

Prescribed Burning Plan

AL - ECS - Worksheet 338

Landowner _____ Permit # _____
County _____ TWP _____ Range _____
Sec _____ Location within Sec _____ Acres _____
Previous Burn: Date _____ Type _____ Results _____

Stand Description

Overstory Type & Size _____ Height to Bottom of Crown _____
Understory Type & Height _____
Fuel Description & Amount _____
Purpose of Burn _____
Topography & Soil Type _____

Pre-Burn Factors

Intensity Desired (Flame Length) _____ Litter to Leave (%) _____
Firelines to Plow: Exterior _____ feet Interior _____ feet
Manpower & Equipment Needs _____
Ignition Procedure _____ Type of Fire _____
Maximum Scorch Acceptable _____
Burning Technique _____
No. of hours to complete burn _____ Expected rate of spread _____ feet per hour
Smoke Sensitive Areas (Location) _____

Special Precautions/Regulations That Apply _____

Adjacent Landowners to Notify _____

| Weather Factors | Preferred Range | Alternate (if needed) | Actual |
|---------------------------|-----------------|-----------------------|--------|
| Surface Winds | _____ | _____ | _____ |
| Transport Winds | _____ | _____ | _____ |
| Minimum Mixing Height | _____ | _____ | _____ |
| Stability | _____ | _____ | _____ |
| Dispersion Index/Category | _____ | _____ | _____ |
| Maximum Temperature | _____ | _____ | _____ |
| Relative Humidity | _____ | _____ | _____ |
| Days Since Rain | _____ | _____ | _____ |
| Fire Behavior | | | |
| Fine Fuel Moisture | _____ | _____ | _____ |
| Lower Litter Moisture | _____ | _____ | _____ |
| Month & Starting Time | _____ | _____ | _____ |
| Burning Technique | _____ | _____ | _____ |

Prescribed by _____ Certification # _____
Title _____ Date _____

Evaluation (Immediately Following the Burn)

Date Burned _____ Time Ignition Completed _____
Needle Discoloration _____ Bark Char (ht) _____
Litter Left (%) _____ Fuel Consumption _____
Fire Behavior _____ Flame Height _____
Rate of Spread _____ Any Escape? _____
Amount of Residual Smoke _____
Smoke Dispersion Problems _____
Publicity _____
Objectives Reached _____ Techniques Correct _____
Remarks _____

Evaluated By _____ Title _____

Future Evaluation

Date Made _____ Crown Scorch _____
Bole/Trunk Damage _____ Understory Kill _____
Soil Movement or Other Adverse Effects _____
Objectives Met? _____
Remarks _____

Evaluated By _____ Title _____

Map of Area to be Burned
(sketch or attach copy of map)