

Prescribed Fire Plan

Name of Landowner or Land Manager: [REDACTED]

Prescribed Fire Supervisor/Burn Boss: Dan Kelleher, Firestorm

Landowner Phone Number: [REDACTED]

Prescribed Fire Supervisor Phone Number: 530-519-1995

Burn Plan Developer: Dan Kelleher/Lenya Quinn-Davidson

Location of Prescribed Fire (*Legal Description*)

Township: T3S Range: [REDACTED] Section: [REDACTED]

Latitude: [REDACTED] Longitude: [REDACTED] County: Humboldt

Nearest town/landmark: The [REDACTED] units are on [REDACTED] Ranch north of Briceland.

Volunteer Fire District: Briceland

Size of Prescribed Fire: Two units: 25 acres and 6.5 acres

Prescribed Fire Objectives:

Medusahead control, forage improvement, and reduction of encroaching cedar trees. The burn also has the objective of providing a training opportunity for local fire departments, Humboldt County PBA members, and other volunteers.

Description of Permanent/Installed Firebreaks Surrounding the Burn Unit

List the type of firebreak and width if applicable.

The Upper Unit is bounded on the south side by a well-established dirt ranch road. The north flank of the unit is an herbicide line that is approximately 6 feet wide. Most of this line is void of grass and acts like a bare mineral soil line. Areas where herbicide was less effective have been weed-eated. The western flank is a small ranch road that was herbicided. The entire perimeter of the unit can be driven with a truck or ATV/UTV.

The Lower Unit is adjacent to the Upper Unit, and the eastern flank is a ranch road that has been herbicided. The remaining perimeter is an herbicide line, mostly void of grass, that will be touched up where needed with a weedeater.

Map of the Burn Unit (Attached)

Procedures for Conducting the Prescribed Fire

Describe how the prescribed fire will be conducted.

Fire and secure lines by hand along downwind 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.

Smoke Management

List downwind smoke sensitive features (roads, homes, schools, hospitals, airports, feedlots, etc.) including distance and tactics to minimize smoke-related issues.

██████ Ranch is very remote with no nearby sensitive receptors. The landowner has a current smoke management plan and permit through the NCUAQMD.

Fuels Adjacent to the Prescribed Burn Unit

Describe the type and condition of fuels in the areas adjacent to the prescribed burn unit.

The unit is surrounded by short, grazed grass on serpentine soils. Mixed hardwood forest is in patches to the south and west of the burn area.

Prescribed Fire Weather Conditions

Midflame windspeed	<u>0-15</u>	Wind direction	<u>Any (NW, W, SW preferred)</u>
Relative humidity	<u>25-70</u>	Temperature	<u>50-90</u>
1-hour fuel moisture	<u>4-10</u>		

Resources

Organizational chart will be completed prior to ignitions. An IAP and map will be distributed on burn day.

Equipment: Minimum of two engines, Type 3, 4, 5, or 6 or equivalent. A tactical water tender or support water tender may be substituted for one of the engines.

Contingency Plan

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 unless 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.

2019 Rx Burn Unit

