

## MEMORANDUM

DATE: February 6, 1992

TO: Ron Gosnell and Bernie Post

FROM: Dave Farmer *DAF*

SUBJECT: Pingree Park Burn Plan MAR 3 1992



Enclosed is the Burn Plan for several slash piles at Pingree Park. The Burn Permit expires March 31, so I need the plan back as soon as possible!

Phil Omi and several Fire Management students will be involved with the burning project. This is a good opportunity to work with CSU, while, at the same time, completing a District objective!

Thank you for your quick response!!

Prescribed Burn Plan

For

PINGREE PARK

District FORT COLLINS

Prepared by

David A. Farmer

Date 2-6-92

District Forester

Ran McChaffey

Date 2/6/92

Approved by

Don Gonnell

Area Forester

Date 2/13/92

Approved by

Bernad G Post

Asst. Staff Forester-Fire Mgmt.

Date 2/28/92

Responsible Individuals:

Plan Execution DAVE FARMER

Prescribed Burn Boss

Prescribed Fire Manager:

Primary: Dave Farmer

Alternate: Mike Hughes

Date Fire Out \_\_\_\_\_

Certified By \_\_\_\_\_

Title \_\_\_\_\_

## MANAGERIAL INPUTS

(\* Indicates minimum which must be completed for pile burning.)

### \*Project Location:

\*T 7 N 16 R 73 W SW Sec 22 1/4 NE

\*County LARIMER

### I. Resource Management Objectives:

To eliminate piled slash that resulted from blow down and products sales on state land.

### \* II. Burn Objectives (Specify in quantitative terms)

A. Hazard Reduction Eliminate 95% of piled material

B. Silviculture \_\_\_\_\_

C. Site Preparation \_\_\_\_\_

D. Wildlife Habitat \_\_\_\_\_

(Attach DOW Evaluation as Appendix I)

E. Insect/Disease Control Eliminate potential buildup of ips beetle.

F. Range Management \_\_\_\_\_

(Attach SCS Evaluation as Appendix I)

G. Special Manipulation \_\_\_\_\_

H. Other (specify) To be used as training for CSU Fire Management Students.

III. Type of Prescribed Burn: Broadcast \_\_\_\_\_ Pile X

IV. Evaluation Techniques (give description)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### \* V. Burning Permit Filed with:

A. Colorado State Health Department  
Dates Approved for Burning

January 1 thru March 31, 1992.

B. County (if applicable)  
Dates Approved for Burning

VI. Logistical Information

A. Pre-Ignition (Equipment, Support, etc.)

B. Chain of Line to Construct

Hand

Other (specify)

C. Equipment Needs

1. Preparation

2. Burning

3. Holding

4. Mop-up

5. Distance to Water Source and Type

6. Water Handling (i.e. Porta-tanks, PM Pumps, etc.)

D. Manpower Needs

1. Preparation

2. Burning \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
3. Holding \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
4. Mop-up \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

E. Radio Frequencies \_\_\_\_\_  
 \_\_\_\_\_

\*VII. Public Notification Plan Larimer County Emergency Services will be notified  
the day prior to and the day of the burn. Neighboring landowners will be  
notified of the burn by letter.  
 \_\_\_\_\_

\*A. Individuals:

Contacts	Contact Responsibility	Contact Date	Completed (Initials)
Neighbors	Farmer		
_____	_____	_____	_____
_____	_____	_____	_____

\*B. Media:

1. Radio

NA	_____	_____	_____
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2. TV

NA	_____	_____	_____
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3. Newspapers

NA	_____	_____	_____
_____	_____	_____	_____

Contacts	Contact Responsibility	Contact Date	Completed (Initials)
<b>*C. Agencies:</b>			
1. Sheriff (Larimer County - 498-5141)			
Bill Nelson	Farmer	LMCO 3/17/92	DAF
2. Fire Department		LM BILL 3/17/92 LM DON " LM Don 3-18	DAF DAF DAF
3. BLM			
NA			
4. NPS			
NA			
5. U.S. Forest Service			
Northern Dispatch	Farmer	3-18-92	KATK
(498-1348)			
6. CSFS State Office-Fire Duty Officer			
7. Air Quality			
8. Others			

VIII. Holding Plan Narrative

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IX. Mop-up Plan Narrative

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\*X. Escaped Fire Contingency Plan

Assessment To be made by District at scene.

Threat of Life and Property

Escaped Fire Trigger Mechanisms and Confirmations

If ground fire (no fuel in clearcut) gets to edge of clearcut (highly improbable), CSFS prescribed burn brush truck will be used to keep fire in the clearcut.

Additional Suppression Resources With Location to be Called for Fire Escape

1. Larimer County Emergency Services - Fort Collins

2. CSFS State Office - Fort Collins

3.

4.

## ENVIRONMENTAL INPUTS

I. Block # 1 Description (add extra sheets if needed).

A. Fuel Model (FBPS) 8 - LPP

B. Burn Area (acres) less than 1 Burn Perimeter (chains) \_\_\_\_\_

C. Fuels:

1. Continuity none

2. Arrangement piles

3. Distribution:

0 - 1/4" \_\_\_\_\_ T/A

3+"S \_\_\_\_\_ T/A

1/4 - 1" \_\_\_\_\_ T/A

3+"R \_\_\_\_\_ T/A

1 - 3" \_\_\_\_\_ T/A

Total Fuel Loading \_\_\_\_\_ T/A

Depth of Duff \_\_\_\_\_ "

Average Fuel Depth \_\_\_\_\_ "

4. Percent Cover: Brush \_\_\_\_\_ Grass \_\_\_\_\_ Timber \_\_\_\_\_

D. Topographic Considerations:

1. Elevation

16 - 9000'

9000'

Top 22 - 8680'

Bottom 8680'

Slope % 10

Aspect E-NE

2. Position on Slope \_\_\_\_\_

3. Special Considerations \_\_\_\_\_

## II. Descriptive Elements

\*A. Treatment Date(s) 2/10/92 - 3/31/92

when conditions are met

\*B. Time of Day 9 am to 4 pm

C. Ignition Method drip torches

D. Preferred Weather Description Winds under 20 mph, RH 30%+, snow depth 6"+, no fronts moving in.



# E. Smoke Management

	Preferred	Acceptable	Test Burn	Actual
*1. Wind Direction	west	NW - SW	W	W
*2. Wind Speed	10-15	10-20	CalM - 5	CalM - 10
*3. Stability	-	-	-	
*4. Identified Smoke Sensitive Areas	Pingree Park Campus			
*5. Actions to be taken to limit impact on Sensitive Areas	Westerly winds will disperse smoke away from Pingree Park Campus.			

# F. Environmental

Item	Min.	Max.	Test Burn	Actual
1. 1 HRTL				
2. 10 HRTL				
3. 100 HRTL				
4. Live FM Content				
5. Herbaceous FM				
6. Wind Speed				

- G. Prescription—BEHAVE or NOMOGRAMS used to determine min. and max.  
BEHAVE worksheets attached.

Item	Min.	Max.	Test Burn	Actual
1. Flame Length				
2. ROS				
3. FLI				
4. H/A				
5. RI				
6. Scorch Height				

# ATTACHMENT A

Project PINGREE PARK

## \*Project Budget Estimates

### \*A. Equipment Expenses

1. Preparation: (Equipment Numbers x Hours = Total Hours  
x Hourly Rate = Total Cost)

Total = \$ 0

2. Burning: (Use above formula if applicable)

CSFS mileage (estimate)

Total = \$ 10

3. Holding: (Use above formula if applicable)

NA

Total = \$ NA

4. Mop-up: (Use above formula if applicable)

Fire will be allowed to burn out.

Total = \$ NA

### \*B. Personnel Expenses

1. Preparation: (Personnel x Hours x Hourly Rate = Total  
Cost for Each Cost/Rate Category)

CSFS - \$80 (1 x 4 x 20)

Total = \$ 80

2. Burning: (Use above formula if applicable)

CSFS - \$160 (1 x 8 x 20)

Total = \$ 160

3. Holding: (Use above formula if applicable)

Total = \$ NA

4. Mop-up: (Use above formula if applicable)

Total = \$ NA

### \*C. Other Expenses (Itemize)

Total = \$ 0

### \*D. Total Project Expenses

Total = \$ 250

### \*E. Funding Sources:

1. Contract: \$ \_\_\_\_\_

CSFS Fund (#1-92271) \$ 250

(# \_\_\_\_\_) \$ \_\_\_\_\_

Net Project Cost = \$ \_\_\_\_\_