

INDIANA DEPARTMENT OF NATURAL RESOURCES

PRESCRIBED BURNING PLAN

Property Name: Greene-Sullivan State Forest

County: Sullivan

Management Unit: Reservoir 26 Dam Sec. 25

Twp. 7N Range 8W

Projected Size of Burn: 3 acres

Lat/Lon: 39.02°N 87.24°W

Projected Date of Burn: February/April 2011

Description of Burn Unit (includes information on overstory, understory, fuel type and topography):
Predominantly fescue and other short grasses

Resource Management Objective of Burn:

Kill off invading woody vegetation.

History of Previous Burns (includes dates, results, wildfire or prescribed, etc.):

Spring 2009, 2006, 2004, 2000, 1997

Description of adjacent area (if significantly different in fuels, topography, etc.)

Reservoir 26, The north and east side is bordered by a creek.

Special Considerations (include flora, fauna, safety, public not in agreement, etc.)

Campground on east side.

Complexity of Burn based on Complexity Rating System (attach rating scale) (circle one) Basic Complex

Acceptable Burning Parameters (minimum / maximum):

1. Type of firing method (circle all appropriate) backing flank ring strip head head
2. Allowable Rate of Spread (specify ft./min. or ch./hr.) 69-270 ch/hr
3. Allowable Flame Length (feet) 3-12
4. Allowable Mid-Flame Wind Speed (mph) **3-10**
5. Allowable Wind Direction (circle all appropriate) N, NE, E, SE, S, SW, W, NW
6. Relative Humidity (percent) 28-50
7. Temperature (degrees Fahrenheit) **45-70**
8. Time of Year (circle all appropriate) Spring **Fall**
9. Fuel Moisture **4-8** 1-hr. TLFM **7-12** 10-hr. TLFM (fuel sticks)
10. Days Since Last Rain 2-10

Pre-Burn Site Preparations Required: None

Equipment Needed:

- | | | | |
|----|--------------------------------|----|--|
| a. | Dozers by Type - none | j. | Backpack Pumps - 3 |
| b. | Observation Aircraft none | k. | Hose Quantity (hose size 1 1/2) |
| c. | Engines by Type - 1 Type 6 | l. | Drip torches (number, fuel amount)- 2, 5 gallon fuel |
| d. | Saws & Fuel - 1, 1 gallon fuel | m. | Mobile Radios- 2 |
| e. | Portable Pumps - 1 | n. | Portable Radios - 3 |
| f. | Belt Weather Kits - 1 | o. | Fire Behavior Printouts |
| g. | Brush Cutter & Fuel | p. | Maps / Photographs - 3 |
| h. | Council Rakes - 4 | q. | Flappers - 4 |
| I | Quadrunner - | r. | Other (specify) - |

Personnel Needed (include number and qualifications): 1 burn boss, 1 holding specialist, 2 firing specialist, 2 crew members

NOTE: All personnel must wear all personal protective equipment as outlined in the Division of Forestry Wildland Fire/Prescribed Fire Policy

Smoke Sensitive Areas Within 10 Miles (specify type, distance and direction from site)

Dugger N 2 miles; Linton NE 3 miles

Contingency Plan for Escaped Fire (only employees that meet physical fitness and training requirements can be utilized during active suppression):

Qualified personnel will suppress wildfire. Other personnel involved will hold fire line where appropriate. If this is not possible, personnel will retreat to safe area.

Contacts: See attached list for numbers.

Pre-Burn:

Contact	When	Who Will Do	How
Weather Service	Day before	Steve	TX
Fire Departments	Day before	Philomene	TX
Conservation Officer	Day before	Philomene	TX
County Sheriff	Day before	Philomene	TX
County Health	Day before	Philomene	TX
Local Residents	ASAP and day before	Steve	Personal

Burn Day:

Weather Service	AM	Steve	TX
All Cooperators	AM	Philomene	TX or Radio
Local Residents	AM	Philomene	TX or Personal
Fire Headquarters	AM	Philomene	TX or Radio

Spot Weather Forecast (circle source): NOAA Weather **NWS** Internet Media(specify)
Other(specify)

- | | | | |
|-------------------|-------|-----------------------------|-------|
| 1. Sky | _____ | 6. Highest Temperature | _____ |
| 2. Precipitation | _____ | 7. Lowest Relative Humidity | _____ |
| 3. Cold Fronts | _____ | 8. Atmospheric Stability | _____ |
| 4. LASI | _____ | 9. Wind Speed | _____ |
| 5. Wind Direction | _____ | 10. Mixing Height | _____ |

Firing Techniques and Preparation

Attach a map or detailed drawing showing area to be burned, firebreaks, ignition sequence, equipment and personnel placement, roads, water supplies, etc. **See attached map and description.**

GO-NO-GO Check List:

1. Are all fire prescription specifications met?
2. Is the weather forecast favorable now and throughout burn?
3. Are all necessary lines constructed and checked?
4. Are all personnel required in the plan on-site?
5. Have all personnel been briefed on the prescribed burn plan?
6. Have all personnel been briefed on safety hazards, escape routes, and safety zones?
7. Do all personnel have the required PPE with them?
8. Is all required equipment in place and in working order?
9. Do you have direct communication to a DNR dispatcher?
10. Have you made all notifications?
11. In your opinion can the burn be carried out according to the plan and will it meet the planned resource management objectives?

If all 11 questions were answered "yes", you may proceed with the test fire.

Proposal Prepared By: _____ **Date:** ___2/11/11___
Steve Siscoe, Property Manager

Reviewed by Section Chief: **Dan Ernst** **Date:** ___2/21/11___

Reviewed by Fire Headquarters: **Drew Daily** **Date:** ___2/22/11___

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Reservoir 26 Dam

