**Prescribed Fire Plan**

Name of Landowner or Land Manager:

Landowner Phone #: Landowner Phone # on Burn Day:

Burn Boss (if different from landowner): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Burn Boss Phone #: Burn Boss Phone # on Burn Day:

Plan Developer:

Date Created: Date Re-Evaluated \*[if applicable]:

# Project Area Description

Location of Prescribed Fire: APN (s):

Location of Prescribed Fire: Address/Cross street(s): \_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nearest/Responsible CAL FIRE/BCFD station:\_\_\_\_\_\_\_ \_\_\_\_\_

**Latitude and longitude** (decimal degrees) Lat: \_\_\_ Long:

Unit name/ #(s), with acreage(s) : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*(Note: You can use one plan for multiple units, but* ***only*** *if they’ll all have the same Rx and resource needs.)*

Fuel type/condition of fuels inside unit:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fuel type/condition of fuels in areas adjacent to the prescribed burn area (describe all sides):\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prescribed Fire Objective:** (e.g. control invasive weeds (how much reduction?), enhance native grasses (how much improvement?) reduce 10-hour fuels (what % reduction?), training, cultural objectives, improve forage nutrition, etc.

Description of Permanent/ Installed Firebreaks surrounding the Burn Unit: List type and width of each

# Prescription

|  |  |  |
| --- | --- | --- |
| **Element**  | **Minimum** | **Maximum** |
| Temperature (F) |  |  |
| Relative Humidity (%) |  |  |
| Mid-Flame Wind Speed (mph) |  |  |
| 1-hour fuel moisture (FDFM) |  |  |
| Probability of Ignition (PIG) |  |  |
|  |  |  |
|  |  |  |

\*Include other prescription elements as appropriate.

10-hour Fuels Moisture (if applicable), as measured inside unit: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*(Note: If fuels in & adjacent to unit are overwhelmingly 1-hour (e.g., grassland units, black oak-ponderosa units with insignificant woody debris), then 10-hour fuels moisture may not be an applicable prescription parameter.)*

**Resources:**

**What will each participant need on burn day:**

Fire Resistant Clothes: Leather gloves. Long-sleeves and long pants, made of 100% natural fiber or fire-resistant material e.g. (100% cotton, wool, linen, hemp, Nomex). Non-straw hat with brim. Sturdy all- or mostly-leather shoes or boots. Please do not wear muck boots or galoshes. Bring own water bottle and way to carry it.

**Required holding equipment (e.g., # of engines/water pumps/etc):**

# Smoke Management/Air Quality

**Smoke Management:**  As of Nov. 2021, BCAQMD now requires **all** broadcastburners, even private landowners, to obtain a [prescribed burn permit](https://bcaqmd.org/burning/prescribed-burning/). Piles don’t require a burn permit. You may also require a Smoke Management Plan (extra $140 to BCAQMD, plus [register your burn in PFIRS](https://ssl.arb.ca.gov/pfirs/index.php)) if either (a) you are burning any size unit below 1000’ elevation, or (b) you are above 1000’ elevation and you are burning 10 ac or more in a single day.

[ ]  My burn requires a Smoke Management Plan, which I have completed

[ ]  My burn does not require a Smoke Management Plan. My smoke management tactics are:

Procedures and Contingency Plan

L*ist*  *downwind*  *smoke*  *sensitive*  *features (roads, homes, schools, hospitals, airports, feedlots, etc.) incl. distance*, *and tactics to minimize smoke-related issues*.

**Procedures for Conducting the Prescribed Burn.**

Test fire will be conducted in a location that is representative of the burn unit. Location to be determined by LO/Burn Boss on the day of burn based on environmental conditions. If test fire results are satisfactory, fire and secure lines by hand, beginning with downwind or upslope lines. Wet line where needed to avoid creep over the line. Secure remaining lines while firing the remainder of planned areas by hand using backfiring, flanking, spotting or strip head techniques. Once sufficient black line is in place, head fire may be applied as needed. Check and record conditions (i.e., “take the weather”) hourly or half-hourly during fire to ensure burn is still in prescription.

**Contingency Plan** (Edit as needed)

If there is a slop-over or spot fire onto any area outside the burn unit and if all other parameters are within prescription, attack with resources at the site of the slop-over or spot fire. Firing operations will cease until the slop-over or spot fire is contained un­ less continued firing is needed to keep fire within burn unit. If a slop-over or spot fire occurs, the first priority shall be to contain the slop-over or spot fire at the minimum size. If the slop-over cannot be contained with resources at the site of the slop-over or spot fire, additional resources from other areas of the burn unit will be assigned as available.

**Mop-up Plan** (Edit as needed)

Patrol area for hotspots and extinguish smokes/hotspots using water or tools, meanwhile continuing to check perimeter for spots or smokes. Timeframe to mop-up all smokes to dead-out will be based on weather conditions and forecast (e.g. precip, winds). Landowner to be responsible for mop-up for next 72 hours or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, with following resources assisting:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Risk Management Plan** (Edit as needed)

Conduct a headcount of all participants before firing operations begin. During initial briefing, identify:

* Location of all first aid kits
* Escape routes and protocol in case of wildfire declaration
* Any medically trained participants who are willing and able to assist if needed
* Allow any participants with a medical condition they want publicly known to identify themselves (e.g., severe bee sting allergy, etc).

Before firing, walk the unit as a group to identify hazards. Assign participants to groups and have group leader keep track of the location of all of their group members during firing operation. Have group leaders conduct headcount of participants at AAR (after-action review) or dispersal to ensure everyone is accounted for.

Location of first aid kits:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nearest hospital:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions to nearest hospital:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# 5. Notifications

**Day-of-Burn Notifications:**

*Adjacent Landowners*

□ Name: Phone:

□ Name: Phone:

□ Name: Phone:

□ Name: Phone:

□ Name: Phone:

□ Name: Phone:

*Air Quality Management District*

□ Name/Title: Butte County Air Quality Management District

**Verify burn day status BEFORE burning**: 530-332-9406

**Advise AQ of burn:** Day before burn by 4 or 4:30, call ag burn line (332-9406) and the recording will state the extension of the on duty inspector (updated by 8:45 each day but usually the same person M-Sun each week).  Hit the 3 digit extension during the message to go straight to the inspector. They will provide final authorization to burn and tips on avoiding smoke impacts to your neighbors.

*Fire Agency Having Jurisdiction*

□ Name/Title: Phone:

*Other notifications may be required based on parameters outlined in the smoke management plan (e.g., schools and other sensitive receptors) Other (if applicable; e.g., law enforcement, etc.):*

□ Name/Agency: Phone:

□ Name/Agency: Phone:

**Map Goes Here**

**Map must have, at a minimum:**

* **Property boundaries (names and #s of adjoining landowners, right on the map, are a great idea)**
* **Unit boundaries (with name/number if >1 unit)**
* **Locations of all water tanks or engines**
* **Locations of all pumps, hose lays**
* **Locations of all gear caches/ backpack pumps**
* **All fences or other barriers (don’t forget to unlock all gates in advance -- or provide gate codes on the map!)**
* **All roads and trails, plus any other features that will be used as a firebreak.**

**Aerial imagery is often the best backdrop for a map. Easily accessed from Google Earth these days.**