

McNear Pile Burn Plan

Crew/Burn Boss – Captain Tim Walsh cell 717-1521
Bendix-King Group 13 Channel 19 154.37

Burn Unit Description

This project is located on State land within China Camp State Park in East San Rafael, Glenwood HOA. San Rafael Fire Department, Marin County and State Parks are first responders to a wildland fire in this area.

The project is behind the homes between 164 & 248 McNear Drive. Vegetation within this area is Oak and Bay forest. Outside of the forest canopy vegetation such as French Broom flourishes. The soil is organic accumulation and the soil moisture content is High. Within the 3.25 acres project area 100 feet from the citizens property lines has been cleared of French Broom, dead trees, and dead brush. The vegetation has been placed into 200+ 5x5 piles at the farthest extent of the cleared space. Slope of the land is approximately 45% to the North downward from the home.

Excellent Defensible Space fuel load reduction has been created from the property lines down to the piles to be burned. Fuel load on this slope is no concern. Downhill below the piles is uncut heavy fuel load.

Vicinity Map



Scheduling

The project is scheduled to begin February 2, 2010 at 8am and be completed within a 30 day time period. The crews work 4 days a week and not during heavy downpour of rain. Crews will be on scene about 0800 hours and will begin burning at 0930 and will attempt to have all piles out at 4:00 PM. San Rafael Fire Department crews will rotate through the area during the day and provide assistance if needed.

Equipment

On scene at the minimum will be Type-3 and Type-6 vehicles. San Rafael Fire will fill in as needed with rotating engine companies. Water supply will be through local hydrants. Personnel will wear full wildland PPE and will carry a cache of shovels, McClouds, chain saws, water backpacks and related firefighting equipment.

Pre-burn Considerations

The majority of the Glenwood neighborhood has been notified of the pile burning. Prior to the burn, The crew will verify hydrant locations, lay out 1 ½ inch hose along the top length of the project with about 15 to 20 ¾ inch feed lines running down hill. The area will be survey for any potential hazards to the crew or to the citizens.

Pre-Ignition Notification will be made:

- To County Communications Center when the piles are ignited.
- To Marin County Fire Department to have the Freeway Amber Alert signs notify the public on the days of the control burns.
- Notification has been made to BAAQD by Captain Walsh.
- To San Rafael Fire personnel.

Weather Factors

Captain Walsh will observe NOAA Spot forecasts each day for any weather concerns.

<http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=mtr>

Acceptable Range			
	Max	Min	Preferred
Humidity	Heavy Rain	30%	50 – 70 %
Temperature	90 degrees		40 – 60 degrees
Wind Speed/Direction	12mph/any	1 – 3 mph any	5 mph/ N, E, S, W
Restrictions	Smoke volume should not have a significant impact upon the surrounding community.		

Water Supply

Currently the main tank at the top end of McNear is not in service. Two temporary tanks have a maximum capacity of 12,833 when full. This will be adequate supply for each burn day and overnight the tanks will refill.

Firing Techniques

A test will be conducted on the first pile to determine combustion rates. Piles will only be ignited with approval and by direction of the Burn/Crew Boss. Overall conditions will determine the number of piles burning at any one time.

Contingency Plan

In the event of a medical emergency, San Rafael Paramedics with an Engine from Station 5 will respond to the scene with the expectation of possible stokes extrication needed due to the terrain.

In the event of an escaped fire, code three wildland and or code three structural responses will be dispatched through Marin County Communication Center depending on the situation.

Smoke Management

Smoke volume from the burns should not have a significant impact upon the surrounding community. If a required no burn day is called by Bay Area Air Quality District (BAAQD), then burning will not take place until conditions change. Smoke dispersal will be evaluated in the morning and a patrol will observe the dispersal as necessary.

No Burn Days are determined by the BAAQD the day previous to the burn at 1500 hours.

Public and Personal Safety

While on scene, safety is primary concern during all activities. A safety briefing will be conducted prior to the burns. A Safety Officer will have full authority to stop any activity that they deem unsafe.

Land Rehabilitation

There are not anticipated land rehabilitation procedures necessary. State Parks has assured us they will do ongoing annual maintenance in this area.

Special Precautions

Watch for heavy downslope winds, spectators, hikers, poison oak in the smoke and handling. Laying a 1 ½ inch hose across the top of the project with 15 – 20 ¾ inch feeder lines running downhill.

Steepness of the land is a factor. Watch trip and falls and rolling debris. Trenches have been cut below all piles to prevent roll down into uncut vegetation below.

Emergency & Contact Numbers

- 911
- County Communication Center 415-453-1515 Emergency
- County Communication Center 415-499-7235 Business
- Marin County Fire Dispatch 415-499-6717
- MERA Channels San Rafael - E2
- MERA Channels Tam Crew - Bendix King Group 13, channel 19. 154.37
 - Captain Tim Walsh – Supt 15
- State Parks – Bree Hardcastle (707) 769-5665 ext 207
- State Parks – Danita Rodriguez 415-898-4362 ext 15
- Chief Buscher – 415-720-6867
- Chief Lydon – 415-798-1583
- Chief Rowan – 415-720-6041

Captain Mark
San Rafael Fire Department
415-485-3309
415-720-9039 - cell