under point or zone protection, and none under full suppression. These strategies allowed the fire to spread and to clear out woody overgrowth while protecting structures, people, and values at risk. The benefits of this combination of strategies will not only reduce the risk of future high intensity fires, but will also improve rangeland and forest health. There are no anticipated threats to human life and safety, property, and natural or cultural resources as a result of post-fire events that will require BAER treatments. A Fire Use Module of personnel was deployed to observe fire conditions and monitor fire effects. Using orthographic photo interpretation, the overall fire severity on the Miller Fire was shown to be low. The Fire Use Module established 101 tenth-acre plots to assess fire effects; 74% of plots were assigned as low severity, and the remaining 26% of the plots were assigned moderate severity.

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. Low Risk – see WFDSS report 7/11/19

2. Property (P):Low Risk

3. Natural Resources (NR):Low Risk

4. Cultural and Heritage Resources:Low Risk

B. Emergency Treatment Objectives: Click here to enter text.

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

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

Team Leader:

Email:Apache Kid Fire Use Module**Phone(s)**[Click here to enter text.](#)**Forest BAER Coordinator: Christine Thiel****Email:** chris.thiel@usda.gov**Phone(s):**520-388-8351**Team Members:** *Table 7: BAER Team Members by Skill*

Skill	Team Member Name
<i>Team Lead(s)</i>	Apache Kid Fire Use Module
<i>Soils</i>	
	Joe Harris – primary READ, CNF
<i>Hydrology</i>	
<i>Engineering</i>	
<i>GIS</i>	
<i>Archaeology</i>	
<i>Weeds</i>	Joe Harris – primary READ, CNF
<i>Recreation</i>	
<i>Other</i>	Rebekah Karsch – Wildlife Biologist

H. Treatment Narrative:**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			---	\$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 _____