

POSTHARVEST PRESCRIBED BURNING UNIT PLAN

Prepared by _____ Signature _____ Date _____ Permit no. _____
 State _____ County _____ District _____ Comp't _____
 Burning unit no. _____ S _____ T _____ R _____ Gross acres _____ Net acres _____
 Landowner _____ Address & phone no. _____
 Person responsible & how to contact day & night _____
 (Draw map on back or attach)

A. Description of Area:

1. Natural stand or plantation _____ Stand age _____ Harvest date _____
2. Clearcut _____ Harvest method _____ Pine basal area removal _____
3. Organic soil _____ Hardwood basal area _____ Hardwoods utilized _____
4. Unmerchantable trees felled _____ Snags felled _____ Debris evenly distributed _____
5. Debris (light, medium or heavy) _____ Brush (light, medium or heavy) _____
6. Herbaceous fuels (light, medium, heavy) _____ Herbaceous fuels continuous _____
7. Herbicide used _____ Date applied _____ / _____ / _____
8. Drum chopped _____ Single or double pass _____ Date completed _____ / _____ / _____
9. Windrowed and/or piled _____ Date piled _____ / _____ / _____ Piled when wet _____
10. Pile of windrow dimensions: Ht. _____ Width (dia.) _____
11. Windrow break interval _____

B. Preburn Factors and Desired Fire Intensity:

1. Areas to exclude _____
2. Chains to plow (see map): Exterior _____ Interior _____ Total _____
3. Chains to fire (see map): Exterior _____ Interior _____ Total _____
4. Equipment needs _____
5. Crew size _____ Type of fire _____ Type of ignition _____
6. Ignition procedure (see map): _____
7. No. of hours to complete _____ Tons/acre to consume _____ Litter to leave (in.) _____
8. Special precautions: _____
9. Notify: _____
10. Regulations that apply _____
11. Passed screening system? _____ List smoke sensitive areas, critical targets & locate on map _____

C. Weather Factors

	Desired Range	Predicted	Actual
1. Surface wind (speed & dir.)	_____	_____	_____
2. Transport wind (speed & dir.)	_____	_____	_____
3. Mixing height	_____	_____	_____
4. Dispersion Index (or comparable)	_____	_____	_____
5. Relative humidity (%)	_____	_____	_____
6. Temperature (°F)	_____	_____	_____
7. Fine-fuel moisture (%)	_____	_____	_____
8. 10-hr. fuel moisture (%)	_____	_____	_____
9. Days since rain _____ Amount _____	_____	_____	_____
10. Burning index _____ Drought index _____	_____	_____	_____
11. Best month to burn _____	_____	Dates burned _____	_____
12. Time of day to start _____	_____	Time set _____	_____

D. Summary of Burn:

1. Type fire & ignition _____
2. All piles, windrows & logging decks ignited _____
3. % of area burned _____ Did area between piles burn? _____
4. Spotting frequency _____ Distance _____ Firebrand material _____

E. Evaluation Immediately After Burn:

1. Any escapes: Number _____ Adjacent to burn area? _____ Acres involved _____
2. Hours to burnout: Active flaming _____ Smoldering _____ Total hours _____
3. % understory veg. consumed _____ Depth of litter remaining (in.) _____
4. % material < 3" dia. consumed _____ Did piled debris burn down? _____
5. Objectives met _____
6. Adverse publicity _____
7. Smoke problems _____
8. Remarks _____

F. Future Evaluation (date, signature, and remarks)
