| **Washington Certified Burner Broadcast Burn Plan** |
| --- |
| **Landowner Name and Address and/or Driving Directions to Unit** | **Township** | **Range** | **Section** | **County** | **Lat/Long** **(Decimal/Degrees)** | **Unit Name** |
|  |  |  |  |  |  |  |
| **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)** |
|  |  |  |
| **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** |
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| --- | --- | --- | --- |
| **SYSTEM** | **FUNCTION** | **FREQUENCY** | **ASSIGNMENT** |
|  |  | TXRX |  |  |
|  |  |  |  |  |

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| **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** |
|  |  |  |
|  |  |  |
| **VALUES AT RISK AND SIDEBOARDS INSIDE AND OUTSIDE UNIT** |
|  |
| **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** |
|  |
| **PRESCRIBED FIRE OBJECTIVES** |
|  |
| **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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