

Date of Report: 8/7/2019**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: Newman Fire****B. Fire Number: AZ-COF-000708****C. State: AZ****D. County: Coconino****E. Region: 3 Southwestern****F. Forest: Coconino National Forest****G. District: Flagstaff RD (030408)****H. Fire Incident Job Code: P3MGKO****I. Date Fire Started: 7/11/2019****J. Date Fire Contained: 7/20/2019****K. Suppression Cost: \$1,083,172.00****L. Fire Suppression Damages Repaired with Suppression Funds (estimates): <1 mile**

1. Fireline repaired (miles): <1 mile
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
150200150203	Walnut Creek-Lower Lake Mary	18920	767	4%
150200150202	Walnut Creek-Upper Lake Mary	34473	4140	12%

N. Total Acres Burned:

Table 2: Total Acres Burned by Ownership

OWNERSHIP	ACRES
NFS	4,908
OTHER FEDERAL (LIST AGENCY AND ACRES)	
STATE	
PRIVATE	
TOTAL	4,908

O. Vegetation Types: Ponderosa Pine/Gambel Oak

P. Dominant Soils: Mollisols/Alfisols

Q. Geologic Types: Basalt with outcrops of Limestone

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	0
INTERMITTENT	5.5
EPHEMERAL	8.5
OTHER (DEFINE)	

S. Transportation System:

Trails: National Forest (miles): 0

Other (miles):

Roads: National Forest (miles): 0

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 (Very Low)	1,176					24
Low	3,577					73
Moderate	151					3
High	4					0
Total	4,908					100

B. Water-Repellent Soil (acres): 156

C. Soil Erosion Hazard Rating: Slight – 3,884 Moderate – 59 Severe - 914

D. Erosion Potential: <1 ton/acre/year Sediment Potential: 51 cubic yards/sq. mile

F. Estimated Vegetative Recovery Period (years): 2

G. Estimated Hydrologic Response (brief description): Two sub-watersheds were analyzed for soil burn severity impacts along with the two Walnut Creek HUC-6 watersheds. Combined high and moderate soil burn severity was less than 1% in each location. Due to the low impacts to the soils from the fire, there are little to no anticipated increases in surface runoff hydrology from the pre-fire conditions.

PART V - SUMMARY OF ANALYSIS**Introduction/Background****A. Describe Critical Values/Resources and Threats (narrative):**

Very low to no risk to critical values or resources exist as a result of post fire threats within the Newman Fire area.

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. Click here to enter text. **Property (P):** Click here to enter text.

3. Natural Resources (NR): Click here to enter text. **Cultural and Heritage Resources:** 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:**

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

Team Leader:

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Forest BAER Coordinator:

Email: christopher.macdonald@usda.gov Phone(s): 928-637-5652

Team Members: Table 7: BAER Team Members by Skill

Skill	Team Member Name
Team Lead(s)	Christopher MacDonald, Micah Kiesow
Soils	Rory Steinke (AD), Thomas Giambra

<i>Skill</i>	<i>Team Member Name</i>
<i>Hydrology</i>	Thomas Runyon, Edwin Bone
<i>Engineering</i>	Sean Untalan
<i>GIS</i>	Ralph Falsetto, Alex Heeren
<i>Archaeology</i>	Dagmar Galvan
<i>Weeds</i>	Debra Crisp
<i>Recreation</i>	Patrick McGervey

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	\$8,000	1	---	\$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. Laura Jo West
Forest Supervisor

8/8/19
Date

