Date of Report: 11/09/11

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: Minninghaw Fire

B. Fire Number: MO-MTF-000105

C. State: Missouri

D. County: Dent

E. Region: 9

F. Forest: Mark Twain NF

G. District: Salem

H. Fire Incident Job Code: P9GKH5

I. Date Fire Started: November 1, 2011

J. Date Fire Contained: November 8, 2011.

K. Suppression Cost: $ N/A – *still ongoing.*

L. Fire Suppression Damages Repaired with Suppression Funds
1. **Fireline waterbarred (miles)**: N/A – *still on going.*
2. **Fireline seeded (miles):** N/A – *still on going.*
3. **Other (identify):** N/A

M. Watershed Number: 110100080303 and 110100080302.

N. Total Acres Burned: 5,025
[4,980] NFS Acres [ ] Other Federal [ ] State [47] Private

O. Vegetation Types: Red Oak, White Oak, Hickory, Shortleaf Pine and old fields.
P. Dominant Soils: Clarksville, Coulstone, Nixa.

Q. Geologic Types: N/A

R. Miles of Stream Channels by Order or Class: N/A

S. Transportation System

Trails: N/A **miles** **Roads:** N/A **miles**

PART III - WATERSHED CONDITION

A. Burn Severity (acres): N/A **(low)** N/A **(moderate)** N/A **(high)**

B. Water-Repellent Soil (acres): *No Hydrophobic soils were found.*

C. Soil Erosion Hazard Rating (acres): N/A **(low)** N/A **(moderate)** N/A **(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): N/A

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 (narrative): We propose to monitor and control (some) NNIP species within the Minninghaw fire area during the growing season. *If the Sericea lespedeza would be left uncontrolled, it could move into un-infested areas, and thereby displacing the areas native plants.*

B. Emergency Treatment Objectives (narrative): The Serecia lespedeza can be controlled by manual pulling of the plants, or cutting the plants in late July or early August before they go to seed. This would be accomplished with a 2 person crew.

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

Land N/A **Channel** N/A **Roads/Trails** N/A **Protection/Safety** N/A

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land	N/A	N/A	N/A
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): If the Sericea lespedeza would be left uncontrolled, it could move into un-infested areas, and thereby displacing the areas native plants. Once established the cost to control the NNIS would be increased greatly.

F. Cost of Selected Alternative (Including Loss):

Cost: 40 days of GS-5 at $219 per day = $8,760.00 (spread out during the growing season)
5 days of GS-11 at $360 per day = $1,800.00 (for project oversight, final report etc.)
Misc. supplies = $500.00
Total = $11,060.00

G. Skills Represented on Burned-Area Survey Team:

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

Team Leader: Klaus Leidenfrost

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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:

The Minninghaw fire would be checked for NNIS (including Sericea lespedeza) numerous times thruout the growing seaon. Once a plant is discovered it could be dug up or cut down (prior to going to seed). *If there are seeds on the plant it would need to be removed, and placed in a plastic bag and properly disposed of.*

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 Minninghaw fire would be checked for NNIS (including Sericea lespedeza) numerous times thruout the growing seaon.

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										
GS-5	Day	$219	40	$8,760	$0		$0		$0	$8,760
GS-11	Day	$360	4	$1,440	$0		$0		$0	$1,440
Misc Supplies	Each	$500	1	$500	$0		$0		$0	$500
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Land Treatments				$10,700	$0		$0		$0	$10,700
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										
				--			$0		$0	$0
Insert new items above this line!				--	$0		$0		$0	$0
Subtotal Evaluation				--	$0		$0		$0	$0
F. Monitoring										
GS-11	Day	$360	1	$360	$0		$0		$0	$360
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Monitoring				$360	$0		$0		$0	$360
G. Totals				$11,060	$0		**$0**		**$0**	**$11,060**
Previously approved										
Total for this request				**$11,060**						

PART VII - APPROVALS

1. Richard Heed — Acting
Forest Supervisor (signature) — Date 11/9/11

2. David C. Bull — for
Regional Forester (signature) — Date 11/18/11