



MISSOURI DEPARTMENT OF CONSERVATION

PRESCRIBED BURN PLAN

This is a: New Burn Plan _____ Re-Approval _____

PROJECT DESCRIPTION	
Area/Field, Stand or Unit No.:	
Prepared by:	Date:
RX Burn Boss approval:	Date:
Location description (attach map):	
Acreage:	
Site description:	
Sensitive areas:	
Risk Assessment Value (attach Risk Assessment Worksheet):	

PRESCRIPTION			
Burn objectives:			
Preferred timing:			
Desired fire behavior:			
Conditions needed:		Range	Ideal
	Temperature		
	Relative humidity		
	1 hr. fuel moisture		
	10 hr. fuel moisture		
	Midflame wind speed		
	Wind direction		

BEHAVE run results:			
Burn area fuel model(s):			Adjacent area fuel model(s):
	Head	Back	Head
Rate of spread (ch/hr or ft/min)			
Heat/unit area (BTU/ft ²)			
Fireline intensity (BTU/ft/sec)			
Flame length (ft)			
Smoke management: Desired atmospheric conditions: Mixing height (>1650' recommended): Ventilation rate (>6000 m ³ /sec recommended): Air quality restrictions that apply:			
Firelines:			
Adjacent fuels:			

PROJECT RESOURCES		
Prescribed Fire Burn Boss:		
Crew size:		
Ignition/holding crew(s):		
Suppression crew(s):		
Other crew members:		
Hand equipment:	Number	Assignment
Drip torches		
Backpack pumps		
Swatters		
Broom rakes		
Chainsaws		
Backpack blowers		
Belt weather kit or Kestral		
Other:		

Mechanized equipment:	Number	Assignment
ATVs		
Tractor		
Pickup with water unit		
Dozer		
ATV water unit		
Pulled water unit		
Other:		
Other equipment:	Number	Assignment
Matches (<i>book or box</i>) Cigarette Lighter		
Portable radios		
Blower fuel		
Drip torch fuel		
Bolt cutters		
Pliers		
Drinking water		
Food		
Compass		
Aerial photos, maps, topos		
First aid kits		
Cell phone		
Other:		
Other:		

LOGISTICS
Weather monitoring:
Public notifications: RFDs: Law enforcement: MDC regional office/field offices/fire zone dispatch: Adjacent landowners: Other:

Area / Burn Unit Posting Locations (include map):
Ignition plan (attach map):
Contingency plans: Fire out of prescription: Minor escapes (spotovers): Moderates escapes: Major escape:

BURN PLAN REVIEW AND APPROVAL	
Low risk assessment (value 0-14) – Forestry, Wildlife or Private Land Services Regional Supervisor*	
Approval Signature:	Date:
Moderate risk assessment (value 14-23) – Forestry and Wildlife Regional Supervisors – Private Lands Regional Supervisor may sign in place of the Forestry RS or the Wildlife RS for private land burns.	
Approval Signature:	Date:
Approval Signature:	Date:
High risk assessment (value ≥24) – Fire Management Coordination Team	
Approval Signature:	Date:
Fisheries Regional Supervisor – If there are any streams with permanent flow or permanent ponds, be sure to take note of them and secure the Fisheries RS approval.	
Approval Signature:	Date:
Natural History Biologist approval if Natural Area involved	
Approval Signature:	Date:
RE-APPROVAL **	
I certify that this burn plan is still valid and the risk criteria (new construction, fuels, etc.) have not changed.	
RXBB Signature:	Date:
I certify that this burn plan is still valid and the risk criteria (new construction, fuels, etc.) have not changed.	
RXBB Signature:	Date:
I certify that this burn plan is still valid and the risk criteria (new construction, fuels, etc.) have not	

changed.

RXBB Signature:

Date:

I certify that this burn plan is still valid and the risk criteria (new construction, fuels, etc.) have not changed.

RXBB Signature:

Date:

* Regional Supervisors must be Incident Commander (IC) or Prescribed Fire Burn Boss (RXBB) qualified to sign. If a Regional Supervisor lacks this experience, they will select a member of their staff who is qualified as an IC or RXBB to sign on their behalf.

** A burn plan may be used for repeat burns of an area without rewrite if the Prescribed Fire Burn Boss certifies that the plan is still valid and none of the risk assessment criteria (such as management objectives, new construction or developments, fuel type, smoke impacts, etc.) have changed.

DAY OF BURN CHECKLIST

Area/Field, Stand or Unit No.:

Date:

Burn Day Checklist (Go/No Go):

Refer to contents of Burn Plan

_____ Notifications made **If High Risk, has the Jefferson City, Central Office been notified? Respective Regional Supervisor will notify their Division Chief of the burn. Division Chiefs will notify their respective Deputy Director.*

_____ All equipment present and in working order

_____ Personnel on site with proper personal protective equipment

_____ Personnel briefed on procedures and contingencies

_____ Personnel briefed on communications and safety zones

_____ Backup resources available

_____ Weather within prescription Time: _____

Wind speed: _____ Direction: _____

Temperature: _____ RH: _____

_____ First aid kits fully stocked

Emergency medical services: _____
Name Phone

I certify that all items on the checklist are “go” for the burn:

Prescribed Fire Burn Boss

POST-BURN EVALUATION

Weather

Pre-burn Time: _____
Temperature: _____
Relative humidity: _____
Windspeed: _____
Direction: _____

Post-burn Time: _____
Temperature: _____
Relative humidity: _____
Windspeed: _____
Direction: _____

Fire behavior

Rate-of-spread: _____
Flame lengths: _____

Circumstances of any erratic fire behavior:

Smoke dispersal during burn:

Percent of area burned:

Amount of fuel consumed:

Any public interest during burn – pro or con: