

SMOKE MANAGEMENT PLAN- NAPA COUNTY RCD

General Information

Primary Responsible Person	Your Name Goes Here
Email	drein@mofd.org
Landowner(s) Name(s)*	Landowner Name
Landowner Mailing Address*	Landowner Mailing Address Landowner City CA ZIP
Field Contact Name*	Your Name Goes Here Can be more that one person
Field Contact 24-hour Phone/Pager*	Your Phone - remember you can add more than one phone number in this txt field!

Project Description

Description of Objectives*	1. Reduce fuel loading (where and why?) 2. Maintain understory areas of the (where) to reduce the potential of wildfire entering the surrounding community. 3. Reduce invasive plant species in the area, encourage native grasses and low growing brush to support a diverse age-class of fire resistant plants in the area. 4. Enhance conditions for native vegetation in area. 5. Maintain a buffer of low-growing vegetation around (insert any values at risk here).
Projected Burn Schedule*	Pick a date range from the earliest you might consider burning this project to one year from that date. Example: July 1, 2026 to June 30, 2027.
Ignition start and end times*	0930 to 1630
Expected Duration of Project (hours or days)*	Ignition: 4 hours Combustion: 4-6 hours Burndown: 2-4 hours

Review Burn Blocks

Broadcast Burn Example						
Acreage and Fuels Information						
Name	Acres	Unit Type	Fuel Condition			
Broadcast Burn Example	15	Broadcast	You can use this guide to determine the fuel model you will be operating in- https://www.fs.usda.gov/rm/pubs_int/int_gtr122.pdf and/or https://www.fs.usda.gov/rm/pubs/rmrs_gtr153.pdf			
Location Information						
Legal Description	Latitude*	Longitude*	Mean Elevation (ft)*	County		
Site Address goes here- easy way to locate LAT & LON is Google Earth	38.299986	-122.293738	38	Napa		
Fuel and PM10 Emissions Information						
Vegetation	% Consumption	Acres	Fuel Loading	Total Tonnage	PM10 per Ton	PM10 per Type
Grass/Forb	100	10	4	40	0.007	0.28
Live Oak (Interior)	60	5	6	30	0.007	0.13
Totals	--	15	--	58	--	0.41
Ignition Prescription						
Wind Speed (mph)	Wind Direction	Mixing Height (ft)	Temperature (F)	Relative Humidity (%)		
0-15	0-360	>500	40-85	20-99		
Smoke Sensitive Receptors						
No SSAs have been entered.						

Pile Burn Example						
Acreage and Fuels Information						
Name	Acres	Unit Type	Fuel Condition			
Pile Burn Example		Hand Piles	DON'T FORGET TO INCLUDE THE "-" IN THE LONGITUDE ABOVE AND DELETE ANY "degrees" SYMBOLOGY			
Location Information						
Legal Description	Latitude*	Longitude*	Mean Elevation (ft)*	County		
Insert Street Address Here-	38.299986	-122.293738	38	Napa		
Pile and PM10 Emissions Information						
Pile Size	# of Piles	% Consumption	Tons per Pile	Total Tonnage	Emissions per Pile	PM10 Emissions
5' diameter x 4' height	10	90	0.12	1.1	0.0010	0.01
6' diameter x 5' height	10	90	0.21	1.9	0.0020	0.02
8' diameter x 6' height	20	90	0.45	8.1	0.0040	0.07
15' diameter x 8' height	10	90	2.1	18.9	0.0200	0.18
Totals	50	--	--	30	--	0.28
Ignition Prescription						
Wind Speed (mph)	Wind Direction	Mixing Height (ft)	Temperature (F)	Relative Humidity (%)		
0-15	0-360	>500	40-85	20-99		
Smoke Sensitive Receptors						
No SSAs have been entered.						

Smoke Management Components

Specifications for monitoring and verification of meteorological conditions and smoke behavior before and during the burn:

Conditions at the site will be monitored by one or more field observers. Observations will be broadcast over the project tactical net every hour or as practical during the burns. A spot weather forecast will be requested from the National Weather Service the day prior to any burning for the projected operational period(s). Note any other smoke management and monitoring personnel and equipment you plan to use a on your project (Drone/SUAS to monitor smoke dispersal, lookouts, Alert California Cameras, Lookouts, Remote Automated Weather Stations, Purple Air Website, ETC.)

Specifications for disseminating project information to the public:

Public information regarding the project will be distributed via: - The CAL FIRE, St Helena Command Center will be notified by phone at 707-963-4112 - A CAL FIRE LE5 or 7/8 will be obtained for projects located in all areas of SRA and for any incorporated areas of Napa Co (LRA). - City and Town personnel via phone to the appropriate Police Department. - The project will be posted on the Watch Duty website and on the PFIRS map as an Rx fire project. - Local residents adjacent to the burn site will be contacted via Nextdoor Social Media post. - HOA residents in the area will be notified via the community phone tree. - FireSafe Council will publicize the project to their email list. - The information will be posted on (XXXXXX) websites and social media outlets. - Near by fire and police departments will be notified the morning of the burn via phone or email. - Project will be mentioned in the city manager's weekly news letter. - Staff will go door to door to notify residents immediately adjacent to the burn. Any other method you can think of to notify the public!

What contingency actions will be taken during the burn to reduce exposure if smoke intrusions impact any sensitive receptor areas?

<input checked="" type="checkbox"/>	Halt ignition, except as needed to maintain control of fire
<input checked="" type="checkbox"/>	Allow fire to burn to contingency control lines
<input checked="" type="checkbox"/>	Suppress fire
<input checked="" type="checkbox"/>	Begin immediate mop up
	Begin mop up within hours of problem identification
<input checked="" type="checkbox"/>	Complete mop up within hours of initiation
<input checked="" type="checkbox"/>	Discontinue mop up if favorable conditions return
	Other (explain)

Project Maps and Documents

A map must be attached to this Smoke Management Plan that identifies nearby smoke sensitive areas, burn unit perimeters, available interior control lines (if suitable for this project), and areas subject to smoke inversions due to the burn project. Also, the map must indicate estimated path of unacceptable smoke transport. (map opens in new tab)

View units on Google Maps: [Google Map](#)

No project maps have been added to this plan.

Smoke Management Plan History

Approval letter:	No approval letter has been attached.
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