

Date of Report: 7/21/2017

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST****A. Type of Report**

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

B. Type of Action

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible stabilization measures)
- ☐ 2. Interim Report # _____
 - ☐ Updating the initial funding request based on more accurate site data or design analysis
 - ☐ Status of accomplishments to date
- ☒ 3. Final Report (Following completion of work)

PART II - BURNED-AREA DESCRIPTION

- A. Fire Name: Mink Fire
- B. Fire Number: AZ-CNF-000589
- C. State: Arizona
- D. County: Pima County
- E. Region: R3
- F. Forest: Coronado
- G. District: Nogales RD
- H. Fire Incident Job Code: P3K218
- I. Date Fire Started: 6/25/2017
- J. Date Fire Contained: 7/14/2017
- K. Suppression Cost: 125,000
- L. Fire Suppression Damages Repaired with Suppression Funds
 - 1. Fireline waterbarred (miles): N/A
 - 2. Fireline seeded (miles): N/A
 - 3. Other (identify):
- M. Watershed Number: 150503040102-Fraguita Wash
- N. Total Acres Burned: 1170
NFS Acres(785) Other Federal () State (380) Private (5)
- O. Vegetation Types: Grassland, Mesquite/Oak/Grassland
- P. Dominant Soils: Typic Haplustalfs 4 -1
- Q. Geologic Types: Granite

R. Miles of Stream Channels by Order or Class:

Ephemeral 6.8 miles

S. Transportation System

Trails: 0 miles

Roads: 0.72 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 250 (unburned) 921 (low) 0 (moderate) 0 (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres):
 (low) (moderate) (high)

D. Erosion Potential: at near prefire levels tons/acre

E. Sediment Potential: NA cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): < 1 year

B. Design Chance of Success, (percent): 100

C. Equivalent Design Recurrence Interval, (years): 25

D. Design Storm Duration, (hours): 1

E. Design Storm Magnitude, (inches): 2.25

F. Design Flow, (cubic feet / second/ square mile): NA

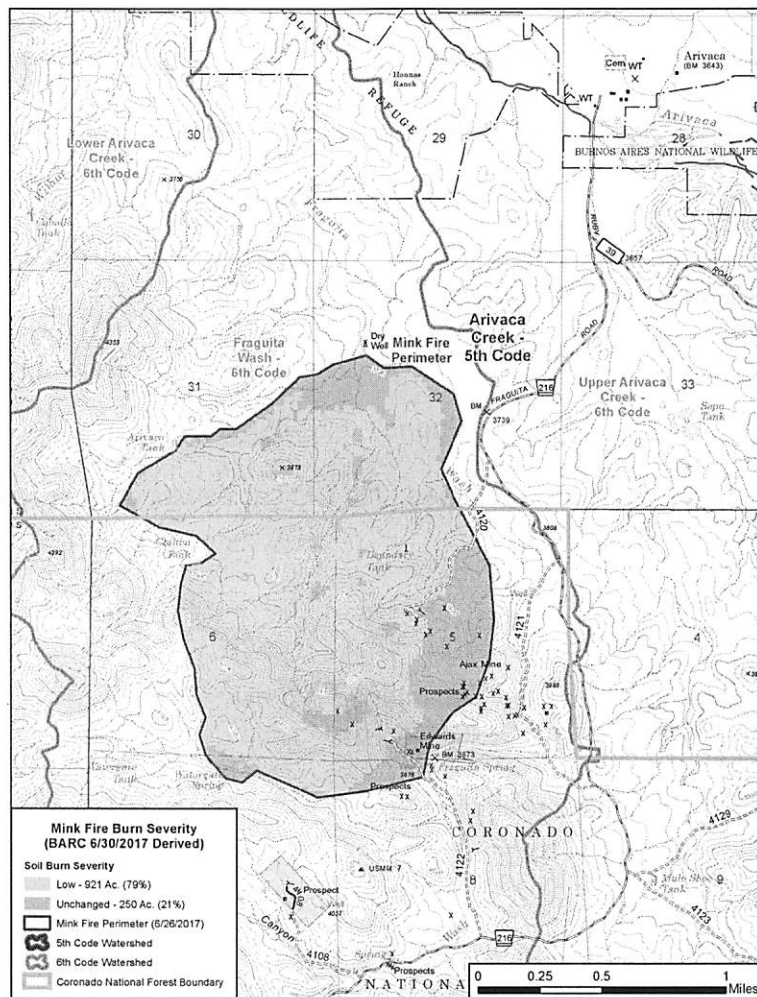
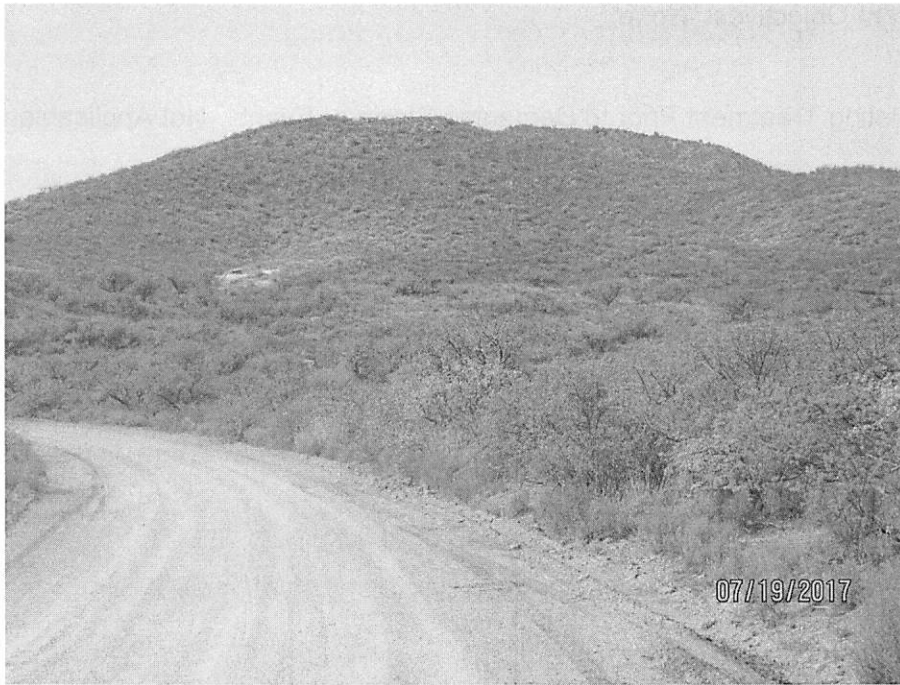
G. Estimated Reduction in Infiltration, (percent): 0

H. Adjusted Design Flow, (cfs per square mile): NA

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats:

The BARC map was verified in the field on 7/20/2017. It was determined that there was no moderate burn severity in the burned area as the BARC product indicated. The final burn severity map shows the majority of the fire was low severity with the remaining unburned. Grassess had already resprouted and leaf lengths averaged 3 to 4 inches. The burned area had received a significant rain event prior to site visit and no soil movement was noted though there had been some ash movement. There are no critical values at risk associated with this fire. The photo below shows the low burn severity associated with the Mink Fire. The final Burn Severity map is attached as a PDF.



B. Emergency Treatment Objectives: None
N/A

C. Probability of Completing Treatment Prior to Damaging Storm or Event: Not Applicable

Land ___ % Channel ___ % Roads/Trails ___ % Protection/Safety ___ %

D. Probability of Treatment Success: Not applicable

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads/Trails			
Protection/Safety			

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

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

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input checked="" type="checkbox"/> Range
<input type="checkbox"/> Forestry	<input checked="" type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input checked="" type="checkbox"/> Ecology	<input checked="" type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" type="checkbox"/> GIS

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H. **Treatment Narrative:** No treatments are proposed. No Critical Values at Risk were identified.

Land Treatments: None

Channel Treatments: None

Roads and Trail Treatments: None

Protection/Safety Treatments: None

Threatened and Endangered Species: No Treatments. No risk

Cultural Resources: No Treatments due to no risk

I. **Monitoring Narrative:** No monitoring is proposed.

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Land Treatments				\$0	\$0		\$0		\$0	\$0
B. Channel Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Channel Treat.				\$0	\$0		\$0		\$0	\$0
C. Road and Trails										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Road & Trails				\$0	\$0		\$0		\$0	\$0
D. Protection/Safety										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Structures				\$0	\$0		\$0		\$0	\$0
E. BAER Evaluation										
	\$3 K		—				\$0		\$0	\$0
Insert new items above this line!			—		\$0		\$0		\$0	\$0
Subtotal Evaluation			—		\$0		\$0		\$0	\$0
F. Monitoring										
				\$0	\$0		\$0		\$0	\$0
Insert new items above this line!				\$0	\$0		\$0		\$0	\$0
Subtotal Monitoring				\$0	\$0		\$0		\$0	\$0
G. Totals										
Previously approved										
Total for this request				\$0						

PART VII - APPROVALS

1.


Forest Supervisor (signature)

7/27/17
Date

2.

Regional Forester (signature)

Date

