Date of Report: June 4, 2008

BURNED-AREA REPORT
(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

[x] 1. Funding request for estimated emergency stabilization funds
[ ] 2. Accomplishment Report
[ ] 3. No Treatment Recommendation

B. Type of Action

[x] 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: Whitmire

B. Fire Number: AZ-CNF-000037

C. State: New Mexico

D. County: Hidalgo

E. Region: 3

F. Forest: Coronado

G. District: Douglas

H. Fire Incident Job Code: P3D67E

I. Date Fire Started: 5/21/2008

J. Date Fire Contained: 6/4/2008

K. Suppression Cost:

L. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): 0
2. Fireline seeded (miles): 0
3. Other (identify):

M. Watershed Number: 1504000601, 1504000304

N. Total Acres Burned: 4046
NFS Acres(2446) Other Federal ( ) State ( ) Private (1600)

O. Vegetation Types: open oak woodland, grass,

P. Dominant Soils: lithic ustorthents, typic haplustalfs

Q. Geologic Types: alluvium, rhyolite

R. Miles of Stream Channels by Order or Class:
37miles first order; 9 miles second order

S. Transportation System

Trails: 1.57 miles Roads: 7.45 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): ~2710 (low) ~1336 (moderate) 0 (high)

B. Water-Repellent Soil (acres): negligible

C. Soil Erosion Hazard Rating (acres):
4046 (low) ___ (moderate) ___ (high)

D. Erosion Potential: n/a tons/acre

E. Sediment Potential: n/a cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 2 years

B. Design Chance of Success, (percent): n/a

C. Equivalent Design Recurrence Interval, (years): n/a

D. Design Storm Duration, (hours): n/a

E. Design Storm Magnitude, (inches): n/a

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

G. Estimated Reduction in Infiltration, (percent): n/a

H. Adjusted Design Flow, (cfs per square mile): n/a

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats:

There is no watershed emergency or threat to life, safey or property.

The Forest Boundary fence was badly damaged, allowing livestock from the private land adjacent to the Forest easy access to the burned area. The Forest plans to keep permitted cattle off the burn for two growing seasons, but recovery of the burned area is likely to be compromised by uncontrolled grazing by private cattle.

B. Emergency Treatment Objectives:

Protect recovering area from non-Forest Service administered livestock grazing impacts for at least two growing seasons.

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

Land **95** % Channel **n/a** % Roads/Trails **n/a** % Protection/Safety **n/a** %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land	85%	85%	85%
Channel	n/a	n/a	n/a
Roads/Trails	n/a	n/a	n/a
Protection/Safety	n/a	n/a	n/a

E. Cost of No-Action (Including Loss): **$38,620**

F. Cost of Selected Alternative (Including Loss): **$15,138**

G. Skills Represented on Burned-Area Survey Team:

[x] Hydrology [ ] Soils [ ] Geology [x] Range [ ]
[ ] Forestry [ ] Wildlife [ ] Fire Mgmt. [ ] Engineering [ ]
[ ] Contracting [ ] Ecology [ ] Botany [ ] Archaeology [ ]
[ ] Fisheries [ ] Research [ ] Landscape Arch [ ] GIS

Team Leader: Robert Lefevre

Email: rlefevre@fs.fed.us Phone: 520-388-8373 FAX: 520-388-8305

H. **Treatment Narrative:**

(Describe the emergency treatments, where and how they will be applied, and what they are intended to do. This information helps to determine qualifying treatments for the appropriate funding authorities. For seeding treatments, include species, application rates and species selection rationale.)

Land Treatments:

Construct a temporary drift fence that will keep cattle off the burn for at least two growing seasons.

Channel Treatments: n/a

Roads and Trail Treatments: n/a

Protection/Safety Treatments: n/a

I. **Monitoring Narrative:**

(Describe the monitoring needs, what treatments will be monitored, how they will be monitored, and when monitoring will occur. A detailed monitoring plan must be submitted as a separate document to the Regional BAER coordinator.)

The entire area will be monitored as part of the ongoing range allotment monitoring. In addition, approximately 450 acres within the burned area are the Cascabel Watersheds, which are plots established to evaluate the impacts of prescribed burning treatments on hydrologic and ecological characteristics. The watersheds will have monitoring that will be available in published documents.

Part VI – Emergency Stabilization Treatments and Source of Funds **Interim #**

			NFS Lands				Other Lands			All
		Unit	# of		Other	# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	BAER $	$	units	$	Units	$	$
A. Land Treatments										
	acres	0	0	$0	$0		$0		$0	$0
	acres	0	0	$0	$0		$0		$0	$0
cattle exlusion fence	miles	3000	3	$9,000	$0		$0		$0	$9,000
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Land Treatments				$9,000	$0		$0		$0	$9,000
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										
person-days	days	400	2	---	$800		$0		$0	$800
Insert new items above this line!				---	$0		$0		$0	$0
Subtotal Evaluation				---	$800		$0		$0	$800
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				$9,000	$800		**$0**		**$0**	**$9,800**
Previously approved										
Total for this request				**$9,000**						

PART VII - APPROVALS

1. /s/ Jeanine A. Derby 6/20/2008
   Forest Supervisor (signature) Date

2. /s/ Gilbert Zepeda (for) 7/2/2008
   Regional Forester (signature) Date