USDA-FOREST SERVICE FS-2500-8 (7/00)

Date of Report:

BURNED-AREA REPORT
(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

[x] 1. Funding request for estimated WFSU-SULT funds
[ ] 2. Accomplishment Report
[ ] 3. No Treatment Recommendation

B. Type of Action

[x] 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 DESCRIPTION

A. Fire Name: Dry Fork II

B. Fire Number: P41018

C. State: Utah

D. County: Uintah

E. Region: 4

F. Forest: Ashley

G. District: Vernal

H. Date Fire Started: August 12, 2000

I. Date Fire Contained: August 26, 2000

J. Suppression Cost: Greater than $250,000

K. Fire Suppression Damages Repaired with Suppression Funds
1. Fireline waterbarred (miles): ¾ mile
2. Fireline seeded (miles): 2.8 miles
3. Other (identify): Trackhoe pulling trees back on to the line 2 miles

Watershed Number: 1406000203 (Upper Ashley Creek 1572 acres)
1406000204 (Dry Fork 666 acres)

M. Total Acres Burned:
NFS Acres(1750) Other Federal (450) State (200) Private (100)

N. Vegetation Types: Juniper- sagebrush/grass- aspen – lodgepole pine – Douglas fir

O. Dominant Soils: Deep rocky loams, sandy-loams and clay-loams

P. Geologic Types: Uinta Mountain Quartzites in the depositional Bishop Conglomerate over limestone

Q. Miles of Stream Channels by Order or Class: Order 1 : 2.3 miles, Order 2: 1.5 miles

R. Transportation System

Trails: 0 miles Roads: 2 1/2 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 500 (low) 500 (moderate) 750 (high)

B. Water-Repellent Soil (acres): 300

C. Soil Erosion Hazard Rating (acres):
1000 (low) 500 (moderate) 250 (high)

D. Erosion Potential: .25 to .50 tons/acre

E. Sediment Potential: 20 cubic yards / square mile

PART IV - HYDROLOGIC DESIGN FACTORS

A. Estimated Vegetative Recovery Period, (years): 3-10

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:
1. High intensity burn on 750 acres of land within the municipal watershed
2. Potential week invasion of both noxious and invasive weed

B. Emergency Treatment Objectives:
1. Reduce impacts to high intensity burn area by restricting livestock from adjacent active allotment that would allow for faster recovery of vegetation and reduce erosion.

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

Land __ % Channel ___ % Roads ___ % Other __**0**__ %

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads			
Other	60%	75%	90%

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

F. Cost of Selected Alternative (Including Loss): **$16,500**

G. Skills Represented on Burned-Area Survey Team:

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

Team Leader: Darlene Koerner

Email:__ Phone (435) 789-1181 FAX: (435) 781-4152

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: Replace 3 ½ miles of a temporary fence to control cattle on two adjacent active allotments. This will allow for faster recovery of vegetation by keeping cows off the Forest Service allotment that will be deferred in 2001

H. **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.)

1. Monitoring of invasive and noxious weeds
2. Montor erosion, both on site and off site, with concentrated efforts on the steep tributary to Ashley Creek that burned in Douglas fir.
3. Monitor vegetation recovery along with weed invasion and surface soil erosion to determine if seeding is needed following spring growth.

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

			NFS Lands				Other Lands			All
		Unit	# of	WFSU	Other	# of	Fed	# of	Non Fed	Total
Line Items	Units	Cost	Units	SULT $	$	units	$	Units	$	$
A. Land Treatments										
				$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	ea	3000	3 1/2	$10,500						
				$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
G. Monitoring Cost	ea	2000	3	$6,000			$0		$0	$6,000
H. Totals				**$16,500**			**$0**		**$0**	**$0**

PART VII - APPROVALS

1. /s/Bert Kulesza _9/15/2000_____
   Forest Supervisor (signature) Date

2. _____ _____
   Regional Forester (signature) Date