| **Washington Certified Burner Broadcast Burn Plan** | | | | | | | | | | | | | | | | | |
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| **Landowner Name and Address and/or Driving Directions to Unit** | | | | | **Township** | **Range** | **Section** | | | **County** | **Lat/Long**  **(Decimal/Degrees)** | | | | **Unit Name** | | |
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| **SIGNATURES** | | | | | | | | | | | | | | | | | |
| Preparer(s): | | |  | | | | | | | | | | Date: | | | |  |
| Reviewer(s): | | |  | | | | | | | | | | Date: | | | |  |
| Landowner(s): | | |  | | | | | | | | | | Date: | | | |  |
| **SMOKE APPROVAL AND PERMITS** | | | | | | | | | | | | | | | | | |
| **Smoke Approval required/inside Urban Growth Area (UGA)** | | | | |  | | | | **Burn Permit (if required)** | | |  | | | | | |
| **NOTIFICATIONS** | | | | | | | | | | | | | | | | | |
| **NEARBY LANDOWNERS AND NEIGHBORS** | | | | | | | | | **REQUIRED CONTACTS** | | | | | | | | |
| **Name** | | | | | **Contact Info** | | | | **Name** | | | **Contact Info** | | | | | |
|  | | | | |  | | | | Washington DNR | | |  | | | | | |
|  | | | | |  | | | | Rural/City/County Fire Department(s) | | |  | | | | | |
|  | | | | |  | | | | 911 Non-Emergency Dispatch | | |  | | | | | |
|  | | | | |  | | | | Regional/State Air Quality (if applicable) | | |  | | | | | |
| BURN UNIT DESCRIPTION | | | | | | | | | | | | | | | | | |
| **Fuel Type (Slash, Brush, Grass, and/or Timber)** | | | | | | **Fuel Loading (tons/acre)** | | | | | | | | **Size of Unit (acres)** | | | |
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| **FUELS AND VEGETATION DESCRIPTION INSIDE BURN UNIT:** | | | | | | | | | | | | | | | | | |
| **FUELS AND VEGETATION DESCRIPTION OUTSIDE BURN UNIT:** | | | | | | | | | | | | | | | | | |
| **PRE-BURN PREPARATION** | | | | | | | | | | | | | | | | | |
| **DESCRIPTION OF PRIMARY CONTROL LINES AND PREPARATIONS FOR USE:**  **LOCATION OF AND CONFIRMATION OF ACCESS TO PRIMARY WATER SOURCES:** | | | | | | | | | | | | | | | | | |
| MINIMUM RESOURCES - PERSONNEL | | | | | | | | | | | | | | | | | |
| **Number Needed** | | **Position** | | | | **Description** | | | | | | | | | | | |
| **1** | | **Burn Boss** | | | |  | | | | | | | | | | | |
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| **MINIMUM RESOURCES - EQUIPMENT** | | | | | | | | | | | | | | | | | |
| **Number needed** | **Equipment Type** | | | | | | | | | | | | | **Burn Phase (Ignition and/or Patrol/Mop-Up)** | | | |
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| **RADIO, CELLULAR, OR OTHER FORMS OF COMMUNICATIONS** | | | | | | | | | | | | | | | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **SYSTEM** | **FUNCTION** | **FREQUENCY** | | **ASSIGNMENT** | | |  |  | TX  RX |  |  | |  |  |  |  |  | | | | | | | | | | | | | | | | | | |
| **CONTINGENCY AND WILDFIRE DECLARATION** | | | | | | | | | | | | | | | | | |
| **WHEN TO ACTIVATE CONTINGENCY; POINTS OF ACTIVATION AND ACTIONS TAKEN IN RESPONSE:**  **LOCATION AND CONDITION OF SECONDARY CONTROL LINES AND BACK-UP WATER SOURCES:**  **CRITERIA AND PROCEDURE FOR WILDFIRE DECLARATION:** | | | | | | | | | | | | | | | | | |
| **Contingency Resource Name** | | | | | | **Response Time** | | | | | | **Location** | | | | | |
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| **VALUES AT RISK AND SIDEBOARDS INSIDE AND OUTSIDE UNIT** | | | | | | | | | | | | | | | | | |
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| **SMOKE MANAGEMENT** | | | | | | | | | | | | | | | | | |
| **Nearest Smoke Sensitive Receptor(s)** | | |  | | | | | **Distance and Direction** | | | |  | | | | | |
| **MITIGATION STRATEGIES AND TECHNIQIES TO REDUCE IMPACTS:** | | | | | | | | | | | | | | | | | |
| **TEST FIRE AND IGNITIONS** | | | | | | | | | | | | | | | | | |
| **TEST FIRE LOCATION(S):**  **IGNIITON EQUIPMENT AND METHODS:** | | | | | | | | | | | | | | | | | |
| **HOLDING AND CONTAINMENT** | | | | | | | | | | | | | | | | | |
| **CRITICAL HOLDING POINTS AND MITIGATIONS:**  **CONTAINMENT LINE SPECIFICATIONS AND RATIONALE:** | | | | | | | | | | | | | | | | | |
| **MOP-UP, PATROL, AND NOTIFICATION OF DECLARING BURN OUT** | | | | | | | | | | | | | | | | | |
| **MOP-UP STANDARDS:**  **FREQUENCY AND DURATION OF PATROL:**  **DESCRIBE CRITERIA AND NOTIFICATIONS FOR DECLARING THE BURN OUT:** | | | | | | | | | | | | | | | | | |
| **SAFETY, MEDICAL, AND EMERGENCY PLAN** | | | | | | | | | | | | | | | | | |
| **NEAREST HOSPITAL:**  **SAFETY ISSUES AND MITIGATIONS:**  **RALLY POINT INCLUDING DRIVING DIRECTIONS:** | | | | | | | | | | | | | | | | | |
| **RESOURCE MANAGEMENT GOALS** | | | | | | | | | | | | | | | | | |
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| **PRESCRIBED FIRE OBJECTIVES** | | | | | | | | | | | | | | | | | |
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| **ENVIRONMENTAL PARAMETERS AND FIRE BEHAVIOR** | | | | | | | | | | | | | | | | | |
| **ENVIRONMENTAL PRESCRIPTION** | | | | | | | | **ACCEPTABLE FIRE BEHAVIOR** | | | | | | | | | |
|  | | | | **Low** | | **High** | |  | | | | **Low** | | | | **High** | |
| **Temperature (°F)** | | | |  | |  | | **Flame Length (ft)** | | | |  | | | |  | |
| **Relative Humidity (%)** | | | |  | |  | | **Rate of Spread (ch/hr)** | | | |  | | | |  | |
| **20-ft. Wind Speed (Forecasted)** | | | |  | |  | |  | | | |  | | | |  | |
| **20-ft. Wind Direction (Forecasted)** | | | |  | |  | |  | | | |  | | | |  | |
| **Eye-Level Wind Speed (Observed)** | | | |  | |  | |  | | | |  | | | |  | |
| **Eye-Level Wind Direction (Observed)** | | | |  | |  | |  | | | |  | | | |  | |
| **Transport Wind Direction** | | | |  | |  | |  | | | |  | | | |  | |
| **Fine Dead (1-Hr) Fuel Moisture** | | | |  | |  | |  | | | |  | | | |  | |
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| **WEATHER MONITORING AND METHODS** | | | | | | | | | | | | | | | | | |
| **MOST REPRESENTATIVE REMOTE AUTOMATED WEATHER STATION (RAWS) OR OTHER RELIABLE WEATHER STATION:**  **WEATHER DATA COLLECTION METHOD AND FREQUENCY BEFORE, DURING, AND AFTER IGNITIONS:** | | | | | | | | | | | | | | | | | |
| **POST-BURN FUELS AND VEGETATION MONITORING AND METHODS** | | | | | | | | | | | | | | | | | |
| **DESCRIBE METHODS FOR MONITORING POST-FIRE EFFECTS:** | | | | | | | | | | | | | | | | | |

**ATTACHMENT A – BURN UNIT MAP(S): burn unit, vicinity, route to hospital**

**ATTACHMENT B - PRE-BURN GO/NO GO, CREW BRIEFING, TEST FIRE and POST-BURN CHECKLIST**

1. **PRE-BURN (Prior to Crew Briefing)**

Fire Unit is as described in plan and copy of plan is on site.

Required firebreaks complete and are consistent with current and predicted conditions.

Certified Burn Manager assigned, permits obtained and documented in burn plan.

Required number of personnel present.

Weather forecast obtained and within prescription. Long-range forecast checked for severe weather.

Notifications complete.

Required equipment for holding, weather monitoring, ignition and suppression on-site and functioning.

Personnel have reviewed equipment.

Planned ignition, holding, and containment methods are appropriate for current and predicted conditions.

Planned contingencies, mop-up, and patrol are appropriate for current and predicted conditions.

Off-site contingency resources are operational and available.

1. **CREW BRIEFING**

Burn unit size and boundaries.

Weather forecast

Purpose of burn

Organization of personnel and assignments.

Method of communication.

Anticipated fire and smoke behavior.

Methods of ignition, holding, mop-up.

Location of main roads, vehicles, keys, and nearest phone.

Location of back-up equipment, supplies, and water.

Contingencies for escaped prescribed fire.

Contact with the public; traffic concerns.

Fire sensitive items, special concerns.

Hazards and safety issues.

Planning for medical emergency

Answer questions from crew.

1. **TEST FIRE**

On-site weather and fuel conditions are within prescription and consistent with forecast.

Test burn conducted; fire and smoke behavior within prescribed parameters.

**D. POST BURN CHECKLIST**

Mop-up completed as described in burn plan.

Night patrol assigned, if needed.

Personnel and equipment assigned for days following burn, if needed.

Notifications of completed burn, fire out if required.

Debrief or After Action Review (AAR)

Burn Boss (leader) sign and date form when burn is completed.

**Burn Boss : Date:**

**ATTACHMENT C – Weather observations form**

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|  |  |  | **WEATHER OBSERVATIONS** | | |  |  |  |  |
| **Project name:** |  |  |  |  |  | **Date:** |  |  |  |
| **Observer and method:** | |  |  |  |  |  | **Elevation:** | |  |
| **Time/Site** | **Dry bulb** | **Wet Bulb** | **RH** | **Dew** | **Wind** | **Direction** | **FDFM** | **PIG** | **Sky** |
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