

Date of Report: 2/28/06

HARRISBURG CREEK 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: Harrisburg CreekB. Fire Number: P4BW7VC. State: UtahD. County: WashingtonE. Region: IntermountainF. Forest: DixieG. District: Pine ValleyH. Date Fire Started: June 26, 2005I. Date Fire Contained: July 4, 2005J. Suppression Cost: \$200,000

K. Fire Suppression Damages Repaired with Suppression Funds

1. Fireline waterbarred (miles): .25
2. Fireline seeded (miles): 0

L. Watershed Number: Quail Creek 150100080906, Heath Wash 150100080904M. Total Acres Burned: 429

NFS Acres(429) Other Federal () State () Private ()

N. Vegetation Types: Pinyon-Juniper with mixed shrubs and scattered Ponderosa Pine.O. Dominant Soils: The soil are dominated by shallow to very deep sand over Navajo sandstone.P. Geologic Types: Navajo sandstone and Carmel formation.

Q. Miles of Stream Channels by Order: 0.2 miles of Order 2

R. Transportation System

Trails: 0 miles Roads: 0.46 miles

PART III - WATERSHED CONDITION

A. Burn Severity (acres): 429 (low and unburned) 0 (moderate) 0 (high)

B. Water-Repellent Soil (acres): 0

C. Soil Erosion Hazard Rating (acres):
350 (low) 79 (moderate) (high)

D. Erosion Potential: 1.77 tons/acre

E. Sediment Potential: 207 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

Threats of Noxious Weeds and Invasive Plant Invasion:

To determine the need for future treatments, monitoring will be conducted to document if increased noxious weed invasion is occurring within the wildfire perimeter. During the fire suppression activities fire transportation equipment and engines utilized a spike camp (Danish Ranch) where noxious weeds are present. Monitoring will begin in fiscal year 2006.

Monitoring Narrative:

Noxious Weed and Invasive Plant Monitoring

Monitor the location of the known sites and likely sites for new infestations and implement control actions as specified in the Noxious Weed Amendment to the Dixie Forest Plan (2000). Randy Russell (Pine Valley Range Conservationist) will be responsible for this monitoring effort.

Harrisburg Creek BAER
Noxious Weed Monitoring

OBJECTIVE: Monitor noxious weeds the Harrisburg Creek fire perimeter to prevent an outbreak.

ITEM TO MONITOR: Presence and noxious weed within the burn perimeter.

TYPE OF MONITORING: Site visit/ocular

METHODS/PARAMETERS: Visit known location of noxious weeds. Grid exam in burned areas and along road corridors.

FREQUENCY/DURATION: FY06.

PROJECTED COSTS: \$400.00

REPORTING PROCEDURES: Annual Harrisburg Creek BAER Monitoring Report

RESPONSIBILITY: Randy Russell, Range Conservationist

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

Line Items	Units	Unit Cost	# of Units	WFSU SULT \$	Other \$	# of units	Fed \$	# of Units	Non Fed \$	Total \$
A. Land Treatments										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0					
				\$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		\$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
Subtotal Road & Trails				\$0	\$0		\$0		\$0	\$0
D. Structures										
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0		\$0		\$0	\$0
				\$0	\$0					
				\$0	\$0		\$0		\$0	\$0
Subtotal Structures				\$0	\$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	\$0
F. Monitoring										
Noxious Weed Monitoring	each	400	1	\$400	\$0		\$0		\$0	\$400
				\$0	\$0					
				\$0	\$0					
Subtotal Monitoring				\$400	\$0		\$0		\$0	\$400
G. Totals				\$400	\$0		\$0		\$0	\$400

PART VII - APPROVALS

1. /s/ Robert A. Russell 3/1/2006
Forest Supervisor (signature) Date
2. /s/ William P. LeVere for 3/08/2006
Regional Forester (signature) Date