

BURNED-AREA REPORT

(Reference FSH 2509.13)

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

☒ 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)

A. Fire Name: Nahahum	B. Fire Number: WA -OWF-000346
C. State: WA	D. County: Chelan
E. Region: 06	F. Forest: Okanogan Wenatchee
G. District: Wenatchee River	H. Fire Incident Job Code: P6FN4G
I. Date Fire Started: 7/30/2010	J. Date Fire Contained: 8/3/2010
K. Suppression Cost: \$ 1,500,000	

1. **Fireline waterbarred (miles):** Unknown
2. **Fireline seeded (miles):** Unknown
3. **Other (identify):** Unknown

N. Total Acres Burned: 1,872 (Fire Perimeter – 1946 acres, unburned; FS 47, Pri 27)

<input checked="" type="checkbox"/> [766] NFS Acres	<input type="checkbox"/> [] Other Federal	<input type="checkbox"/> [] State	<input checked="" type="checkbox"/> [1106] Private
--	--	------------------------------------	---

P. Dominant Soils: mesic Ultic Haploxerolls and mesic Pachic Argixerolls

Q. Geologic Types: Swakane Biotite Gneiss (Kswg)

R. Miles of Stream Channels by Order or Class: 1.5 miles < 10%, 28 miles >10%

S. Transportation System

Trails: 0 miles **Roads:** 9.1 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 247 (FS 116, Pri 131) **(low)** 1565 (FS 609, Pri 956) **(moderate)**
60 (FS 40, Pri 20) **(high)**

B. Water-Repellent Soil (acres): 40

C. Soil Erosion Hazard Rating (acres): 111 **(low)** 455 **(moderate)** 1129 **(high)**

D. Erosion Potential: 3.75 tons/acre (HEM – 2 Yr. Return)

E. Sediment Potential: 2400 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 3

B. Design Chance of Success, (percent): N/A

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

D. Design Storm Duration, (hours): 1

E. Design Storm Magnitude, (inches): 0.80

F. Design Flow, (cubic feet / second/ square mile): 5.5

G. Estimated Reduction in Infiltration, (percent): 25

H. Adjusted Design Flow, (cfs per square mile): 20

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats (narrative): Access to private residences. Limited areas with potential hill slope failures. Runoff events prior to containment overtopped culverts on private roads receiving runoff from burned areas on private lands. Landowners worked directly with NRCS. The forest has shared BARC products and modelled post-fire runoff information directly with the NRCS.

B. Emergency Treatment Objectives (narrative): continue sharing information with NRCS and local government entities, as needed.

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

Land N/A% Channel N/A% Roads/Trails N/A% Protection/Safety 20%

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	80	80	80

E. Cost of No-Action (Including Loss): N/A

F. Cost of Selected Alternative (Including Loss): N/A

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input type="checkbox"/> Range
<input type="checkbox"/> Forestry	<input 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 type="checkbox"/> Archaeology
<input type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input checked="" type="checkbox"/> GIS

Team Leader: Greg Kuyumjian

Email: gkuyumjian@fs.fed.us **Phone:** 509-664-9330 **FAX:** 509-664-9282

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: N/A

Channel Treatments: N/A

Roads and Trail Treatments: N/A

Protection/Safety Treatments: Coordinate with NRCS/County

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.)

N/A

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										
				\$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 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						1				\$1,700
				---			\$0		\$0	\$0
Insert new items above this line!				---	\$0		\$0		\$0	\$0
Subtotal Evaluation				---	\$0		\$0		\$0	\$1,700
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				\$0	\$0		\$0		\$0	\$1,700
Previously approved										
Total for this request				\$0						

PART VII - APPROVALS

1. _____
Forest Supervisor (signature) _____
Date _____
2. _____
Regional Forester (signature) _____
Date _____