

**Estancia Basin Watershed Health, Restoration, and Monitoring (EBWHRM) Program
EMERGENCY FIRE PRECAUTIONS**

Landowners and contractors will restrict operations in accordance with New Mexico State Forestry and county fire restrictions upon notification by EBWHRM or the SWCDs. Additionally, SWCDs and the EBWHRM steering committee (in consultation with the affected SWCD(s)) may further restrict operations based on their own assessment of the local fire risk where the project is occurring. They may not lessen restrictions directed by New Mexico State Forestry or the county fire marshal.

The process is a mix of quantitative and subjective measures which allows a broad level of discretion considering local conditions and issues when deciding to implement fire restrictions and/or area closures.

U. S. Forest Service fire restrictions/closure stages on nearby USFS land may be considered by EBWHRM and the SWCDs when making a determination on fire precautions to be applied to specific projects. Landowners and contractors will be notified by EBWHRM and the SWCDs of fire restrictions when they occur.

| EMERGENCY FIRE PRECAUTION SCHEDULE | |
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| FIRE RESTRICTION/CLOSURE “STAGE” | |
| “STAGED” RESTRICTION LEVELS | INDUSTRIAL FIRE PRECAUTION PLAN |
| NO RESTRICTIONS | A |
| STAGE I | B |
| STAGE II | C |
| STAGE III (PARTIAL FOREST CLOSURE) ** | C or D |
| STAGE IV (TOTAL FOREST CLOSURE) | D |
| RED FLAG WARNING (Issued by National Weather Service) | D |

INDUSTRIAL FIRE PRECAUTION PLAN - DESCRIPTION

A - Normal Fire Precautions - No fire guard required.

B - Normal Fire Precautions except designated areas for smoking and warming or cooking fires. Fire guard required.

C - All power saws and mechanical fellers except for mechanical fellers equipped with hydraulic shears will shut down from 9:00 am until 8:00 pm Mountain Standard Time (10:00 am to 9:00 pm MDT), except chainsaws may be used from 9:00 am until 2:00 pm Mountain Standard Time (10:00 am to 3:00 pm MDT), for limbing on landings cleared to mineral soil. Loading is authorized to continue from 12:00 noon until 2:00 pm, Mountain Standard Time (1:00 pm to 3:00 pm MDT), on landings cleared to mineral soil. Log hauling trucks must be out of the Project Area to a surfaced road by 2:00 pm, Mountain Standard Time (3:00 pm MDT). Shutdown from 12:00 noon until 8:00 pm Mountain Standard Time (1:00 pm to 9:00 pm MDT); all machine treatment of slash; mechanical equipment used for shearing, bunching, or delimiting; skidding; cable yarding; and clearing. No smoking, warming or cooking fires are permitted at any time. Fire guard required.

D - Shutdown all operations.

Landowners and contractor shall provide the personnel, tools and equipment to take the following precautionary measures:

SMOKING AND LUNCH FIRE RESTRICTIONS

Smoking and building of camp and lunch fires by persons engaged in operations is prohibited, except at established camps or in designated areas. Smoking may be permitted at these designated areas only after all flammable material has been cleared to mineral soil. All fires and smoking materials shall be completely extinguished at end of lunch or smoking period.

FIRE TOOLS

Landowner or Contractor shall furnish and maintain; i.e., cutting edges sharp, handles sanded and tightly fitted, clean of rust and foreign material; fire tools to be used only for suppressing forest fires. Each logging operation shall be provided with one firefighting tool per man to equip 100 percent of the personnel engaged in operations. Approved firefighting tools are: double-bit axe; brush hook; Pulaski; McLeod; and round-pointed, size 0 or larger lady shovel. Fire tools for firefighting purposes for use of personnel engaged in all phases of the operations shall be located in the active operating area of the project.

BURNING OF REFUSE

No camp refuse of slash or other debris, such as that resulting from clearing around camps or on right-of-way, shall be burned.

SPARK ARRESTERS AND MUFFLERS

Each internal combustion engine shall be equipped with a spark arrester qualified and rated under USDA Forest Service Standard (Spark Arrester Guide) 5100-1a or the latest revision of Society of Automotive Engineers "medium size engine, SAE recommended practice J350" unless it is:

- (a) Equipped with a turbine-driven exhaust supercharger such as the turbocharger. There shall be no exhaust bypass.
- (b) A multi-position engine, such as on power saws purchased after 6/30/77 which must meet the performance levels set forth in the Society of Automotive Engineers "multi-positioned small engine exhaust fire ignition standard, SAE recommended practice J335B" as now or hereafter amended. Those purchased prior to the above date shall be equipped with an approved spark arrester/muffler containing a 0.023 inch mesh screen in good condition.
- (c) A passenger carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory designed muffler and an exhaust system in good working condition.
- (d) A heavy duty truck, such as a dump or log truck, or other vehicle used for commercial hauling, used only on roads and equipped with a factory designed muffler and with a vertical stack exhaust system extending above the cab.

Exhaust equipment described in this Subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

POWERSAWS

During periods of use, each power saw operator shall have readily available for use one long-handled round-pointed shovel and one chemical-pressurized fire extinguisher of not less than 8-ounce capacity by weight.

Muffler, extinguisher, and shovel shall be maintained in good working order at all times. Any fueling or refueling of a power saw shall be done in an area which has been cleared of material which will carry fire. Power saws shall be moved at least 10 feet from the place of fueling or refueling before starting.

FIRE TOOLS ON EQUIPMENT

Each internal combustion fuel carrying truck, loader, skidder, heavy truck, and tractor shall be provided with one long-handled round-pointed shovel, and one 5-pound capacity ABC dry chemical fire extinguisher. Passenger carrying vehicles, including light pickup trucks shall be equipped with one (1) long-handled round-pointed shovel and one (1) ABC chemical fire extinguisher not less than 2 1/2 pounds capacity. Shovels and fire extinguishers shall be so mounted as to be readily reached from the ground.

GAS AND OIL STORAGE AND SERVICE AREAS

The location of equipment service areas and gas and oil storage areas shall be approved in writing by Contracting Officer. All areas shall be cleared of brush, litter, grass or other flammable debris for a radius of 50 feet.

FIRE GUARDS

Landowner or Contractor shall designate at least one representative to train and supervise each woodworking group of men in fire prevention, detection, and suppression. Each such representative shall be named in the fire plan.

To prevent, detect, and suppress fire, Landowner or Contractor shall provide a trained fireguard at each operating area where power-driven equipment has been operated during the day. The fireguards shall constantly perform their duties during operating hours and for three (1) hour after the woods work stops for the day.

Fire guard service on one operating area shall satisfy the requirements on adjacent areas if the travel time with available transportation is not in excess of ten (10) minutes to any of the other areas requiring such service.

Each fire guard shall be physically able, vigilant, and trained to prevent, detect, and report any fires and to promptly and efficiently take suppression action with available required firefighting equipment and men on any fire that starts on Contract Area. Each fire guard shall be equipped with a vehicle and a fire tool cache consisting of a cache box, 2 four-to-five gallon backpack pumps filled with water, 2 size 0 shovels, 2 Pulaskis, and 2 McLeod tools maintained in serviceable condition.