

## Wisconsin Prescribed Fire Council

### Proposed Burn Plan Elements

4/12/2005

Responsible organization, entity, individual ie. Prairie Enthusiasts, Jim Sime, Clark Forestry (including name, address, phone number)

Landowner(s) name, address, phone number, fire number and burn location address.

#### Location maps:

- 1) General location map (ie. County map or gazetteer) large enough to show access roads from all directions. Include access roads, lanes, and escape routes and nearest town. Describe how vehicles can use roads and lanes to get to areas if escape happens.
- 2) Topo or aerial photo with property boundaries, site location, fire breaks, hazards, escape routes, extra resources eg. drinking water, tank water.
- 3) Topo or aerial photo showing larger field of view than the burn unit

**Burn Unit description** – Describe materials to be burned ie. tall grass, brushy prairie etc., Describe fire break locations, adjacent land uses, potential hazards, escape routes, brief fire history, and acreage to be burned.

**Objective(s) of burn** – ie. Control invasives, seed bed preparation, increased propagation of seed, invigorate native species, etc. (should be measurable ie. 10% of woody vegetation under 4" dbh scorched).

**Permits required** – List

#### Prescription for the burn:

1. Acceptable date window, # of personnel and qualifications required
2. Weather - wind speed, wind direction, temperature, humidity
3. Smoke considerations – list up to ½ mile distance
4. Equipment needed - list all equipment ie. drip torches, ATV's, hand tools, radios etc.
5. Ignition plan
6. Mop up plan
7. Rehabilitation plan – include remediation of damage or impacts of the burn ie. filling ruts from equipment, replacement of fences etc.
8. Additional considerations ie. refugia, cultural resources, peat soils or wet soils, other biological considerations such as phenological timing, insect emergence etc.

**Contingency Plan** – Include emergency contact information, contingency resources ie. rural fire departments, and DNR, and identify secondary control lines.

**Safety Plan** – Identify safety zones, escape routes and communications plan, identify other safety concerns ie. topography, abandoned wells etc.

Identification of individuals and organizations to be notified the day of burn, or earlier as appropriate – ie. Sheriff, DNR Fire, local unit of gov't. neighbors, local fire departments, media. Include phone numbers and fire numbers. (Make a record of contacts)

### **Go/No-Go checklist**

### **Burn Boss Signature and date**

#### **Day of Burn –**

- List crew members and responsibilities – Have crew members sign in and include contact and emergency medical information
- Date and time of burn –
- Fire operation – preparation, start time, mop-up time, additional days to mop-up
- Plant phenology at time of burn –
- Wind speed –
- Wind direction –
- Relative Humidity -
- Temperature-
- Fire Behavior:
  - Burn Patterns
  - Flame Lengths
  - % of unit burned
- Briefing list for the crew
- Map of what was burned and map of ignition pattern
- Signed off by burn boss
- Recommendations