

Colorado State Forest Service
Pile Burning Prescribed Fire Plan



Colorado State Forest Service

PRESCRIBED FIRE PLAN
for pile burns



Project Name: Pingree Park Piles
Land Owner(s): Colorado State University (CSFS)
District: Fort Collins
Complexity: Type 3

Prepared by: Daniel Beveridge, Asst. Eng. Mod. Leader/RXB3(t) **Date: 1/25/11**

Reviewed by: Boyd Lebeda, District Forester **Date:**

Reviewed by: Matt Branch, RXB3 **Date:**

Reviewed by: Vaughn Jones, Northeast Zone Fire Management Officer **Date:**

This Prescribed Fire Plan is valid for five years from the final approval date. The approved Prescribed Fire Plan and approved smoke permit constitute a delegation of authority to burn. No one has the authority to burn without an approved plan or in a manner not in compliance with the approved plan. Actions taken in compliance with the approved Prescribed Fire Plan will be fully supported. Personnel will be held accountable for actions taken which are not in compliance with elements of the approved plan regarding execution in a safe and cost-effective manner.

Approved by: Jane Lopez, Fire Division **Date**

FIRE OUT CERTIFICATION

This certifies that all fire in the project area is out, and further patrol and mop-up activities are no longer needed. (Projects with multiple units burned or multiple burn dates may require multiple Certifications.)

Name **Date**

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

TABLE OF CONTENTS		Page
GOALS AND OBJECTIVES		3
COMPLEXITY ANALYSIS		3
NOTIFICATION		6
PUBLIC INFORMATION PLAN		7
BURN AREA, FUELS, AND PROJECT DESCRIPTION		7
PRESCRIPTION		8
SMOKE MANAGEMENT		9
REQUIRED RESOURCES		10
SAFETY PLAN		10
MEDICAL PLAN		11
COMMUNICATIONS PLAN		12
IGNITION PLAN		12
ESCAPED FIRE ANALYSIS AND ACTION PLAN		13
BRIEFING OUTLINE		14
GO/NO-GO CHECKLIST		16
TEST FIRE DOCUMENTATION		17
PRESCRIBED FIRE REPORT		18
SMOKE PERMIT APPLICATION FORMS		19
ESTIMATED COSTS AND FUNDING SOURCES		20
MAPS		21
VICINITY MAP	Error! Bookmark not defined.	
PROJECT MAP	Error! Bookmark not defined.	
DOCUMENTED CHANGES TO APPROVED BURN PLAN		23
SERVICE AGREEMENT		24
OTHER ATTACHMENTS		25

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

GOALS AND OBJECTIVES
GOALS: Reduce hazardous fuels and improve appearance of Colorado State University's Pingree Park mountain campus
OBJECTIVES, Rx FIRE: Consumption of slash in piles by a minimum of 60% while minimizing scorch/char on adjacent leave trees

COMPLEXITY ANALYSIS		Rating
Narrative: (For each topic describe the topic issues and any mitigation.)		(L, M, or H)
1	POTENTIAL FOR ESCAPE: Moderate due to fairly continuous forest fuels adjacent to burn units and location in a valley. Mitigated by burning conditions requiring persistence of large amounts of snow (>= 6 inches) and a substantial fuelbreak surrounding the campus on three sides.	M
2	NUMBER AND DEPENDENCE OF ACTIVITIES: The few igniters needed for this burn will hold the piles they ignite.	L
3	OFF-SITE VALUES: Private property, primarily to the south (nearest structure approximately ¼ mile west-southwest). Sky Ranch Lutheran Camp is 1 mile northeast. Other private properties with homes are to the east-northeast but are greater than 1 ½ miles away. Rocky Mountain National Park lies to the south. Notably, prevailing winds are consistent from the south/southwest which will tend to carry smoke away from most off-site values. Additionally, the Hourglass fire burn scar (7/94) surrounds the campus on the west, north, and east and acts as a fuel break.	M
4	ON-SITE VALUES: Multiple cabins, conference buildings, offices, and some historic structures (nearly 40 total). Piles will be closely monitored to avoid escape and potential threat.	H
5	FIRE BEHAVIOR: Minimal fire behavior expected except for initial ignition pulse. Any intense behavior will be mitigated by the snow pack that will be present. Dead fuels will pulse substantially upon ignition but will consume rapidly.	L
6	MANAGEMENT ORGANIZATION: Minimal organizational staff needed.	L

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

7	<u>PUBLIC AND POLITICAL INTEREST:</u> Due to the property being a campus of the Colorado State University system, there may be increased public/political/media interest in the burn. However, the area is very remote and seldom visited during the winter months when burning will occur except by CSFS staff. The campus is not staffed by regular university employees during the winter and the land is university property. Therefore, access is allowed only for authorized personnel.	L
8	<u>FIRE TREATMENT OBJECTIVES:</u> The majority of the fuel in the piles is the product of MPB killed trees that have faded and is therefore dried and available to burn. In the instance that green trees need to be cut/piled, they will be incorporated into pre-existing dried piles to ensure consumption. Pile location was monitored during construction and will have minimal negative effects on leave trees.	L
9	<u>CONSTRAINTS:</u> Access is the primary constraint on this unit. The area receives substantial amounts of snow during the winter and numerous drifts develop on the access road within the park. At times, the road in can be driven into the park a fair distance, minimizing the distance required to hike in. Otherwise, access can be made by clearing roads with a skid-steer loader (available on-site) or on foot with snowshoes and sleds the whole distance from the entrance.	L
10	<u>SAFETY:</u> Cold temperatures, poor access during inclement weather, and poor footing (icy conditions and snow drifts) are all concerns. Involved personnel will be sure to come prepared for cold weather and with required PPE. Safety briefings will be conducted by burn boss for all assisting resources during burn days to ensure awareness of hazards and safe operations.	L
11	<u>IGNITION PROCEDURES/METHODS:</u> Drip torch/fusee ignition at pile base.	L
12	<u>INTERAGENCY COORDINATION:</u> Although no assistance should be needed for ignition or holding from other agencies, contact will be made with local dispatch centers and volunteer agencies that may receive smoke reports related to the burn.	L
13	<u>PROJECT LOGISTICS:</u> Sufficient amounts of personnel, burn mix, vehicles, assorted equipment, and signage will be provided by the district.	L
14	<u>SMOKE MANAGEMENT:</u> Too much smoke production could have a negative impact on properties down the South Fork Cache la Poudre	L

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

<p>drainage. However, distance down drainage to the nearest structure is 3+ miles and few owners reside in the area during this season. Also, the county road providing access to the property, although maintained, is seldom used during the winter season except by occasional recreationists and only encounters the river drainage where the first structure is located. Prescribed fire notification signs will be placed at the entrance to the property.</p>	
<p>Project Complexity Rating: (This plan is intended for Low Complexity burns only. If a pile burn has a moderate or high complexity the broadcast burn plan template should be used.)</p>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">L</div>
<p>Rationale: Mostly low ratings (12 of 14) indicate that this project is truly of low complexity. The unit is small, remote, and very familiar to district staff and should pose no ignition or control problems.</p>	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">L</div>

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

NOTIFICATION	
IGNITION INFORMATION	
GENERAL GEOGRAPHIC LOCATION:	Larimer County, CO, End of Pingree Park Road (CR63E) about 11 miles south/southwest of Eggers (Junction with Hwy 14)
LEGAL:	T7N, R73W, SE 1/8 of Section 17 & SW 1/8 of Section 16
LATITUDE:	N 40° 34' 03"
LONGITUDE:	W 105° 35' 39"

PRESCRIBED FIRE NOTIFICATION LIST			
AGENCY	PHONE OR CONTACT INFORMATION	CONTACT RESPONSIBILITY	COMPLETED – Date(s), Time(s), & Initials
DISPATCH CENTERS			
Fort Collins Interagency Dispatch Center	970-295-6800	Burn Boss or CSFS District Staff	
Larimer County Dispatch Center	970-416-1985	Burn Boss or CSFS District Staff	
AIR QUALITY			
Larimer County Health Department	970-498-6700	Larimer County Sheriff's Office	
FIRE DEPARTMENTS			
Poudre Canyon Volunteer Fire Department	970-881-2902	Larimer County Dispatch Center	
CSFS			
Fort Collins District Forester or District FDO	970-491-8660	Burn Boss or CSFS District Staff	
CSFS Fire Division Personnel	970-491-8538	Burn Boss or CSFS District Staff	
Northeast Zone FMO (Vaughn Jones)	303-239-3851	Burn Boss or CSFS District Staff	
MEDIA			
Media will not be notified unless dictated by unusual circumstances.			

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

PUBLIC INFORMATION PLAN

Describe any project notifications that may be completed such as public meetings, press releases, mailings, information signs, etc.

There is no major public information session/method planned for this burn. Local dispatch centers will be notified on burn days of the intention to burn and operational progress.

Additionally, one Rx burn sign will be placed at the closed entrance to the property to provide explanation of smoke production to anyone in the immediate area.

BURN AREA, FUELS, AND PROJECT DESCRIPTION

County:	Larimer
Legal Description:	T7N, R73W, SE1/8 of Sec.17 & SW 1/8 of Sec. 16
Latitude (degrees, decimal minutes):	40.5674
Longitude (degrees, decimal minutes):	105.5940
Number of Piles:	Variable, average of 10
Burn Project Size (acres):	8 total (smaller portions treated over time as piles are built)
Size and Composition of Piles	Average dimension = 5'x5', conifer slash
Type, Hand or Machine	Hand
Ownership:	CSU/CSFS
Adjacent Fuels:	FBFM 1, 5, and 8
Unit Topography:	Mild slopes from 5 – 15%
Adjacent Topography:	Generally level valley to north, south, and east with increasing terrain to west, slopes to 30%
INDIVIDUAL UNIT DESCRIPTIONS:	Ø
Unit Name or Number	Latitude & Longitude (Center of Unit)

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

PRESCRIPTION

1. The prescription is used to determine limits and constraints for this prescribed fire plan.
2. The conditions specified in the smoke permit are also required considered prescription parameters.

Front Range and Plains Districts

Month:	November – April
Snow Cover:	At least six inches
Wx Forecast:	Temperatures and conditions that would indicate the snow cover staying in place for a minimum of 10 days

Western Slope Districts

Month:	N/A
Snow Cover:	N/A
Wx Forecast:	N/A

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

SMOKE MANAGEMENT

- An approved Smoke Permit from the State of Colorado or the local county is required prior to any ignition.
- The conditions specified in the smoke permit are also required prescription parameters.

Smoke Permit Information*

Permit Number: 2480

Issuing Agency: Larimer County

Dates Valid: 10/26/10 – 5/1/11

Permit Constraints: Tree slash only (no trash, stumps, or construction material), 3 inches or more of snow must be present, winds less than 7 mph.

* This information may not be available at the time of the burn plan review and approval process and may be filled in after approval.

SMOKE SENSITIVE AREAS	DISTANCE (miles) FROM BURN	DIRECTION FROM BURN
1. Off Site Private Residences	0.25-1.25	East-Southeast and Southwest
2. Off Site Church Camp	1	Northeast
3. Off Site Private residences	1.5	East-Northeast
4. Rocky Mountain National Park	2.5	South

Daytime Smoke Issues/Mitigation: Ignite early and only on days with good or better smoke dispersal ratings. Bone pile early and often to rapidly and completely consume fuels.

Nighttime Smoke Issues/Mitigation: Possibly keep Rx fire/Smoke Ahead signs up overnight in case smoke lingers.

Smoke Monitoring: Will be completed and documented by burn boss or other qualified personnel.

Contingency Smoke Plan: Ignitions will be stopped if very unfavorable smoke impacts are present.

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

<u>REQUIRED RESOURCES</u>	
Personnel	
Burn Boss, Type 3	1
Lighters (minimum)	1
Other, specify	Ø
Equipment	
Drip Torches	3
4x4 Pickup Truck	1
Supplies	
Fuel, Drip Torch	5 gal.
Fuel, unleaded	Ø
Fuel, Diesel	Ø
Fusees (case)	1
Drinking Water	5 gal.
Rx Burn Sign (ie. Smoke Ahead, Rx Burn)	1

<u>SAFETY PLAN</u>
<p>Known Hazards and Mitigation: Steep slopes, slippery surfaces – Watch footing Snags – Situational awareness (look up) Cold weather – Dress appropriately Dehydration – Hydrate appropriately Ignition equipment – Safe handling/general work practices Hazardous driving conditions – Safe speeds, utilize chains & 4x4 where needed</p>
<p>Personal Protective Equipment, PPE Required Fireline PPE includes:</p> <ul style="list-style-type: none"> • Either leather fire boots or waterproof pac-boots • hard hat with chinstrap • goggles/safety glasses • ear plugs/hearing protection • yellow aramid shirts • aramid trousers • leather gloves • Wear additional PPE as identified by local conditions or material safety data sheet (MSDS). <p>Specifics concerning PPE may be found in the Interagency Standards for Fire and Aviation Operations. Any cold weather clothing should be aramid, cotton, or wool.</p>
<p>Public Safety: Potentially smoky conditions will be warned of by placing Rx fire signs in appropriate locations. Atmospheric smoke impacts will be minimal due to required burn windows and positive wind dispersal. Entrance gate will be locked to prevent the public from entering the site during burning operations.</p>

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

MEDICAL PLAN						
MEDICAL AID STATION, CLINICS, TRAUMA CENTERS OR HOSPITALS						
NAME OF CARE FACILITY	PHYSICAL ADDRESS	TRAVEL TIME (MINUTES) AIR/GND.		PHONE NUMBER	BURN CENTER (Check Y or N)	HELIPAD (Check Y or N)
Poudre Valley Hospital	1024 S. Lemay Ave. Fort Collins, CO 80524	15	90	970-495-7000	N	Y
Medical Center of the Rockies	2500 Rocky Mountain Ave. Loveland, CO 80538	15	110	970-624-2500	N	Y
North Colorado Medical Center	1801 16th St. Greeley, CO 80631	25	130	970-352-4121	Y	Y
AIR AND GROUND PATIENT TRANSPORTATION						
NAME OF TRANSPORT AGENT	PHYSICAL ADDRESS	PHONE NUMBER		PARAMEDICS (Check Y or N)		
Poudre Valley Hospital Ambulance Service	415 S. Bryan, Fort Collins, CO 80521	970-484-1227 Request thru Larimer County Dispatch		Y		
Air Life Denver Helicopter	Frederick-Firestone Fire Station #2 3991 Rowe Street Firestone, CO 80504	303-360-3400 Request thru Larimer County Dispatch		Y		
North Colorado Med Evac Helicopter	1801 16 th Street Greeley CO Northern Colorado Medical Center	970-352-4121 Request thru Larimer County Dispatch		Y		
MEDICAL EMERGENCY PROCEDURES						
All major medical incidents will be reported through the appropriate dispatch - declare "Medical Emergency, please clear the air". Provide dispatch with the type(s) of injury, # of persons injured, and basic vital signs. Utilize on-site EMTs and/or first aid treatment to stabilize and comfort the patient(s). Medevac helispot(s) should be previously identified and will be a minimum of 100' X 100' in size and advise dispatch of obvious flight hazards (e.g. power lines). For minor injuries, transport the injured to the nearest medical facilities via project vehicles. Contact dispatch for logistical support. Relay to dispatch "Non-emergency" if appropriate. Note: Other helicopters may land at hospital helipads, however these hospital helipads often need a minimum of 10 minutes notice to clear the pad. Utilize zone dispatch for initial order of air-evac transportation.						
DIRECTIONS TO NEAREST MEDICAL FACILITY FROM PROJECT VIA GROUND TRANSPORTATION						
Leave campus onto Pingree Park Road (CR 63E) and travel approximately 11 miles to the junction of Highway 14 (Poudre Canyon Highway) and turn right. Head east on Hwy 14, 26.2 miles to the junction of US 287 and turn right (south). Continue into Fort Collins (about 10 miles) and turn left onto Jefferson Street. Continue straight onto Riverside Avenue and turn right onto Lemay (about 1.5 miles). After approximately 0.5 mile, Emergency Entrance will be on the left (east).						
LATITUDE/LONGITUDE AND GROUND CONTACT FREQUENCY OF PROJECT MEDIVAC HELISPOTS						
Pingree Park						
LATITUDE:	N 40° 34'	LONGITUDE:	W 105° 36'	FREQUENCY:	FERN 1, 154.2800	
Sky Ranch						
LATITUDE:	N 40° 35'	LONGITUDE:	W 105° 36'	FREQUENCY:	FERN 1, 154.2800	

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

COMMUNICATIONS PLAN						
ASSIGNMENT	RX FREQ.	RX TONE	TX FREQ.	TX TONE	Digital or Analog	REMARKS
Tactical	151.3400	Ø	151.3400	Ø	Analog	CSFS Tac
FTC Dispatch	169.1750	131.8 123.0	169.9750	131.8 123.0	Analog	Twin Sisters Repeater Buckhorn Repeater
Air Guard	168.6250		168.6250	None	Analog	Used for initial contact of aircraft only
FERN 1	154.2800		154.2800	None	Analog	Mutual Aid
FIRE NET	154.3850	156.7	154.3850	156.7	Analog	LARCO Dispatch
PROJECT CELLULAR PHONES						
PERSONNEL NAME				CELL PHONE NUMBER		
SPECIAL INSTRUCTIONS						
Cell phone coverage is not available on site. A land line telephone is available in the lab building for emergency use. Most radio traffic will be conducted through FTC Dispatch. FIRE NET may be utilized as needed for emergencies.						

IGNITION PLAN	
Ignition Method(s):	Drip Torch/Fusee, dot firing technique at pile base
NARRATIVE OF IGNITION PLAN AND ASSIGNMENTS	
<p>Due to the ongoing nature of pile burning on this unit and the associated variability of pile characteristics and location, ignition operations will be determined by the burn boss on the day of the burn after assessing pile locations in relation to values at risk, current weather, and resource availability.</p> <p>Burn boss will provide supervision, act as communication link with necessary parties, observe and document activities and progress, monitor smoke impacts, and call fire(s) out.</p>	
SPECIAL INSTRUCTIONS	

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

ESCAPED FIRE ANALYSIS AND ACTION PLAN	
Date/Time:	
TRIGGER MECHANISMS	
ESCAPED FIRE TRIGGERS:	1. Fire spread that is ¼ acre or greater.
TRIGGERS TO CEASE IGNITIONS:	1. Significant loss of snow cover during ignitions. 2. Smoke significantly impacting roadway or homes. 3. As determined by the Burn Boss.

INITIAL ESCAPED FIRE ACTION PLAN			
<p>INITIAL ESCAPED PRESCRIBED FIRE ACTION PLAN: This plan is developed to consider the initial action response from fire and resource management personnel in the event the fire can no longer be managed as a prescribed burn. The events or conditions which lead the prescribed fire's command staff to make this determination in addition to an obvious escape outside of the 1° and 2° areas are called "Trigger Points" and must be identified. In the event a prescribed fire becomes a wildfire, the following procedures will be initiated:</p>			
<ol style="list-style-type: none"> 1. The Burn Boss or other qualified individual will assume the role of Incident Commander (I.C.) and notify Fort Collins Interagency Dispatch of the situation. 2. The I.C. will notify the State Office Fire Duty Officer (970-222-2784). The I.C. will keep them informed of all actions taken. 3. The following table contains a list of recommended initial resources that may be ordered by the Incident Commander via Dispatch. These resource types and quantities are in-part derived from fire behavior calculations, risk assessments and holding force development processes, etc. It should be stressed to all personnel associated with the project that this list is only a guide and does not imply that these resources are required to implement the project. Professional judgment and experience should be utilized. 			
RECOMMENDED INITIAL RESOURCE ORDER			
SUGGESTED RESOURCE	DESIRED RESPONSE TIME TO INCIDENT (hours)	SUGGESTED RESOURCE	DESIRED RESPONSE TIME TO INCIDENT (hours)
2 Type 6 engines	.25		
Type 3 Tender	.25		
ICT4	.5		

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

BRIEFING OUTLINE

Formatted: Pattern: Clear (White)

- Burn Organization**
 - o Organization Chart / Personnel Assignments
 - o Equipment Assignments
 - o Other Resources
- Burn Objectives**
- Description of Burn Area**
 - o Review Map of Burn / Topographical Features / Acreage
 - o Values at Risk
 - o Problem Areas
 - o Roads & Access
 - o Water Sources / Helispots / Staging Areas / etc.
 - o Natural and man-made barriers
- Predicted Weather & Fire Behavior**
 - o Wind direction and speed
 - o Relative humidity (maximums and minimums)
 - o Temperature (maximums and minimums)
 - o Fuel moisture
 - o Atmospheric stability / Smoke dispersion
 - o Predicted changes
 - o Prescription parameters
 - o Intensity, Flame Lengths
- Communications**
 - o Procedures
 - o Frequencies / channels / cellular phones
 - o Ignition Crew
 - o Holding Resources
 - o Dispatch
 - o Aircraft
 - o Cooperators / Others
- Firing Sequence**
 - o Test burn
 - o Ignition equipment (Type, number, etc.)
 - o Pattern & Sequence of Firing (Map)
- Escaped Prescribed Fire Plan**
 - o Slop-over vs. Escape (Trigger points)
 - o Personnel assignments
 - o Strategy
 - o Tactics
- Safety**
 - o Inspect PPE
 - o LCES
 - o Hazards/Mitigations (Footing, natural, man-made, smoke [visibility], etc.)
 - o Potential problems
 - o Review project specific medivac plan
 - o Review Aviation Safety Plan if applicable

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

Date:

GO/NO-GO CHECKLIST		YES	NO
A. Has the burn unit experienced unusual drought conditions or contain above normal fuel loadings which were not considered in the prescription development? If NO proceed with checklist., if YES go to item B.			
B. If YES have appropriate changes been made to the Ignition and Holding plan and the Mop Up and Patrol Plans? If YES proceed with checklist below, if NO STOP.			
YES	NO		
		Are ALL of the fire prescription elements met?	
		Are ALL of the smoke management specifications met?	
		Have ALL of the required current and projected fire weather forecasts been obtained and are they favorable?	
		Are ALL of the required operations personnel and equipment on-site, available, and operational?	
		Have ALL personnel been briefed on the project objectives, their assignment, safety hazards, escape routes, and safety zones?	
		Have all the pre-burn considerations identified in the Prescribed Fire Plan been completed or addressed?	
		Have ALL of the required notifications been made?	
		Are ALL of the permits and clearances obtained?	
		In your opinion, can the burn be carried out according to the Prescribed Fire Plan and will it meet the planned objective?	

If all the questions were answered "YES" proceed with a test fire. Document the current conditions, location, and results.

 Burn Boss

 Date

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

TEST FIRE DOCUMENTATION			
LOCATION OF TEST FIRE			
WEATHER CONDITIONS ON SITE		RESULTS OF TEST FIRE	
Temperature		Flame Length	
RH		Smoke Dispersal	
Wind Speed		Consumption	
Wind Direction			
DOES THE TEST FIRE MEET PRESCRIPTION PARAMETERS?		YES	NO
COMMENTS			
BURN BOSS SIGNATURE & PRINTED NAME		DATE	TIME (24 Hour)

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

PRESCRIBED FIRE REPORT							
PROJECT NAME:	Pingree Park Piles						
BURN UNIT(s):	Ø						
DATE BURNED:							
PREPARED BY:							
PERSONNEL ASSIGNED	OPERATIONAL POSITION	EQUIPMENT ASSIGNED					
WEATHER CONDITIONS							
UNIT NAME OR NUMBER	TEMPERATURE	RELATIVE HUMIDITY	MID-FLAME WINDSPEED	WIND DIRECTION(s)	CLOUD COVER	HAINEX INDEX	OTHER
OBJECTIVE ACCOMPLISHMENTS (List by each prescribed burn objective stated for this plan)							
SMOKE DISPERSAL AND DURATION							
RECOMMENDATIONS FOR FUTURE BURNING							
TOTAL ACRES/PILES BURNED:							
CERTIFIED BY:							
1 – Repeat as needed for burning of different units or same unit on different days							
2 - The Prescribed Fire Report and Actual Project Costs forms must be completed and submitted to the State Office Fire Division within 30 days of burn.							

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

SMOKE PERMIT APPLICATION FORMS

GENERAL OPEN BURN PERMIT

Pin ree Park,

Your application for a General Open Burn permit in Larimer County has been APPROVED. This notice will serve as your Burn Permit. Please PRINT A COPY of this approval notice, a copy must be in your possession each day i nition occurs. This approval is valid for dayli ht burnin only, all fires must be completely out by dusk.

Permit ID: 2480

Location: 16321 Pin ree Park Rd., Bellvue 80512, Pin ree Park Campus

Date(s): Oct 26, 2010 - May 1, 2011

Material: Slash Piles

Amount: 14 Piles

Invalid after: May 1, 2011

Special Instructions:

From Larimer County Department of Health and Environment (970-498-6775) - approved on 10/26/2010:

No burnin of trash or stumps allowed. When weather conditions permit.

From Larimer County Sheriff (970-498- 5302) - approved on 10/26/2010:

This permit is only valid from October 1, 2010 throu h May 1, 2011. PERMIT HOLDER MAY BURN TREE SLASH ONLY. No trash, stumps or construction materials. There must be 3 or more inches of snow cover around piles and winds less then 7mph before burnin . Please follow all burnin uidelines.

ALL REGULATIONS SHALL APPLY

ON THE DAY OF THE BURN, PLEASE NOTIFY THE FOLLOWING:

Larimer County Communications Center: 970-416-1985 Fire Protection District Listed Above

For uidelines on burnin slash, see

http://www.co.larimer.co.us/burnpermit/slash_burnin_uidelines.htm, also the attached brochure.

Are You FIREWISE? See <http://www.larimer.or/wildfire/>

Larimer County Department of Health & Environment
1525 Blue Spruce Drive
Ft. Collins, CO 80524
(970) 498-6775

Larimer County Sheriff Office, Emer ency Services Section
1303 N. Shields Street
Ft. Collins, CO 80521
(970) 498-5302

Pingree Park Piles Plan, page 19

CSFS #170 Piles (Revised 7-2009)

Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

ESTIMATED COSTS AND FUNDING SOURCES		
COSTS	Estimated	Actual
Planning		
Site Preparation, Mechanical		
Site Preparation, Black-Lining		
Burn Execution		
Mop-Up		
Patrol		
Monitoring and Evaluation		
Administrative		
TOTAL COST		
Cost/Acre		
Cost/Pile		

FUNDING SOURCES	
Source	Amount
Preparedness Account, 1929800	
Fort Collins District 53 Account	
TOTAL FUNDS	

→ All costs involved in the burning of Pingree Park piles will be variable, due to the ongoing nature of the project. On behalf of the CSFS, funding will be provided by the fire preparedness account (1929800) and the Fort Collins District 53 account, with the ratio determined by the personnel staffing the burn on any given day.

Colorado State Forest Service
Pile Burning Prescribed Fire Plan



Colorado State Forest Service
 Pile Burning Prescribed Fire Plan

DOCUMENTED CHANGES TO APPROVED BURN PLAN		
Affected Area of Plan:	Page #, Section, Title, etc.	
Proposed Change:		
Reason for Change:		
Burn Boss' Comments and Date Requested:		
Fire Division Comments & Date Reviewed:		
Reviewed and Approved by:		
Signature and Printed Name:	Title:	Date:
	District Forester	
	FMO	
1 – A copy of this approved form must be added to the original burn plan and files, along with any changed/revised sections of the burn plan.		

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

SERVICE AGREEMENT

CSU Property

Colorado State Forest Service
Pile Burning Prescribed Fire Plan

OTHER ATTACHMENTS



Combined dead and green fuels

Colorado State Forest Service
Pile Burning Prescribed Fire Plan



Good Consumption

Lebeda,Boyd

From: Rastall,Pat
Sent: Wednesday, November 09, 2011 4:08 PM
To: Lebeda,Boyd
Cc: Zausen,Gregory; Webb,Seth
Subject: Pingree Slash Piles

Hi Boyd,

Thanks to you, Greg and the CSFS for burning the slash piles last month at Pingree. I know you waited for right conditions (snow cover) and were able to burn many piles. Our county burn permit number is 1885 and we are cleared through May 1, 2012.

I realize that significant slash piles remain, so feel free to burn those, when and if you are able. Tom and Rex will be coming down from Pingree at the end of the month. So just let me know via email or phone (1-4730) when you can get up to Pingree, later this winter.

Thanks for all you guys do for us.

Regards, Pat

Prescribed Fire Notification

Fort Collins Interagency Dispatch Center

Phone: 970-295-6800 Fax: 970-295-6801 E-MAIL: fortcollinsdispatch@yahoo.com

Notification Date:

Administrative Unit	Planned Start Date	Actual Start Date	# of Days of Burn	Acres	Fuel Type(s)	VOR Aircraft Coordinates e.g. ABO 360° 10 nm	Legal & Lot/Long e.g. 8N 72W Sec 8 e.g. 40° 41' 48" 105° 38' 29"	Project Name & Location
CSFS-Ft Collins	10/27/11	Leave Blank	2	2	Slash	BJC 321 44nm LAR 159 47nm GLL 262 48nm	T7N R73W SE1/8 of Secs. 16&17 N 40° 34' 03" W 105° 35' 39"	Pingree Park Campus
Resources on Scene	Personnel	Equipment	Other Resources	# of Piles	Contingency Resources	REMARKS		
RxB3 (Beveridge)	7 FFT's	3 Pickups	2 local staff	20	Campus Bobcat			