Date of Report: 05/28/2013

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: Highway

B. Fire Number: CA-ANF-5129

C. State: CA

D. County: Los Angeles

E. Region: 05

F. Forest: Angeles National Forest

G. District: 53

H. Fire Incident Job Code: P5G8Q0

I. Date Fire Started: 05/22/2013

J. Date Fire Contained: 05/25/2013

K. Suppression Cost: $ XXXX

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

M. Watershed Number:

N. Total Acres Burned:
[40] NFS Acres [ ] Other Federal [ ] State [9] Private

O. Vegetation Types: Chamise Chaparral and Mixed Chaparral

P. Dominant Soils: XXX

Q. Geologic Types: XXX

R. Miles of Stream Channels by Order or Class: XXX

S. Transportation System

Trails: XXX **miles** **Roads:** XXX **miles**

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 0 **(low)** 49 **(moderate)** 0 **(high)** **estimate**

B. Water-Repellent Soil (acres): XXX

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

D. Erosion Potential: XXX **tons/acre**

E. Sediment Potential: XXX **cubic yards / square mile**

PART IV - HYDROLOGIC DESIGN FACTORS

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

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

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

D. Design Storm Duration, (hours): XXX

E. Design Storm Magnitude, (inches): XXX

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

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

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

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats (narrative):

Threats to Vegetative Recovery-
An emergency exists with respect to vegetative recovery as a result of the threat of post-fire and suppression activity weed introduction and spread. The unknowing introduction and dispersal of invasive weeds into areas disturbed by fire suppression has the potential to establish large and persistent weed populations, most notably of yellow star thistle. Yellow star thistle is only known from three locations on the Angeles and is considered one of the highest priority invasives for treatment on the forest. One of these yellow star thistle populations was tracked over by dozer equipment during suppression activities coming off of Highway 5, meaning there is a high risk for this invasive to be spread into both the dozerline and burn area.

B. Emergency Treatment Objectives (narrative):

Noxious Weeds - Reduce the potential for impaired vegetative recovery and introduction/spread of noxious weeds.

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

Land XXX% **Channel** XXX% **Roads/Trails** XXX% **Protection/Safety** XXX%

D. Probability of Treatment Success

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

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

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

G. Skills Represented on Burned-Area Survey Team:

[] Hydrology [ ] Soils [ ] Geology [ ] Range
[ ] Forestry [x] Wildlife [ ] Fire Mgmt. [] Engineering

[ ] **Contracting** [ ] **Ecology** [x] **Botany** [ ] **Archaeology**
[ ] **Fisheries** [ ] **Research** [ ] **Landscape Arch** [ ] **GIS**

Team Leader: Katie VinZant

Email: kvinzant@fs.fed.us **Phone:** 626-383-1626 **FAX:** XXX

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:

Noxious Weed Detection Surveys
Surveys will begin in 2014 during the flowering periods of most high priority weed species. The survey priorities will be along dozerlines, handlines, and staging areas associated with the fire.

Weed detection surveys to determine whether ground disturbing activities related to the Highway Incident and the fire itself have resulted in the expansion of noxious weeds is requested for the first year. Estimated costs are based on the assumption that three visits would be necessary because of the unpredictability of flowering times. If timing is such that the target species is detectable in one visit, the actual costs would be lower than displayed below.

Estimated Cost:	
1 GS-11 botanist ($400/day x 1 day)	$ 400.00
2 GS-7 botanists ($220/day x 3 days)	$ 1320.00
Vehicle use	$ 150.00
Vehicle mileage (450 miles @0.55/mile)	$ 248.00
TOTAL	$ **2118.00**

Channel Treatments: none

Roads and Trail Treatments: none

Protection/Safety Treatments: none

Part VI – Emergency Stabilization Treatments and Source of Funds

Interim #

Line Items	Units	Cost	Units	BAER $	$	units	$	Units	$	$
A. Land Treatments										
Noxious Weed Detection Survey	ea	2118	1	$2,118	$0		$0		$0	$2,118
				$0	$0		$0		$0	$0
				$0	$0		$0		$0	$0
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Land Treatments				$2,118	$0		$0		$0	$2,118
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
Insert new items above this line!				$0	$0		$0		$0	$0
Subtotal Structures				$0	$0		$0		$0	$0
E. BAER Evaluation										
BAER Assessment	hours	40	8	$320			$0		$0	$0
Insert new items above this line!				---	$0		$0		$0	$0
Subtotal Evaluation				$320	$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				$2,118	$0		**$0**		**$0**	**$7,848**
Previously approved										
Total for this request				**$2,118**						

PART VII - APPROVALS

1. _____
Forest Supervisor (signature)

6/26/2013
Date

2. for _____
Regional Forester (signature)

7/2/13
Date