

Date of Report: 9/8/03

BURNED-AREA REPORT
(Reference FSH 2509.13)**PART I - TYPE OF REQUEST**

A. Type of Report

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

B. Type of Action

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible rehabilitation 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 DESCRIPTIONA. Fire Name: Boulder Basin 2B. Fire Number: P27074C. State: WyomingD. County: ParkE. Region: 02F. Forest: ShoshoneG. District: WapitiH. Date Fire Started: 8-19-2003I. Date Fire Contained: expected 9-15-03J. Suppression Cost: \$1,890,600 as of 9-3-03

K. Fire Suppression Damages Repaired with Suppression Funds

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

L. Watershed Number: 100800130203M. Total Acres Burned:

NFS Acres(11,553) Other Federal () State () Private ()

N. Vegetation Types: Mountain Big sage/Idaho fescue; Idaho fescue grasslands; Subalpine fir/common juniper, Subalpine fir/grouse whortle berry; Douglas fir/common juniper; Limber pine/king fescue; Alpine, and Whitebark pine/heartleaf arnica. Small areas of Canada thistle and one patch of Dalmation toadflax

O. Dominant Soils: Typic Argicryolls, Lithic Argicryolls; Typic Haplocryolls; Cryorthents; Eutrocrepts; and Mollic Ustalfs

P. Geologic Types: Absaroka Volcanics, Wiggins formation

Q. Miles of Stream Channels by Order or Class: Perennial = 16.0, intermittent = 44.7

R. Transportation System

Trails: 11.8 miles Roads: 0.0 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 4,621 (low) 2,311 (moderate) 4,621 (high)

B. Water-Repellent Soil (acres):

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

D. Erosion Potential: ___ tons/acre

E. Sediment Potential: ___ cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 3-5

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

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

D. Design Storm Duration, (hours): ___

E. Design Storm Magnitude, (inches):

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

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

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

PART V - SUMMARY OF ANALYSIS

A. Describe Watershed Emergency:

Reconnaissance conducted on September 3, 2003 indicates values at risk include a bridge on county road YXD that crosses Boulder Creek, an irrigation diversion that diverts water down the east side of the Boulder Creek alluvial fan, and a private ranch (Nancy Carrol Draper). There are no reasonable treatments that can be implemented to mitigate the risk other than notify appropriate parties. The county engineer was notified on September 4, 2003. The Wapiti District ranger will notify Mrs. Draper as soon as possible. The ditch owner will be notified by the forest lands staff as soon as possible.

B. Emergency Treatment Objectives:

C. Probability of Completing Treatment Prior to First Major Damage-Producing Storm:

Land ___ % Channel ___ % Roads ___ % Other ___ %

D. Probability of Treatment Success

| Years after Treatment | | | |
|-----------------------|---|---|---|
| | 1 | 3 | 5 |
| Land | | | |
| | | | |
| Channel | | | |
| | | | |
| Roads | | | |
| | | | |
| Other | | | |
| | | | |

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

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

☒ Hydrology ☒ Soils ☐ Geology ☐ Range ☐
☐ Forestry ☐ Wildlife ☐ Fire Mgmt. ☐ Engineering ☐
☐ Contracting ☐ Ecology ☐ Botany ☐ Archaeology ☐
☒ Fisheries ☐ Research ☐ Landscape Arch ☐ GIS

Team Leader: Greg Bevenger

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FAX: 307.578.1212

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:

Channel Treatments:

Roads and Trail Treatments:

Structures:

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.)

Part VI – Emergency Rehabilitation Treatments and Source of Funds by Land Ownership

| | | | NFS Lands | | | | Other Lands | | | All |
|--------------------------|-------|------|-----------|---------|-------|------|-------------|-------|---------|-------|
| | | Unit | # of | WFSU | Other | | Fed | # of | Non Fed | Total |
| Line Items | Units | Cost | Units | SULT \$ | \$ | # of | \$ | Units | \$ | \$ |
| | | | | | | | | | | |
| A. Land Treatments | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Land Treatments | | | | \$0 | | | \$0 | | \$0 | \$0 |
| B. Channel Treatments | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Channel Treat. | | | | \$0 | | | \$0 | | \$0 | \$0 |
| C. Road and Trails | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Road & Trails | | | | \$0 | | | \$0 | | \$0 | \$0 |
| D. Structures | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Structures | | | | \$0 | | | \$0 | | \$0 | \$0 |
| E. BAER Evaluation | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Evaluation | | | | \$0 | | | \$0 | | \$0 | \$0 |
| F. Monitoring | | | | | | | | | | |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | \$0 | | | \$0 | | \$0 | \$0 |
| Subtotal Monitoring | | | | \$0 | | | \$0 | | \$0 | \$0 |
| | | | | | | | | | | |
| G. Totals | | | | \$0 | | | \$0 | | \$0 | \$0 |

PART VII - APPROVALS

1. _____
Forest Supervisor (signature)

Date

2. _____
Regional Forester (signature)

Date