Oregon Department of Forestry Broadcast/Understory Burn Plan

Landowner Name and Address and/or Driving Directions to Unit	Township	Range	Section	County	Lat/Long (Degrees, Decimal Minutes)	Unit Name
Top Ranch/ Top Rd, Monument, OR	8S	27	11/12	Grant	44' 89251 -119' 45338	Airplane Strip

SIGNATURES AND CONTACT INFORMATION

Preparer(s) Signature	Bill Newman	Date	8/13/25
Name and Phone	Bill Newman (541)934-2608		
Certified Burn Mgr Signature	Bill Newman	Date	8/13/25
Name, CBM #, and Phone	Bill Newman CBM#20250425PB32 (541)934-2608		
Landowner(s) Signature	x Catherine M Miller	Date	8/13/25
Name and Phone	Catherine Miller (619)889-4322		

REGISTRATIONS, SMOKE CLEARANCE, AND PERMITS

NOAP and/or PDM Number and Smoke Registration (If required)	NOAP#2025-952-04097	Burn and Smoke Permit Obtained (If required)	

NOTIFICATIONS

NEARBY LANDOWNERS AND NEIGHBORS		FIRE, EMERGENCY RESPONSE, AND AIR QUALITY CONTACTS	
Name	Contact Info	Name	Contact Info
James Molihara	(208)378-1868	Oregon Department of Forestry	JDIDC (541)575-3107
Darrell Howe	(541)934-2088	Rural/City/County Fire Department(s)	911 all medical
Jim Stubblefield	(541)934-2688	911 Non-Emergency Dispatch	Grant County dispatch
		Local Air Quality (if applicable)	

BURN UNIT DESCRIPTION

Fuel Type (Slash, Brush, Grass, and/or Timber)	Fuel Loading (tons/acre)	Size of Unit (acres)
timber understory, grass & brush	Approx. 5 tons/acre	120 acres

PRE-BURN FUELS AND VEGETATION DESCRIPTION INSIDE BURN UNIT

Pre-commercial thinned 3 years ago. All slash was piled and burned at that time. Ponderosa pine reprod scattered throughout. Juniper seedlings throughout. Mixed grass and brush. Small amount of recent beetle kill trees scattered throughout.

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PRE-BURN FUELS AND VEGETATION DESCRIPTION OUTSIDE BURN UNIT

To the South, property owner no maintenance: abundant grass, dead timber.
To the West, Top Rd: road right of way recently thinned.
To the North: stand of Ponderosa pine reprod and a cut grass hay field.
To the East a cut grass hay field down to the SE corner where it meets the neighbor to the south with high fuel load.

PRE-BURN PREPARATION

DESCRIPTION OF PRIMARY CONTROL LINES AND PREPARATIONS FOR USE:
Utilization of county road along western boundary. Will use dozer line on the rest of the perimeter.

LOCATION OF AND CONFIRMATION OF ACCESS TO PRIMARY WATER SOURCES:
Fern Creek ponds located off Top Rd 1/2 mile from burn site.
Pond A: 44.905 -119.460 engine and tender fillable.
Pond B: 44.907 -119.907 engine and tender fillable, dip site for T1 helicopter long and short line

MINIMUM RESOURCES - PERSONNEL

Number needed	Position	Description
1	Certified Burn Manager	Certified to lead broadcast/understory burns
1	Firing Boss	leader of firing crew
4	Firing Crew	firing ops
8	Holding Crew	holding ops

MINIMUM RESOURCES - EQUIPMENT

Number needed	Equipment Type	Burn Phase (Ignition and/or Patrol/Mop-Up)
4	drip torches	ignition
2	T7 engine	ignition patrol & mop up
1	bulldozer	contingency

RADIO, CELLULAR, OR OTHER FORMS OF COMMUNICATIONS

SYSTEM	FUNCTION	FREQUENCY		ASSIGNMENT
FRS	TAC	TX	Channel 9 (tone 11)	General communications
		RX		
Cell	Command		151.14500	Emergency notifications

CONTINGENCY AND WILDFIRE DECLARATION

CONTINGENCY ACTION POINTS INCLUDING WHEN AND HOW TO RESPOND:
Activate contingency if fire activity within burn unit exceeds holding capacity of on-site holding and firing crews. Anything not contained with 30 minutes or 1/2 acre outside of burn unit indicates need to activate contingency.

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LOCATION AND CONDITION OF SECONDARY CONTROL LINES AND BACK-UP WATER SOURCES:

On site dozer, will open up existing 2 track roads, interior to Top Ranch as needed for contingency. Back-up water sources can be found in Fern Creek to the North and Board Creek to the South.

CRITERIA AND PROCEDURE FOR WILDFIRE DECLARATION:

Once contingency has failed and all means of suppression has exceeding the firing and holding crews capacity, the Burn Manager will need to call JDIDC and notify ODF immediately. The Burn Manager will provide an estimated size up at this time.

CONTINGENCY RESOURCE NAME	RESPONSE TIME	LOCATION
ODF Monument JDIDC#541-575-3107	1 hour	Monument, OR
ODF John Day JDIDC#541-575-3107	2 hours	John Day, OR

VALUES AT RISK AND PRESCRIPTIVE SIDEBOARDS INSIDE AND OUTSIDE UNIT

MITIGATION MEASURES TO PROTECT VALUES AT RISK:

Utilize dozer lines around perimeter to patrol and suppress fire activity with Type 7 engines.

SMOKE MANAGEMENT

Nearest Smoke Sensitive Receptor(s)/Class 1 Airshed	La Grande, OR	Distance and Direction	NE 72 miles

MITIGATION STRATEGIES AND TECHNIQUES TO REDUCE IMPACTS:

N/A

SMOKE MANAGEMENT FORECAST DAY BEFORE/DAY OF BURN:

N/A

TEST FIRE AND IGNITIONS

TEST FIRE LOCATION(S):

SW corner

IGNITION EQUIPMENT, METHODS, AND SEQUENCES:

Utilize drip torches to black line Western boundary with County Road. Utilize drip torches to black line Southern boundary, turn the corner up the East boundary with the same methods, turn the corner on the Northern boundary and burn to the interior.

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HOLDING AND CONTAINMENT

CRITICAL HOLDING POINTS AND MITIGATIONS:

The entire perimeter will be considered critical holding points, utilizing the Type 7 engines to suppress along the perimeter until a nice black line is created. Since we have a heavy adjacent fuels along the Southern and SE boundaries, we will try to obtain a minimum 24 foot black line before interior ignitions take place.

CONTAINMENT LINE SPECIFICATIONS AND RATIONALE:

Utilizing the 9 foot dozer line will give access for the Type 7 engines. The County Road gives us a firm black line on the West boundary, which is also accessible on the interior side of the fence.

MOP-UP, PATROL, AND NOTIFICATION OF DECLARING BURN OUT

MOP-UP STANDARDS:

Cold trail the first 100 feet of perimeter once all consumption needs are met. Let the interior burn itself out.

FREQUENCY AND DURATION OF PATROL:

Patrol needs to be done every day after the burn is completed until no visible smoke or heat is coming from the interior or edge. Patrol times should be between 1300 and 1700 hours.

DESCRIBE CRITERIA AND NOTIFICATIONS FOR DECLARING THE BURN OUT:

Must have 2 clean patrols before declaring the burn out. A clean patrol will include no visible smoke and no heat anywhere in the unit. Update JDIDC of all smokes and heats that are found. Update JDIDC and ODF once the declaration is made that the burn is out.

SAFETY, MEDICAL, AND EMERGENCY PLAN

NEAREST HOSPITAL:

Blue Mountain Hospital, 170 Ford Rd, John Day, OR 2 hours from burn unit. Nearest burn center: Legacy Research Institute, Oregon Burn Center: 1225 NE 2nd Ave., Portland, OR/ 5 hours from burn unit. Both hospitals have air capabilities.

SAFETY ISSUES AND MITIGATIONS:

Utilize 911 for any and all medical incidents. Monument AMBO will be utilized as 1st response, will make response to the hospital 2.5 hours, contingency utilize Blue Mountain AMBO response time to hospital will be 4 hours. AirLife can also be utilized if serious medical needs arise. Landing zone for AirLife located 44.9188/-119.46131. First aid kits will be on site with drinking water and sports drinks.

RALLY POINT INCLUDING DRIVING DIRECTIONS:

Rally point will be 6.5 miles north on Top Rd, just past the old School house.

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RESOURCE MANAGEMENT GOALS

Reduce timber litter by 50%. Reduce Juniper by 75%. Invigorate native grass growth. Reduce wildfire risk.

PRESCRIBED FIRE OBJECTIVES

Reduce timber litter and duff by 50%. Reduce Juniper reprod by 75%. Reduce Ponderosa pine reprod by 30%. Patchy mosaic burn anticipated.

ENVIRONMENTAL PARAMETERS AND FIRE BEHAVIOR

ENVIRONMENTAL PRESCRIPTION			ACCEPTABLE FIRE BEHAVIOR		
	Low	High		Low	High
Temperature (°F)	40	80	Flame Length (ft)	-1	6
Relative Humidity (%)	25	80	Rate of Spread (ch/hr)	-1	10
20-ft. Wind Speed (Forecasted)	0	20			
20-ft. Wind Direction (Forecasted)	NNW				
Eye-Level Wind Speed (Observed)	0	14			
Eye-Level Wind Direction (Observed)	any				
Transport Wind Direction	any				
Fine Dead (1-Hr) Fuel Moisture	5	20			

WEATHER MONITORING AND METHODS

MOST REPRESENTATIVE REMOTE AUTOMATED WEATHER STATION (RAWS) OR OTHER RELIABLE WEATHER STATION:

Black Rock, OR

WEATHER DATA COLLECTION METHOD AND FREQUENCY BEFORE, DURING, AND AFTER IGNITIONS:

NOAA forecast for before, during NOAA forecast and also a Kestrel Weather Pro. This method will be used during mop-up also.

POST-BURN FUELS AND VEGETATION MONITORING AND METHODS

Visual estimate of percent of unit burned, visual estimate of litter and reprod consumption by pre and post burn inspections. Visual monitoring for native bunch grass regrowth.