

Final Draft July 15, 2005

PRESCRIBED FIRE PLAN

ADMINISTRATIVE UNIT(S):

PROJECT NAME:

PREPARED BY:

Name & Qualification

DATE:

TECHNICAL REVIEW BY:

Name & Qualification

DATE:

COMPLEXITY RATING:

APPROVED BY:

Agency Administrator

DATE:

DOI: The approved Prescribed Fire Plan constitutes the 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 that are not in compliance with elements of the approved plan regarding execution in a safe and cost-effective manner.

AGENCY ADMINISTRATOR GO/NO-GO PRE-IGNITION APPROVAL CHECKLIST

PRESCRIBED FIRE NAME:

Instructions: The Agency Administrator’s GO/NO-GO Pre-Ignition Approval is the intermediate planning review process (i.e. between the Prescribed Fire Complexity Rating System Guide and Go/No-Go Checklist) that should be completed before a prescribed fire can be implemented. The Agency Administrator’s Go/No-Go Pre-Ignition Approval evaluates whether compliance requirements, Prescribed Burn Plan elements, and internal and external notifications have been completed and expresses the Agency Administrator’s intent to implement the Prescribed Burn Plan. If ignition of the prescribed fire is not initiated prior to expiration date determined by the Agency Administrator, a new approval will be required.

YES	NO	KEY ELEMENT QUESTIONS
		Is the Prescribed Fire Plan up to date? <i>Hints: amendments, seasonality.</i>
		Have all compliance requirements been completed? <i>Hints: cultural, threatened and endangered species, smoke management, NEPA.</i>
		Is risk management in place and the residual risk acceptable? <i>Hints: Prescribed Fire Complexity Rating Guide completed with rational and mitigation measures identified and documented?</i>
		Will all elements of the Prescribed Fire Plan be met? <i>Hints: Preparation work, mitigation, weather, organization, prescription, contingency resources</i>
		Will all internal and external notifications and media releases be completed? <i>Hints: Preparedness level restrictions</i>
		Are key agency staff fully briefed and understand prescribed fire implementation?
		Other:

Recommended by: _____ Date: _____
FMO/Prescribed Fire Burn Boss

Approved by: _____ Date: _____
Agency Administrator

Approval expires (date): _____

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PRESCRIBED FIRE GO/NO-GO CHECKLIST

PRESCRIBED FIRE NAME:

<p>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.</p>	<p>YES</p>	<p>NO</p>
<p>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.</p>		

YES	NO	QUESTIONS
		Are ALL fire prescription elements met?
		Are ALL smoke management specifications met?
		Has ALL required current and projected fire weather forecast been obtained and are they favorable?
		Are ALL planned operations personnel and equipment on-site, available, and operational?
		Has the availability of ALL contingency resources been checked, and are they available?
		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 the required notifications been made?
		Are ALL 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

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COMPLEXITY ANALYSIS SUMMARY			
ELEMENT	RISK	POTENTIAL CONSEQUENCE	TECHNICAL DIFFICULTY
1. Potential for escape			
2. The number and dependence of activities			
3. Off-site Values			
4. On-Site Values			
5. Fire Behavior			
6. Management organization			
7. Public and political interest			
8. Fire Treatment objectives			
9. Constraints			
10. Safety			
11. Ignition procedures/methods			
12. Interagency coordination			
13. Project logistics			
14. Smoke management			

COMPLEXITY RATING SUMMARY	
	OVERALL RATING
RISK	
CONSEQUENCES	
TECHNICAL DIFFICULTY	
SUMMARY COMPLEXITY DETERMINATION	
RATIONALE:	

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DESCRIPTION OF PRESCRIBED FIRE AREA	PROJECT NAME:	
	BURN UNIT NAME:	
PHYSICAL DESCRIPTION		
PROJECT OR BURN UNIT BOUNDARY DESCRIPTION		
FUELS DESCRIPTION		
ON-SITE FUELS DATA	ADJACENT FUELS DATA	
DESCRIPTION OF UNIQUE FEATURES (hazards, regulations, issues, constraints, etc. Examples may include: fences to protect, power poles, historical/cultural sites, threatened and endangered species or habitat, etc.)		

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GOALS AND OBJECTIVES	PROJECT NAME:	
	BURN UNIT NAME:	
PURPOSE AND RESOURCE MANAGEMENT GOALS:		
RESOURCE AND PRESCRIBED FIRE OBJECTIVES		
RESOURCE OBJECTIVES:	PRESCRIBED FIRE OBJECTIVES:	
OBJECTIVES ARE S.M.A.R.T.	Specific Measurable Attainable Reasonable Time Related	
CONSTRAINTS:		

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FUNDING	PROJECT NAME:		
	BURN UNIT NAME:		
PRESCRIBED FIRE PHASE:	COST:	FUNDING SOURCE:	
TOTAL OF ALL ESTIMATED COSTS:			

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PRESCRIPTION: ENVIRONMENTAL PARAMETERS	PROJECT NAME:			
	BURN UNIT NAME:			
	PRESCRIPTION COVERAGE: (Rx type &/or ignition method and season should be covered when multiple Rx included)			
ENVIRONMENTAL PARAMETERS NEEDED TO PRODUCE THE DESIRED FIRE BEHAVIOR: Fill in applicable environmental parameters (weather, topography, fuels, etc.) for this fuel model. Separate environmental prescriptions may be needed for multiple fuel model conditions, seasonal differences and/or types of ignition (black lining, underburning, broadcast aerial ignition, etc.*	Fuels Within the Project or Burn Unit Boundary		Fuels Outside of The Project or Burn Unit Boundary	
	Low Fire Intensity	High Fire Intensity	Adjacent	Max. Spot Distance
	Environmental parameters discussion, or description of empirical evidence utilized:			

*Separate prescriptions pages should be added for multiple prescriptions and result in multiple complexity ratings and burn organizations.

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PRESCRIPTION: FIRE BEHAVIOR PARAMETERS OUTPUTS	PROJECT NAME:			
	BURN UNIT NAME:			
	PRESCRIPTION COVERAGE: (Rx type &/or ignition method and season should be covered when multiple Rx included)			
DESCRIPTION OF PRESCRIBED FIRE BEHAVIOR CHARACTERISTICS NEEDED TO MEET THE RESOURCE MANAGEMENT OBJECTIVES STATED IN THE OBJECTIVES SECTION: Fill-in all applicable fire behavior parameters (flame lengths, rate of spread, scorch height, ERC, etc.) for this fuel model. Separate environmental prescriptions may be needed for multiple fuel model conditions, seasonal differences and/or types of ignition (black lining, underburning, broadcast, aerial ignition, etc.)*	Fire Behavior For Fuels Within the Project or Burn Unit Boundary		Fire Behavior For Fuels Outside the Project or Burn Unit Boundary	
	Low Fire Intensity	High Fire Intensity	Adjacent	Max. Spot Distance
Fire Behavior outputs may be derived from BEHAVE models, nomograms, or historical/empirical evidence. Include modeling and/or empirical evidence documentation as an appendix or in the fire behavior narrative.				
Fire Behavior Narrative or description of empirical evidence:				
(Empty space for narrative)				

*Separate prescriptions pages should be added for multiple prescriptions and result in multiple complexity ratings and burn organizations.

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SCHEDULING	PROJECT NAME:	
	BURN UNIT NAME:	
IGNITION TIMEFRAMES:		
PROJECT DURATION:		
CONSTRAINTS:		

PRE-BURN CONSIDERATIONS	PROJECT NAME:				
	BURN UNIT NAME:				
ON AND OFF-SITE CONSIDERATIONS					
ON SITE: OFF SITE:					
METHOD AND FREQUENCY FOR OBTAINING WEATHER FORECAST(S):					
NOTIFICATIONS:					
Who	When*	Phone Number and/or e-mail	Responsibility	Date	Method

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PRESCRIBED FIRE BRIEFING CHECKLIST	
<input type="checkbox"/>	Burn Organization
<input type="checkbox"/>	Burn Objectives
<input type="checkbox"/>	Description of Burn Area
<input type="checkbox"/>	Expected Weather & Fire Behavior
<input type="checkbox"/>	Communications
<input type="checkbox"/>	Ignition plan
<input type="checkbox"/>	Holding Plan
<input type="checkbox"/>	Contingency Plan
<input type="checkbox"/>	Wildfire Conversion
<input type="checkbox"/>	Safety
<p>The Prescribed Fire Burn Boss, or designee, will ensure that any new personnel arriving to the prescribed fire receives a briefing prior to assignment.</p>	

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ORGANIZATION AND EQUIPMENT	PROJECT NAME:	
	BURN UNIT NAME:	
<p>Specify the minimum required implementation organization to meet the capabilities by position, equipment, and the supplies needed for the prescribed fire until declared out. Different organizations may be identified for different stages of implementation (i.e. holding v. mop-up and patrol, different ignition operations, different prescriptions).</p>		
CHANGES TO ORGANIZATION DURING IMPLEMENTATION:		
<p>Any changes to the organization during implementation must be documented. These are changes that may reflect assignments to other personnel not changes to the capabilities, equipment or supplies which would require an amendment.</p>		

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PUBLIC, PERSONNEL SAFETY	PROJECT NAME:	
	BURN UNIT NAME:	
GENERAL PUBLIC AND PERSONNEL SAFETY MESSAGE:		
SPECIFIC SAFETY DISCUSSION INCLUDING UNIQUE HAZARDS AND CONCERNS:		

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EMERGENCY MEDICAL PLAN	PROJECT NAME:	
	BURN UNIT NAME:	
EMERGENCY FACILITIES:		
EMERGENCY EVACUATION:		
MEDICAL EMERGENCY PROCEDURES:		
DIRECTIONS FROM NEAREST MEDICAL FACILITY TO PROJECT VIA GROUND:		

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TEST FIRE	PROJECT NAME:				
	BURN UNIT NAME:				
PLANNED LOCATION & SPECIFIC INSTRUCTIONS:					
BURN DAY DOCUMENTATION					
WEATHER CONDITIONS ONSITE:			RESULTS OF TEST FIRE:		
Does the test fire meet prescription parameters?	YES		NO		
COMMENTS:					

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IGNITION PLAN	PROJECT NAME:	
	BURN UNIT NAME:	
NARRATIVE FOR IGNITION PLAN:		
<p>METHOD(S)*:</p> <p>TECHNIQUES:</p> <p>SEQUENCES:</p> <p>ANTICIPATED PATTERNS:</p>		
<p>If aerial ignition (or other aerial operations) is planned, also cover aviation operations, organization, and safety. If a specific administrative or agency aerial ignition plan exists, attach to the prescribed fire plan</p>		

*Multiple prescriptions may require identifying and developing multiple ignition organizations and implementation instructions.

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HOLDING PLAN	PROJECT NAME:	
	BURN UNIT NAME:	
GENERAL PROCEDURES NARRATIVE FOR PRESCRIBED FIRE HOLDING:		
CRITICAL HOLDING POINTS AND MITIGATION ACTIONS:		
Critical holding points and safety zones will be identified on the project map		

PRESCRIBED FIRE MOP-UP & PATROL	PROJECT NAME:	
	BURN UNIT NAME:	
GENERAL PROCEDURES NARRATIVE FOR PRESCRIBED FIRE MOP-UP AND PATROL:		
PRESCRIBED FIRE DECLARED OUT BY:		

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CONTINGENCY PLAN	PROJECT NAME:	
	BURN UNIT NAME:	
TRIGGER POINTS:		
Determine trigger points that indicate when additional holding resources and actions are needed to ensure the prescribed fire stays within prescription.		
ACTIONS NEEDED:		
Describe actions to be taken to ensure the prescribed fire stays within prescription.		
MINIMUM RESOURCES AND MAXIMUM RESPONSE TIME(S):		
Describe personnel needed to ensure the prescribed fire stays within prescription. Plans may identify different levels of contingency staffing needed for different stages of the burn, ignition through patrol. Verify availability of identified contingency resources on day of implementation.		

If contingency resources availability falls below plan levels for that stage of the burn, actions must be taken to secure operations until identified contingency resources are replaced.

With the ordering and/or deployment of contingency resources, the burn boss will notify the Agency Administrator through the appropriate chain of command.

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WILDFIRE CONVERSION	PROJECT NAME:	
	BURN UNIT NAME:	
<p>A prescribed fire must be declared a wildfire by those identified in the plan when that person(s) determines that the contingency actions have failed or are likely to fail and cannot be mitigated within the next burning period by on-site holding forces and any listed contingency resources. In addition, an escaped prescribed fire must be declared a wildfire when the fire has spread outside the project boundary, or is likely to do so and cannot be contained within the next burning period.</p>		
WILFIRE DECLARED BY:		
Who will make the decision that the fire has escaped		
IC ASSIGNMENT:		
Identify who will be the IC		
NOTIFICATIONS:		
Identify the notifications to be made and who will make them.		
EXTENDED ATTACK ACTIONS AND OPPORTUNITIES TO AID IN SUPPRESSION EFFORTS:		

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SMOKE MANAGEMENT AND AIR QUALITY	PROJECT NAME:	
	BURN UNIT NAME:	
COMPLIANCE:		
Describe how the project will comply with local community, County, State, Tribal, and Federal air quality regulations.		
IMPACTED AREAS:		
Identify Class I air sheds, restricted areas, non-attainment areas (designated areas), and population centers that may be impacted.		
SENSITIVE FEATURES AND RECEPTORS:		
MITIGATION STRATEGIES AND TECHNIQUES TO REDUCE IMPACTS (If Applicable):		

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MONITORING	PROJECT NAME:	
	BURN UNIT NAME:	
MONITORING:		
Describe the monitoring that will be required for the prescribed fire. At a minimum specify the weather, fire behavior and fuels information (forecast and observed) and smoke dispersal monitoring required during all phases of the project and the procedures for acquiring it, including who and when.		

POST-BURN ACTIVITIES	PROJECT NAME:	
	BURN UNIT NAME:	
POST-BURN REPORT:		
Prescribed fire reporting will include: burn day conditions, fire behavior, smoke dispersal, and first order fire effects.		
OTHER:		
Describe other post-burn activities that must be completed. This may include: safety mitigation measures, and rehabilitation needs including those as a result of pre-burn activities undertaken.		