Calaveras County Air Pollution Control District
Smoke Management Program

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Introduction and Background

DISTRICT INFORMATION

Calaveras County is located southeast of Sacramento in the foothills of the Sierra Nevada. The District is responsible for the entire county (1028 square miles) with elevations ranging from 200 to 8,170 feet. The northerly border is the Mokelumne River and the southerly border is the Stanislaus River. The county has a population of approximately 41,100 people, located in unincorporated areas except for one incorporated city known as the City of Angels (Angels Camp). As with most of California, Calaveras County has cool to mild winters (except the higher elevations) and warm to hot summers. Predominately the surface winds in Calaveras County are westerly, with northerly or southerly influences. Additionally, Calaveras County experiences up-slope winds during the day and down-slope winds at night during the dry season. During the spring, summer and fall seasons, temperature inversions are a normal occurrence, which prohibits good dispersion of smoke and other air pollutants. During calendar year 2000, reported agricultural and prescribed burning consisted of approximately 16,350 tons of vegetation (tonnage only reported) and 2650 acres of vegetation (acres only reported). Slash, chaparral and brush consisted of 81% of the tonnage reported and 95% of the acreage reported.

Calaveras County is one of seven air pollution control districts that make up the Mountain Counties Air Basin (MCAB). The MCAB consists of Amador, Calaveras, El Dorado, Mariposa Northern Sierra (Nevada, Plumas, and Sierra Counties), Placer (portion thereof), and Tuolumne air pollution control districts. The seven air districts work closely together employing a regional approach to air pollution control.

DISTRICT RULES

This Smoke Management Program ("Program") is intended to describe Calaveras County Air Pollution Control District's ("District") methods of implementing §80100-80330 of the California Code of Regulations, Title 17, Smoke Management Guidelines for Agricultural and Prescribed Burning. It should also ensure compliance with District Regulation III - Open Burning (Rules 300-308). One of the goals of the District is to achieve and maintain all state and federal ambient air quality standards related to particulate matter through implementation of emission reducing measures, which includes this Program. The Program's objectives are to allow for the continuation of agricultural and prescribed burning as a resource management tool and provide increased opportunities for agricultural and prescribed burning, while at the same time minimizing the impact smoke has on the public.

DISTRICT AUTHORITY

The District derives its authority to implement and enforce this Program from Regulation III, Rules 302, Air Pollution Permit, and 307, Burn Plan. These rules require applicants for agricultural and prescribed burning to supply such information as is required by the District prior to setting or allowing an outdoor fire. Additionally Rule 304, Burning Management, requires the District to regulate burning or require mitigation if it is determined that meteorological conditions could cause smoke to create or contribute to, a violation of an air quality standard or cause a public nuisance. These rules give the District broad authority to regulate agricultural and prescribed burning activities in its jurisdiction.

DISTRICT'S PUBLIC OUTREACH/COMMENT PROCESS
This Program was prepared in conjunction with the air districts participating in the Mountain Counties Air Basin Technical Advisory Committee. Public and private land management agencies have been given the opportunity to comment on this Program through participation in the Mountain Counties Air Basin Smoke Management Alliance ("MCABSMA"). Additionally, the District provided a 30-day public notice and comment period prior to District Board of Directors adoption.

The District plans to continue participating in the MCABSMA, which provides a forum to develop agreements with public, and private land management agencies for more detailed smoke management activities and associated tools. The MCABSMA Charter is attached as Appendix A.

DISTRICT'S PLANNED COURSE OF ACTION
Since the District's current regulations provide the authority to implement and enforce this Program, no modifications to Regulation III are anticipated at this time. Once the program is fully developed and implemented, the District may discover changes that need to be made in the District's regulations. Any changes needed to fully develop and implement the Program will be drafted and after public review adopted by the District's governing board.

The Program is divided into six sections: permitting, registration, authorization, planning, resources, and enforcement with supporting appendices. Each section describes the methods used by District staff for that particular issue from specific actions that are required to general guidelines or procedures that provide direction to District staff. The appendices include pertinent documents that support the Program. Since smoke management is complex and is affected by many variables, no written program will be able to address every situation. This Program is designed to provide general direction, but should not override common sense in regulating burning in the District.

Section 1- Burn Permits

DISTRICT'S PERMITTING PROCEDURES
District staff issues air permits for all agricultural and prescribed burning projects in addition to the burn/fire permit required by the fire protection agency. The air permits are issued at the District's office, but also may be issued via fax, mail or e-mail. The air permit includes conditions that limit burning to permissive burn days, limit types of material to be burned, require material that is burned to be free of moisture and dirt, and require approved ignition devices be used. The permit allows the District to add conditions to limit the amount of material to be burned or burn hours if necessary. In addition to the air permit, land managers/burners must also submit a smoke management plan for prescribed burning projects.

a) All agricultural and prescribed burning requires a valid air permit from the District. The most current version of the air permit application is attached as Appendix B. An approved Smoke Management Plan serves as a conditional permit to burn when combined with the air permit.

The most current version of the Smoke Management Plan application is attached as Appendix C.

b) A valid burn permit may also be required from the fire agency that has jurisdiction in the area of the proposed burn project.

c) Burning conducted pursuant to such permits issued by the District and a fire agency must comply with all the conditions specified on such permits, including an approved Smoke Management Plan. See section 4 for further discussion on the Smoke Management Plan requirements. Failure to abide by permit conditions is a violation of Section 41852 of the California Health and Safety Code and of District Rule 505, Conditional Approval.

d) All permits issued for agricultural and prescribed burning by the District or fire agency must contain the following words or words of similar import: "This permit is valid only on those days during which agricultural burning, including prescribed burning, is not prohibited by the State Air Resources Board or by an air district pursuant to Section 41855 of the Health and Safety Code, and when burning on the lands identified herein has been approved by the air district".

e) Special permits for agricultural or prescribed burning on no-burn days may be issued by the District if denial of such permits would threaten imminent and substantial loss. The District limits the amount of burning that can occur pursuant to the issuance of such a permit to the extent that it ensures no exceedances of air quality standards or smoke impacts to smoke sensitive areas. Each applicant for a no-burn day permit shall submit a completed Authorization to Burn on a No Burn Day application (Variance) to the District or as otherwise required by the District to make this determination.

Section 2 - Burn Registration and Reporting

a) All persons who desire to conduct prescribed burning in the District in any particular calendar year, must register their planned burn projects with the District. The MCABSMA members register their burns semi-annually, prior to the spring and fall burn seasons. Updates and late additions to this registration process are accepted from members and non-members. The burn registration must include the name of the permittee, including a contact person with phone number; a listing of all projects planned, with legal descriptions of their locations (township, range, section #); and an estimate of the total acreage and/or tons of material to be burned.

b) Each day during the burn season, land mangers/burners will submit a daily report to the District. This report shall, at a minimum, list the project name, date, location and acres or amounts of material burned. The Daily Authorization Request & Information Reporting (Appendix D) or other suitable form can be used for this purpose.

c) A report of the agricultural and prescribed burning conducted each calendar year in the District is submitted to ARB within 45 days of the end of each calendar year. The report

includes the estimated tonnage and/or acreage for each type of waste burned from both agricultural and prescribed burning by county.

d) The District also reports all special permits (no-burn day permits) issued each calendar year within 45 days of the end of each calendar year. This report includes the number of such permits issued, the date of issuance of each permit, the person or persons to whom the permit was issued, an estimate of tonnage and/or acreage for each type of waste burned pursuant to the permit, and a summary of the reasons why denial of each permit would have threatened imminent and substantial economic loss.

e) Upon full implementation of the Prescribed Fire Incident Reporting System (PFIRS) or other suitable electronic reporting system, and upon proven effectiveness of this system, the District will fully participate to the greatest extent possible and encourage, if not require, MCABSMA members full cooperation and participation.

Section 3 - Burn Authorization System

a) The District operates a daily burn authorization system that regulates agricultural and prescribed burning. The burn authorization system specifies the amount, timing, and location for each burn project within the District boundaries.

b) The purpose of the burn authorization system is to minimize the impact of smoke in smoke sensitive areas, avoid cumulative smoke impacts, and prevent public nuisance. As such, all burn authorization requests are evaluated first by these considerations.

c) In evaluating burn authorization requests, the Air District considers the following factors:
   - air quality;
   - meteorological conditions expected during burning;
   - types and amounts of materials to be burned;
   - location and timing of materials to be burned;
   - locations of smoke sensitive receptors;
   - smoke from all burning activities, including burning in neighboring air districts or regions which may affect the air quality in the District; and
   - historical data from previous burning.

Burn authorizations may be issued to land managers and burners for specific burn projects 24 hours in advance of ignition of each project. To obtain District authorization to burn any project, the land manager or burner must contact the District via telephone, fax, E-mail, or in person announcing the intent to burn. The burner must submit the Daily Authorization Request & Information Reporting or other suitable form to the District (Appendix D). Using the above criteria, the District staff would either grant or deny authorization to burn. When two or more burns are proposed for the same day and in the same general location, the burn agencies will coordinate amongst themselves and decide which burn will proceed. Once a burn authorization is

granted it is only rescinded if meteorological conditions change such that adverse air quality impacts are likely.

d) A burn authorization from the District only authorizes the ignition of a burn if the smoke management conditions specified in the project's Smoke Management Plan are met at the time of ignition and for the duration of the burn. A burn authorization does not relieve the burner from meeting the conditions of the smoke management plan. It is the burner's responsibility to ensure all conditions listed in the Smoke Management Plan are met prior to ignition. To validate the specific smoke transport conditions that exist on each site, the land manager/burner will launch a helium-filled balloon, set a test fire, rely on local weather forecasts, spot weather forecasts, RAWS (Remote Automatic Weather Stations) or other validation method, as specified in their Smoke Management Plan.

e) To receive a burn authorization for burning on a No Burn Day, the land manager/burner must submit a completed Authorization to Burn on a No Burn Day Burn application to the District as soon possible, prior to ignition. As a prerequisite to burning on a No Burn Day, the District requires that the burn project be entered with ARB and shall have received the 48/72/96 notices for at least 3 days prior to ignition. In addition, the District may require the land manager/burner to supply on-site or RAWS meteorological weather observations, site-specific weather forecasts, or other information necessary to assist in authorizing the burn project.

f) In order to assist the land managers/burners in their planning process, the District may require the land managers/burners to enter their burn project with ARB to receive a 48-hour forecast, 72-hour outlook, and a 96-hour trend. To accomplish this, the land manager/burner shall submit a completed CB-3 form to the ARB and the District. The land manager/burner may contact the District after 3 p.m. Monday through Friday to obtain the forecast information. If requested, the District will contact the burner with this information. On weekends and holidays, the land managers/burners may need to call the ARB before 4 p.m. These forecasts are not a substitute for a burn authorization, and contain no guarantee that a favorable forecast will necessarily lead to a burn authorization approval, but are intended solely to help in burn project planning.

g) The District maintains a daily log, recording burn authorizations, location of the burns, amounts of material burned, planned and unplanned wildfires occurring that day, and any other relevant information related to smoke impacts for that day. This data is used in the burn authorization process for subsequent days and in evaluating the success and efficiency of the smoke management program. The District also maintains maps indicating burn locations in the District for easy reference of daily burning, location of smoke sensitive receptors, and potential cumulative smoke impacts from other burning in the region.

h) Multi-day burns require authorization on a daily basis from the District and consultation with the ARB.

i) If smoke from a project may impact other Districts or states, District staff shall notify the appropriate air quality agency by faxing or by other electronic means the Controlled Burn/Prescribed Fire Notification (Appendix E) as soon as practical and prior to ignition. Any concerns these agencies have over the planned burn will be incorporated into the authorization.

j) If increased burning activities causes competition for burning between burn agencies, the District will, in coordination with MCABSMA members, establish guidelines for prioritizing all agricultural burns, including prescribed burns. In considering priorities, the District shall consider the public benefits of burn projects including safety, public health, forest health, wildfire prevention, ecological needs, economic concerns, disease and pest prevention. Efforts to reduce smoke emissions, such as removal of excess material, shall also be considered.

k) The District operates a burn day information recording (209) 754-6600 & 785-7664 to announce the daily burn day decision in the District. The District consults with the ARB and fire agencies as necessary to make the final determination.

Section 4 - Smoke Management Planning (SMP)

a) Each prescribed burn project will be registered for smoke management planning purposes as described in Section 2a.

b) Burn projects less than 10 acres in size or that will emit less than one ton of particulate matter may only need to obtain an air permit. Burn projects greater than 10 acres or that will emit in excess of one ton of particulate matter must complete a District Smoke Management Plan. Before issuing an authorization to burn, the District, at its discretion, may require additional smoke management procedures to be used if a burn: 1) is greater than 100 acres in size, 2) may impact smoke sensitive areas, or 3) presents other potential problems.

c) The following minimum smoke management actions will be considered for every burn project, and may require written submittal to the District of the actions taken consistent with the guidelines above and the District Smoke Management Plan form:

   1) Meteorological Prescription: Provide a detailed meteorological prescription that must be met to proceed with the burn. At a minimum the prescription must include acceptable wind direction. Other considerations may include wind speed, temperature profile, winds aloft, humidity, temperature, actual and predicted inversions, burn day status, and forecast precipitation. The District may require weather forecasts to be obtained to make smoke management decisions for the burn project.

   2) Contingency Actions: The actions the burner will take if smoke from the burn project produces unacceptable smoke impacts, may include: stopping further ignitions, active fire suppression, rapid mop up, and other appropriate techniques that are discussed with the District.

3) Smoke Mitigation: Actions that will be taken to minimize smoke from the burn, which may include: minimum drying times/fuel moistures, piling and/or windrowing materials, active mop up of smoldering, pretreatment of fuels, and other appropriate techniques.

4) Burning Alternatives: Describe the alternatives to burning, which have been considered for this burn project and the basis of why the alternatives were not feasible or justified. Alternatives are listed in the SMP. Additionally for projects requiring NEPA/CEQA environmental documentation, alternatives to burning are addressed in the air quality section of such documents. The location of these documents is noted in the SMP.

5) Smoke Sensitive Receptors: A description of smoke sensitive receptors, such as towns, schools, or roads, is required along with a map showing the location of sensitive receptors and predicted smoke travel.

6) Public Notification: The potentially affected public will be notified of the burn project by one or all of the following: media announcements, phone contact lists, road signs, and/or any other appropriate techniques.

7) Complaint Handling Procedures: A procedure shall be developed that insures all complaints regarding smoke impacts, received by a burner or individual conducting the burn are promptly reported to the District.

8) Smoke Monitoring: Describe the procedures that will be used to monitor and track the smoke transport from the burn project, which may include; a smoke spotter to check on downwind sites, ambient air monitoring, aerial monitoring, or other appropriate methods.

d) Naturally Ignited Wildland Fires: A District Smoke Management Plan shall be completed and submitted to the appropriate Air District within 72 hours from the start of a burn if the size of the fire is expected to exceed ten acres in size and will be managed for resource benefit. When a natural ignition occurs on a no-burn day, the initial "go/no-go" decision to manage the fire for resource benefit will be a "no-go" unless:

1) After consultation with your Air District, the Air District staff decide, for smoke management purposes, that the burn can be managed for resource benefit; or

2) For periods of less than 24 hours, a reasonable effort has been made to contact the District, or if the District is not available, the Air Resources Board (ARB); or

3) After 24 hours, the District has been contacted, or if the District is not available, the ARB has been contacted and concurs that the burn can be managed for resource benefit.

A "no-go" decision does not necessarily mean that the fire must be extinguished, but that the fire cannot be considered as a prescribed fire.

e) District staff will maintain the highest possible level of training with regards to smoke management. Staff that are assigned to the District's agriculture and prescribed program will attend smoke management workshops, seminars, and training sessions. Participation and cooperation in smoke management alliances, Interagency Air and Smoke Council (IASC) meetings, and Mountain Counties Air Basin Technical Advisory Committees will strongly be encouraged, if not mandatory. When the Prescribed Fire Incident Reporting System (PFIRS) or some other electronic substitute, becomes available, the District will participate to the fullest extent possible.

f) Commencing on April 1, 2001, the District took part in an experimental ARB program which refined the daily permissive burn day status to one of four categories; marginal, fair, good, and superior burn days. These ARB decisions assisted the District in issuing burn authorizations, especially for those multi-day or large single-day burn projects

g) For those burns that are either in excess of 250 acres, created smoke impacts or were burned on No Burn Days, the responsible burn agency must complete a District Project Post Burn Form. These are to be completed and returned to the District within 30 days from the completion of the burn project. This information will then be reviewed and can assist in issuing burn authorizations for similar projects.

h) All agricultural burning projects (for the purpose of this subsection excludes prescribed burn projects) will be registered with the District for smoke management planning purposes through the permitting process as described in Section 1. Agricultural burning projects are required to abide by air permit conditions that include general smoke management under Regulation III.

Section 5 - District Resources

DISTRICT INFORMATION

a) General District Resources

The District consists of 1 and ¼ staff and a 5 member Board of Directors. The 1 and ¼ staff (Air Pollution Control Officer, Deputy APCO and office support staff) will be responsible to carry out this Program, especially the permitting, enforcement and decision-making functions. The District will rely on the ARB for forecasting and the MCABSMA for planning.

b) Meteorological Resources

The District relies primarily on the ARB to provide the daily burn day decision and the 48/72/96 forecasts to guide the burn authorization. To augment its forecasting tools, the ARB funds a local meteorological data gathering flight out of Columbia (Tuolumne County) to obtain more accurate data on atmospheric conditions in the air basin.

The District utilizes the internet as a tool to access general weather trends, RAWS data. and fire weather forecast data for specific burns.

The District may also utilize special weather forecasts obtained by burn agencies through the Interagency Fire Forecast and Warning Unit, especially for burn projects that are large or located near sensitive receptors.

The District plans to purchase a portable weather station for use at burn projects when site-specific data is not available. The equipment will include wind speed, wind direction, temperature, relative humidity and possibly barometric pressure. The District also plans to utilize a handheld anemometer and handheld digital sling psychrometer/thermo-hygrometer to gather general data. The District also possesses portable visual equipment (cameras/binoculars) to observe and document smoke impacts, plume dispersion, and other items.

c) Air Monitoring Resources

Currently there is one particulate matter ("PM") monitoring station located within the District. The PM monitoring station is located in San Andreas on Gold Strike Road. Data from this site is used for informational purposes. The District plans to purchase a portable PM monitor to gather data during burn projects as needed, if District funds and staffing allow. Until the time the District institutes downwind PM monitoring, the District will make visual observations at selected viewpoints to measure visibility and may decide to reduce burning on days where visibility is impaired.

Section 6 - Inspection and Enforcement

a) Subject to the constraints of time and availability District staff conduct on-site inspections of a representative number of agricultural and prescribed burns each year. Such inspections are prioritized based on the following criteria:
    1. active burns that are conducted in an area or by a source that historically generates many complaints;
    2. active burns that are generating complaints;
    3. active burns that are large (100+ acres) or located near sensitive receptors; and
    4. planned burns representing a variety of sources and fuels.

b) Inspections of active burns document that meteorological conditions are within acceptable parameters; that the amount of acreage and/or fuel given in the burn registration and authorization is what is actually being burned; and that the burn is not impacting any sensitive receptors.

c) Inspections of planned burns document that the projected acreage and/or fuel loading is consistent with that reported in the burn registration; that the meteorological prescription is reasonable for the location; and that actions taken to reduce fuel loading and/or smoke emissions have been carried out.

d) If unacceptable smoke impacts occur to a smoke sensitive area from an authorized burn. and such impacts are verified by District staff, then the burner is promptly notified and required to take contingency actions as promptly as possible.

e) Notices of Violation issued for violations of the District's Smoke Management Program are handled according to the District's Mutual Settlement Program.

APPENDIX A

(CHARTER)

Mountain Counties Air Basin Smoke Management Alliance

CHARTER

1/14/00

STATEMENT OF PURPOSE

The Mountain Counties Air Basin Smoke Management Alliance is established and maintained to provide coordination and uniformity in smoke management efforts in the Mountain Counties Air Basin (MCAB), recognizing the need for and role of fire in ecosystems management and fuel reduction while protecting the public health.

GOALS

- Minimize smoke impacts on smoke sensitive areas.

- Consistency and predictability:
  - Smoke Management Plan (SMP) forms.
  - Rules related to Title 17 Smoke Management Guidance.
  - Post-burn smoke management evaluation forms.
  - Permit conditions and application process.
  - Requesting 48-72 forecasts.
  - Ignition decisions.
  - Fees to recover district program costs.
  - Burn coordination procedures for determining timing and placement of burns.
  - Monitoring/surveillance of smoke.

- Communication, coordination, and cooperation:
  - Annual pre-season notification of upcoming projects.
  - Annual mid-season update of projects.
  - Post-season/post-burn smoke management evaluations, as needed.
  - Cooperation of burn project public notifications and cross-jurisdictional notifications.
  - Burn authorization and burn project coordination procedures.
  - Complaint coordination.

- Development of tiered requirements based on potential for smoke impacts:
  - Information required in SMPs.
  - SMP review and inspections.
  - Cost recovery/fees.

MEMBERSHIP

- MCAB Air Districts.
- State, federal, and private land managers (hereinafter, "land managers") that conduct prescribed burns on lands within the MCAB.
- Interested parties: Neighboring jurisdictions with potential smoke impacts from burn projects conducted within the MCAB, and state and federal oversight agencies are welcome to attend meetings to communicate concerns and share information, but will not be "voting" members.

MEETING FREQUENCY

Bi-annual (twice per year):

- January meeting: This meeting will have the primary purpose of providing each land manager's annual pre-season notification of planned upcoming burn projects. Maps and big-picture information are requested.
- June (toward the end of the month): This meeting will have the primary purpose of providing each land manager's update on completed and planned burn projects.

Note: Additional agenda items, as determined by the membership, will be included, with subject matter generally within the intent of the goals listed above.

MEETING HOST

The meeting host will alternate between the MCAB Technical Advisory Committee (TAC) Chairman and a designated land manager member. The meeting host is responsible for developing the agenda (with membership input), distributing the agenda, making arrangements for meeting place, distributing the meeting minutes from the prior meeting with the agenda, chairing the meeting they host, and coordinating the completion of minutes for the meeting.

- January meeting: MCAB Technical Advisory Committee Chairman.
- June meeting: Land manager (rotation).

COMMUNICATION

The current MCAB TAC Chair will be the point of contact for the air districts. The land manager membership will designate a point of contact (initially Christie Neill). E-mail will be used to the greatest extent feasible to reduce communication costs. The points of contact will maintain and coordinate membership/interested party lists with mailing addresses, phone numbers, fax numbers, and e-mail addresses. Lists will be updated at least annually. Points of contact will be responsible for communicating with their respective membership.

APPENDIX B

(BURN PERMIT)

APPLICATION AND PERMIT FOR BURNING

NO. 008295

24 HOUR BURN LINE: 209/754-6600

Calaveras County Air Pollution Control District
Government Center / 891 Mountain Ranch Road
San Andreas, California 95249-9709

PERMIT EXPIRATION DATE_____

PERMIT CLASSIFICATION: ☐ AG ☐ AG/RESIDENTIAL ☐ COMMERCIAL PROPERTY

☐ PUBLIC AGENCY ☐ OTHER _____

NAME_____ PHONE_____

MAILING ADDRESS_____

Provide one of the following:

ADDRESS OF BURN SITE_____

or ACCESSORS PARCEL#_____ or SECTION_____ TWP_____ RANGE_____

DISTANCE TO NEIGHBORING RESIDENCE_____

APPROXIMATE AMOUNT OF MATERIAL TO BE BURNED DURING THIS PERMIT_____

TYPE OF MATERIAL: ☐ BRUSH ☐ GARDEN WASTE ☐OTHER_____

REASON FOR BURNING: ☐ CLEARING ☐ FIRE SAFETY ☐ OTHER_____

Any person who violates any provisions of the Calaveras County open burning rules and regulations is guilty of a misdemeanor, which is punishable by imprisonment in the county jail not exceeding 9 months, or by fine not exceeding ten thousand dollars ($10,000.00), or both, and the cost of putting out the fire. (Rule 301 B - Regulation III - Open Burning)

THE ABOVE STATEMENTS ARE TRUE TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT PERMISSION TO CONDUCT BURNING DOES NOT EXCUSE THE PERMITTEE FROM LIABILITY IN THE EVENT THE FIRE CREATES A PUBLIC NUISANCE OR HAZARD. I HAVE READ AND UNDERSTAND AND WILL COMPLY WITH THE CONDITIONS CONTAINED ON THE REVERSE SIDE OF THIS PERMIT.

Signature_____ Title_____

SEE REVERSE SIDE FOR CONDITIONS OF THIS PERMIT

This permit may be revoked or suspended for violation of any conditions of said permit. Burning must be curtailed, mitigated, or extinguished when smoke is drifting into a nearby populated area, creating a public nuisance, or is necessary to protect public health and safety. The permittee shall take the following additional precautions:

_____

_____

Permit Issued By_____ Date Issued_____

AIR POLLUTION CONTROL DISTRICT

SAMPLE

APPENDIX C

(SMP)

Smoke Management Plan
Check Off Sheet (for permittee use only)

Air District:_____ Date:_____

Permittee Name: _____

Project Name:_____

Check (✓) one of the following as a result of the information listed above or other pertinent information:

	Less than 1 ton of Particulate Matter (PM10) emissions and/or less than 10 acres in size, applicant must complete and comply with an Air District Burn Permit.
	Between 1 ton and 10 tons of PM10 emissions and/or between 10 and 100 acres complete sections 1, 2, 3, and 5 of the Smoke Management Plan.
	Over 10 tons of PM10 emissions and/or 100 acres complete sections 1-5 of the Smoke Management Plan and over 250 acres, complete sections 1-6.
	Regardless of size or PM10 emissions, if smoke has the potential to impact a smoke sensitive area, complete those sections of the Smoke Management Plan identified by the Air District.

Those Sections checked off (✓) are to be completed and submitted as the Smoke Management Plan to your local air district for review.

	Section 1– GENERAL INFORMATION AND APPROVALS
	Section 2 – PROJECT SPECIFIC INFORMATION
	Section 3 – PUBLIC NOTIFICATION AND ALTERNATIVES
	Section 4 – SMOKE DISPERSAL SURVEILLANCE AND MONITORING
	Section 5 – DAILY AUTHORIZATION REQUEST AND INFORMATION REPORTING FORM
	Section 6 – AIR DISTRICT PROJECT POST BURN FORM

Section 5 to be completed and submitted every day of active ignition.
Section 6 to be completed and submitted within 30 days after completion of project.

SMOKE MANAGEMENT PLAN 2001 BURN SEASON

(MAY 31, 2001 TAC Approved)

In accordance with the air district's Smoke Management Program, this Smoke Management Plan (SMP) serves as part of the applicant's permit application. Once approved by the air district, this SMP serves as part of the conditional permit to burn, when combined with the standard single page permit to burn.

Final authorization to burn this project may be granted by the responsible air district staff 24 hours in advance of ignition and must be obtained for each day of actual ignition. Final authorization may be denied if the conditions set forth in this Smoke Management Plan have not been met by the day of the ignition. (CCR 80160(j))

This SMP is required for all prescribed burns (Forest Management Burning, Range Improvement Burning, Wildland Vegetation Management Burning). Unless specified on the Check Off Sheet, in the Calaveras County Air Pollution Control District this plan is not required for burn projects less than five acres in size.

The information required herein is the minimum information needed to evaluate the effectiveness of smoke management efforts for this project. Further information may be needed if the proposed burn:

1) is large;
2) has the potential to impact a smoke sensitive area;
3) may have multi-jurisdictional smoke impacts;
4) have other complexities, which make more information necessary.

Information may need to be extracted from the project burn plan to supplement this SMP. Air district staff review of the burn plan is for informational purposes only. When the burn plan is reviewed, the air district staff assumes no approval authority or liability for approving the burn plan. The burn agency is responsible for providing firefighter and public safety, which is not the intent of the information included on this form.

Terms used in this form have the same meaning as those defined in the air district's open burning regulation definitions and/or the California Code of Regulations, Title 17, §80101. Where differences occur, the air district's definitions apply.

SECTION 1 – GENERAL INFORMATION

A. PROJECT INFORMATION: (CCR 80160(b))

Project Name/Number						Air District Permit Number	
Legal Location	T		R		S	Project Acres	
Street/Crossroads							

Check off (✓) the category(ies) of prescribed burning that applies to this project:

	Forest Management Burning: use of open fires, as part of a forest management practice, to remove forest debris or for forest management practices which include timber operations, silvicultural practices, or forest protection practices.
	Range Improvement Burning: use of outdoor fires to remove vegetation for a wildlife, game, or livestock habitat or for the initial establishment of an agricultural practice on previously uncultivated land.
	Wildland Vegetation Management Burning: the use of prescribed burning conducted by a public agency, or through a cooperative agreement with a private manager or contract involving a public agency, to burn land predominantly covered with chaparral (as defined in Title 14, California Code of Regulations, section 1561.1), trees, grass, or standing brush.
	Naturally Ignited Wildland Fire Managed for Resource Benefits. *(Refer to the Procedures page for requirements)* (CCR 80160(h)(i))
	Improvement of Land for Wildlife or Game Habitat: include with this SMP a statement from the California Department of Fish and Game, which certifies that this burn is desirable and proper. This CDFG statement may specify the amount of brush treatment that is appropriate for this project (for non-federal lands). (CCR 80160(p)) *Comments:*

Check off (✓) the Types of Burn Project(s):

	Machine Pile Burn		**Hand Pile Burn**		**Landing Pile Burn**
	Broadcast Burn		**Understory Burn**		**Other**

Check off (✓) the Type of Vegetation(s):

	Brush		**Grass**		**Timber Litter**
	Residual Timber Slash		**Other**		

Fill In the following Information:

Burn Window/Season:			
Desired Season for Burn:		Acceptable Season for Burn:	
Project/Unit Elevation (ft):			
Top of Unit(s):		Bottom of Unit(s):	
Duration of Burn: (CCR 80160(b))			
Ignition _____days	Burndown _____days	Total _____days	
Will an ARB Controlled Burn Notice 48/72/96 be requested? (Refer to the Procedures for the use of the CB-3 form.)		❑ Yes	❑ No

B. EMISSIONS ESTIMATES (Fill In):

EPA-approved method used to calculate emissions	
Total estimated emissions: Particulate Matter (PM10)	tons

See Attached Calculations

C. IDENTIFICATION OF SMOKE SENSITIVE AREAS: (CCR 80160(b))

Smoke Sensitive Areas (SSA) include population centers (e.g. towns, villages, developments), hospitals, schools, daycare centers, nursing homes, shopping centers, public events, and may include campgrounds and trails inhabited by significant numbers of people.

Please Fill In and/or Check Off (✓)		Yes	No
Could any Smoke Sensitive Areas be affected by project?			
SSA	Distance/Direction From Burn	Unacceptable Conditions	

	Yes	No
Does the planned project have the potential to impact a Class I area? If yes, why:		
Does the planned project have the potential to impact another air district or state? If yes, why?		
Is the planned project located in more than one air district? If yes, list.		
Historically, has burning in this area impacted any SSA? If yes, list conditions that led to the impact:		

If burning this project on a day concurrent with other burn projects or this is a multi-day burn which might cause a smoke impact on any SSA, it is the burn agency's responsibility to communicate daily and coordinate this burn project with the air district staff and/or the ARB, and other burners to minimize or avoid these impacts. (CCR 80160(e))

Check Off the Attached Maps

✓	Smoke Management Plan Maps
	Desired range of daytime plume path during ignition map (CCR80160(c))
	Possible night time smoke path map (CCR 80160(c))
	Smoke sensitive areas map (CCR 80160(b))
	Interior cut off lines map (Estimate/Potential)
	Project map

D. APPROVAL

I, the undersigned permittee, understand that this SMP, once approved by the Air District (District) and/or California Air Resources Board, is a condition of the Air District burn permit. This information is true to the best of my knowledge.

SMP Preparer Agency:	Telephone Number:
SMP Preparer's Name (print):	Title:
Signature:	Submittal Date:

✓	AIR DISTRICT USE ONLY BELOW THIS LINE
	ARB Consultation (Required for multi-day or projects greater than 250 acres) (CCR 80160(g))
	Approved as submitted:_____ Date_____ *Air District Staff Signature*
	Approved with changes or conditions:_____ Date_____ *Air District Staff Signature* Changes/conditions:
	DISAPPROVED as submitted: _____ Date_____ *Air District Staff Signature* For the Following Reasons:

SECTION 2 – PROJECT SPECIFIC INFORMATION

A. WIND PRESCRIPTION: (CCR 80160(c))

Fill in the Surface Wind Direction.	
Ideal:	Allowable:
Fill in the Wind Direction Aloft (Transport Direction).	
Ideal:	Allowable:
Identify potential meteorological conditions that would prohibit acceptable smoke dispersal:	

Note: The air district may require additional on-site weather observations and/or spot weather forecasts.

B. MITIGATIONS: (CCR 80160(m)(n) and (o))

Please check off the mitigations below, which will be implemented to reduce smoke impacts, especially if the smoke will impact a smoke sensitive area.

✓	Mitigations
	Vegetation will be in the following condition during combustion, considering fire safety and other factors:
	Vegetation will be piled and prepared where possible so that it can be burned with a minimum amount of smoke, unless good silvicultural or ecological practices dictate otherwise.
	Limit burning to _____ Piles or _____ acres per day.
	No more than _____ piles shall be burning at one time
	Allow _____ hours between ignition of _____ (piles/units).
	Mop up will begin within: ❑ 18 hrs ❑ 24 hrs ❑ 48 hrs ❑ 72 hrs ❑ after ignition.
	Special weather condition forecast:
	Burn window: Begin ignitions (time): _____ Terminate ignitions (time): _____
	Other, explain:

C. CONTINGENCIES: (CCR 80160(c))

Please check off the contingency actions that can be practically and safely implemented if smoke impacts a smoke sensitive area. Adequate resources must be provided for contingency actions.

✓	Contingencies
	Stop ignitions, except as needed to maintain control of fire (allow fire to burn to contingency control lines).
	Fire suppression.
	Begin mop up immediately.
	Begin mop up within _____ hours of problem identification.
	Begin complete mop up within _____ hours of smoke problem identification.
	Discontinue mop-up if favorable conditions return.
	Other, explain:

D. SMOKE IMPACT COMPLAINT PROCEDURES: (CCR 80160(l))

1. All smoke related complaints shall be forwarded within two (2) hours or as soon as practical to the air district and either the Prescribed Fire Manager, Burn Boss and/or Incident Commander via fax or telephone.

2. The permittee will attempt to obtain at least the following minimum information from complainants and forward it to the air district:

   a. date of complaint
   b. time of complaint
   c. complainant's name
   d. complainant's address
   e. complainant's telephone #
   f. nature of the complaint (smoke impacts, visibility, fear of fire)

3. The Prescribed Fire Manager, Burn Boss and/or Incident Commander, in coordination with the Air District staff, shall seek resolution for all complaints, as necessary.

4. A log of all complaint calls related to a burn project shall be kept in the project file folder for a period of one year from the conclusion of the burn project.

E. CONTACTING RESPONSIBLE OFFICIALS: (CCR 80160(l))

Note: Do not display or release personal phone information in burn or smoke plans.
Make available to the Air District:

1. Who is the Prescribed Fire Manager/Burn Boss/Incident Commander?_____

2. How can this person be reached at the burn project?_____

_____

SECTION 3 – PUBLIC NOTIFICATION AND ALTERNATIVES

A. PUBLIC NOTIFICATION: (CCR 80160(c.6)(I))

Check off below all of the actions, to minimize the impact of smoke that will be taken to advise the SSA that burning is planned. When the burning is imminent, known sensitive receptors will be contacted.

✓	Type Of Notification	Describe The Activity And Timing
	Radio Station	
	Newspaper	
	Posters/Flyers/Letters	
	Television	
	Door to Door	
	Signage	
	Personal Phone Calls	
	Other, explain:	

B. EVALUATION OF ALTERNATIVES TO BURNING: (CCR 80160(c))

Have alternative treatments other than burning been considered for this project?

❑ No. Please explain why burning was chosen over any alternatives.

❑ Yes. Please list alternatives below.

Alternative	Extent Used	Particulate Reduction (tons)

❑ Yes, part of NEPA/CEQA documentation.

❑ Attached

❑ On File with:

SECTION 4 – SMOKE DISPERSAL SURVEILLANCE AND MONITORING (CCR 80160(d))

Check off (✓) all of the activities procedures used for smoke surveillance and monitoring. (e.g. before, during and post-burn). (Note: indicate timing of each item.) All weather and surveillance records shall be filed in the project folder and be available for air district review upon request.

✓	Smoke Dispersal Surveillance And Monitoring
	Test Fire
	Balloon(s)
	Weather Collection (i.e. RAWS)
	Aircraft
	Weather Forecast
	Visual Monitoring
	Other:
Method/Location of Visual Monitors:	
Interval of smoke dispersal monitoring:	

If this project is larger than 250 acres or if there is the potential for impacts to SSAs, a Post-Burn Evaluation will be required from the burner within 30 days after completion of the burn.
(CCR 80160(k))

SECTION 5 - DAILY AUTHORIZATION REQUEST & INFORMATION REPORTING (CCR 80145)

This information must be submitted to the Air District before 3:30 p.m. (1530 hours) daily

AGENCY:

Burn Date	Acres Planned	Acres Actual	Project Name	Legal Location	County	Burn Type	Consumption Ton/Acre (est)	Reported By	Air District Authorization** Date	Air District Authorization** Initials

**The smoke management plan and meterological conditions, special permit conditions (if applicable) have been completed and adjacent burn agencies or land managers have been contacted.

SECTION 6 - AIR DISTRICT PROJECT POST BURN FORM

Complete the following for burns greater than 250 acres, burns that created smoke impacts, burning on a no burn day or as required by the Air District. Forward to the Air District within 30 calendar days of the completion of the burn.

A. GENERAL INFORMATION:

Burner/Agency/Permittee Name							
Project Name/Number					Air District Permit Number		
Legal Location	T		R		S		Project Acres
Street/Crossroads							

B. BURN INFORMATION:

Date Of Burn	Burn Day Status	Ignition Time	Planned Acres	Actual Acres	Tonnage Consumed	Completion Date Of Burn

C. EMISSIONS INFORMATION:

POLLUTANT	TOTAL EMISSIONS (tons/burn)
PM10	
Other Pollutants	

D. NARRATIVE INFORMATION:

1. Was this burn conducted as per the Smoke Management Plan's air quality conditions?_____
_____

2. Were there any smoke impacts, including impacts to Smoke Sensitive Areas, neighboring air districts and or states? If yes, list areas and duration of impacts. _____
_____
_____

3. List reason(s) for impacts._____
_____

4. Number of complaints received? (Forward complaints to Air District)_____
___

5. List contingency actions initiated to reduce impacts._____
_____
___

6. List recommendations to utilize for future burns in this area to minimize impacts. _____
_____
___

7. Was the burn successful with regards to air quality?_____
_____

SUBMITTED BY:_____
DATE:_____
Revision 12/8/00

Air District Use Only		
Staff Reviewer:	Date Reviewed:	Date Logged:

PROCEDURES

Use of the 48/72/96 forecast: (CCR 80145(f))

Fill in the requested information for the project on the supplied ARB Control Burn Notice - CB-3 form, being specific as to when the proposed burn will take place. In the first position of the "Person to be notified" column write in the name and phone number of the Air District where the burn will take place. In the second position, fill in your name or agency name and phone number. Fax this form to the ARB (916-445-0786) and either send or fax a copy to the Air District seven (7) days prior to the start of the burn. The ARB will then notify the Air District of the forecast for the burn and the Air District will relay this information to you on a daily basis. Please notify the Air District and ARB within 24 hours when this burn is canceled, postponed, deactivated, or completed.

Naturally Ignited Wildland Fires Managed For Resource Benefit

A Smoke Management Plan (SMP) shall be completed and submitted to the appropriate Air District within 72 hours from the start of the fire if the size of the burn is expected to exceed ten acres in size. (CCR 80160(i))

When a natural ignition occurs on a no-burn day, the initial "go/no-go" decision to manage the fire for resource benefit will be a "no-go" unless:

1. After consultation with your Air District, the Air District staff decide, for smoke management purposes, that the burn can be managed for resource benefit; or

2. For periods of less than 24 hours, a reasonable effort has been made to contact the District, or if the District is not available, the Air Resources Board (ARB); or

3. After 24 hours, the District has been contacted, or if the District is not available, the ARB has been contacted and concurs that the burn can be managed for resource benefit.

A "no-go" decision does not necessarily mean that the fire must be extinguished, but that the fire cannot be considered as a prescribed fire. (CCR 80160(h))

PM10 EMISSIONS CALCULATIONS FOR DIFFERENT PILE SIZES

1. Choose the pile size most represented on your burn site.

2. Multiply the number of piles in your project with the corresponding "Tons of PM10" values to get the total PM10 tonnage.

PM10 EMISSIONS FOR SPECIFIED PILE SIZES	
Revised 10/3/00	
Tonnage was calculated using 38 lbs/cu.ft.	
U.S. Forest Service's Conformity Handbook, Table 6 Emissions Factor of 19 pounds/ton of fuel burned - average pile and burn slash	
GENERIC PILE BURNING in feet, tonnage	**TONS OF PM10**
4 width x 3 height, 0.18 tons	0.002
5 width x 4 height, 0.36 tons	0.003
6 width x 5 height, 0.63 tons	0.006
8 width x 6 height, 1.24 tons	0.012
10 width x 6 height, 1.80 tons	0.017
12 width x 8 height, 3.41 tons	0.032
15 width x 8 height, 5.10 tons	0.048
20 width x 10 height, 11.04 tons	0.105
25 width x 10 height, 16.90 tons	0.161

See Exhibit A and B for additional information on calculation emissions.

SMOKE MANAGEMENT PLAN
PM 10 EMISSION CALCULATION USING VEGETATION DEFAULT VALUES*FOR FOR PRESCRIBE BURNING

Section 80160 b of Subchapter 2 Smoke Management Guidelines for Agricultural and Prescribe Burning, Title 17, California Administrative Code states, "requires the submittal of smoke management plans for all burn projects greater than 10 acres in size or estimated to produce more than 1 ton of particulate matter". To help you in determining what the particulate matter (PM10) amount is of your burn project please use the below equation and review the following examples:

Information needed for PM10 Calculations:

a. Vegetation type
b. Estimated total number of acres vegetation came from

Default Value(DV) Formula for Prescribe Burning;

Vegetation Type PM10 tons = (number of acres)(Vegetation Default value) = ton(s)
Vegetation Type PM10 tons = (number of acres)(Vegetation Default value) = ton(s)
Sum Total is Estimated PM10 for the project = ton(s)

VEGETATION TYPE(S)	ACRE(S)	DV	TONS
Wet Meadow PM10 tons =		0.004	0
Hardwood (Non-stocked) PM10 tons =		0.006	0
Blue Oak, Hardwood (Stocked), White Oak PM10 tons =		0.012	0
Interior Live Oak PM10 tons =		0.015	0
Black Oak PM10 tons =		0.02	0
Canyon Live Oak, Grass/Forb, Hackberry Oak, Willow PM10 tons =		0.03	0
Basing Sage/Low Sage, Ceanothus PM10 tons =		0.06	0
Pinyon Pine PM10 tons =		0.066	0
Red Fir PM10 tons =		0.069	0
Jeffrey Pine/Knobcone PM10 tons =		0.075	0
Lodgepole Pine PM10 tons =		0.09	0
Mixed Chaparral/Montane PM10 tons =		0.118	0
Chamise PM10 tons =		0.12	0
Productive Brush (Manzanita) PM10 tons =		0.136	0
Ponderosa Pine, Gray Pine PM10 tons =		0.165	0
Mixed Conifer PM10 tons =		0.246	0
Giant Sequoia PM10 tons =		0.225	0
Sum Total of the Estimated PM10 for the project =			0

12/14/00

SMOKE MANAGEMENT PLAN

PM 10 EMISSION CALCULATION USING BURN OPERATOR'S FUEL LOADING ESTIMATES FOR PRESCRIBE BURNING

Section 80160 b of Subchapter 2 Smoke Management Guidelines for Agricultural and Prescribe Burning, Title 17, California Administrative Code states. "requires the submittal of smoke management plans for all burn projects greater than 10 acres in size or estimated to produce more than 1 ton of particulate matter". To help you in determining what the particulate matter (PM10) amount is of your burn project please use the below equation and review the following examples:

Information needed for PM10 Calculations:

a. Vegetation type (VT)
b. Estimated total number of acres vegetation came from
c. Operator's estimated vegetation fuel loading (FL est.) per acre

Estimated PM10 Emission Formula for Prescribe Burning

VT PM10 tons = (number of acres)(FL est.)(Vegetation Default value) = ton(s)
VT PM10 tons = (number of acres)(FL est.)(Vegetation Default value) = ton(s)
Sum Total is Estimated PM10 for the project = ton(s)/project

VEGETATION TYPE(S)	ACRE(S)	FL est. ton(s)/acre	EV**	TONS
Blue Oak, White Oak, Hardwood(Stocked & Non-stocked) PM10 tons =			0.003	0
Wet Meadow PM10 tons =			0.004	0
Black Oak, Hackberry Oak PM10 tons =			0.005	0
Mixed Conifer PM10 tons =			0.006	0
Jeffrey Pine/Knobcone, Lodgepole Pine, Grass/Forb, Pinyon Pine, Ponderosa Pine, Gray Pine, Canyon Live Oak, Willow, Interior Live Oak, Red Fir, Giant Sequoia PM10 tons =			0.007	0
Mixed Chaparral/Montane PM10 tons =			0.008	0
Productive Brush (Manzanita), Chamise PM10 tons =			0.009	0
Basing Sage/Low Sage, Ceanothus PM10 tons =			0.01	0
Sum Total of the Estimated PM10 for the project =				0

12/14/00

UNIT/AGENCY Name

Criteria Pollutants from Prescribed Burns

BURN NAME

Emission Factors from E.P.A. Document 42 A.Mackey 12/97

1. Decide what type of burn you will conduct from table 11.1-3.
2. Enter pollutant in grams/kilogram from table 11.1-3 in block (a).
3. It multiplies (K) by (a), to find lbs/ton, (b).
4. Enter estimate of total tons/acre of fuel you will consume,(c).
5. It multiplies tons consumed (c) by lbs/ton (b), and enter in block (d), emissions lbs./acre.
6. Enter the numer of acres for the project, (e).
7. It multiplies acres(e), by lbs/acre (d), to get total emissions for the project.
8. Use the same steps for Carbon Monoxide, and Volatile Organic Compounds.
9. For Oxides of Nitrogen, it multiplies tons consumed (c), by 4 lbs./ton, (b), then do steps 6 and 7.

	(K)		(a)		(b)		(c)		(d)		(e)		TONS OF EMISSIONS FOR PROJECT
PARTICULATE MATTER											PROJECT		
PM10			POLLUTANT(G/KG)		LBS/TON		TONS / ACRE		LBS/ACRE		ACRES		
	1.99	X	0	=	0	X	0	=	0	X	0	=	0.00
CARBON MONOXIDE											PROJECT		
CO			POLLUTANT(G/KG)		LBS/TONS		TONS / ACRE		LBS/ACRE		ACRES		
	1.99	X	0	=	0	X		=	0	X		=	0.00
VOLATILE ORGANIC COMPOUND							METHANE AND NONMETHANE				PROJECT		
VOCs			POLLUTANT(G/KG)		LBS/TONS		TONS / ACRE		LBS/ACRE		ACRES		
	1.99	X	0	=	0	X		=	0	X		=	0.00
OXIDES of NITROGEN											PROJECT		
NOx					LBS/TONS		TONS / ACRE		LBS/ACRE		ACRES		
					4	X		=	0	X		=	0.00

* Smoke emission factors from table 11.1-3 of E.P.A. Document 42
* K = constant. The conversion factor from grams/kilogram to pounds/ton.

APPENDIX D

(DAILY BURN REQUEST)

SECTION 5 - DAILY AUTHORIZATION REQUEST & INFORMATION REPORTING (CCR 80145)

This information must be submitted to the Air District before 3:30 p.m. (1530 hours) daily

AGENCY:

Burn Date	Acres Planned	Acres Actual	Project Name	Legal Location	County	Burn Type	Consumption Ton/Acre (est)	Reported By	Air District Authorization** Date	Air District Authorization** Initials

**The smoke management plan and meterological conditions, special permit conditions (if applicable) have been completed and adjacent burn agencies or land managers have been contacted.

APPENDIX E

(PRESCRIBED FIRE NOTIFICATION)

CALAVERAS AIR DISTRICT
Controlled Burn/Prescribed Fire Notification

Agencies checked below are hereby advised that a controlled burn or prescribed fire is scheduled to take place within the jurisdiction of the Calaveras Air District. Details are outlined below. Please call if there are questions.

To:	MCAB & Others (check members being notified)	Fax Number
	[ ] Amador County APCD	(209)257-0116
	[ ] El Dorado County APCD	(530)642-1531
	[ ] Great Basin Unified APCD	(760)872-6109
	[ ] Mariposa County APCD	(209)966-8248
	[ ] Northern Sierra AQMD	(530)274-7546
	[ ] Placer County APCD	(530)889-7107
	[ ] Tuolumne County APCD	(209)533-5520
	[ ] ARB Meteorology	(916)445-0786
	[ ] Nevada, Bureau of Air Quality	(775)687-6396

From: **Lakhmir Grewal**, Calaveras Air District Phone: 209-754-6504

Fire location:_____

Date ignition starts:_____ Date ignition ends:_____

Estimated acreage to be burned:_____

Description of material to be burned:_____

Agency responsible for the fire:_____

Contact person:_____ Phone:_____

Report complaints to:_____ Phone:_____

Comments:_____

Notification provided by:_____ Date:_____

LEGAL NOTICE

AMENDMENTS TO CALAVERAS COUNTY AIR POLLUTION CONTROL DISTRICT RULES AND REGULATIONS

NOTICE is hereby given., that the Calaveras County Air Pollution Control Board will be conducting a Public Hearing on March 25, 2002, at 10:30 A.M. in the Board of Supervisors Chambers, 891 Mountain Ranch Road, San Andreas, California, 45249, to accept comments on the proposed Smoke Management Program (SMP) to be implemented by the Air Pollution Control District.

A Smoke Management Program is required by the state law and is implemented within the current District regulations. All concerned citizens, organizations, and agencies are invited to attend the public hearing or to submit written comments relating to the above-mentioned SMP. Any written comments may be submitted during the public hearing or to the District prior to the hearing.

Jeanl D. Howard
Air Pollution Control Officer

The Air Pollution Control Officer has determined that since tire proposed action to revise the District Rules and Regulations is to assure the maintenance, restoration or protection of the environment, the proposed action is therefore, categorically exempt from the provisions of California Environmental Quality Act of 1970.

Dated: February 12, 2002 Karen Vami
County Clerk and Ex-officio Secretary .
of the Air Pollution Control Board

Published Feb. 13, 2002, Daily News

PROOF OF PUBLICATION
(2015-5 C.C.P.)

This space is for the County Clerk's filing Stamp

STATE OF CALIFORNIA

County of Calaveras

I am a citizen of the United States and a resident of the County aforesaid: I am over the age of eighteen years. I am the principal clerk of the printer of the Daily News, a newspaper of general circulation, printed weekly in the Township of Valley Springs, California, County of Calaveras; that the notice of which the annexed is a printed copy (set in type) not smaller than nonpareil, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates: to wit:

Feb. 13 all in the year ~~2001~~ 2002

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Valley Springs, California

this 13th day of Feb. ~~2001~~ 2002

Signature

Daily News

101 Cedar Street
P.O. Box 129, Valley Springs, CA 95252
(209) 772-2234

a.p.

AIR POLLUTION CONTROL BOARD, COUNTY OF CALAVERAS

STATE OF CALIFORNIA

March 25, 2002

APR 11 2002

RESOLUTION NO. 02-01

A RESOLUTION AMENDING THE RULES AND REGULATIONS OF THE CALAVERAS COUNTY AIR POLLUTION CONTROL DISTRICT.

WHEREAS, the air pollution control board of an air pollution control district is authorized by Health and Safety Code Section 40702 to make and enforce all necessary and proper orders, rule and regulations to accomplish the purposes of Division 26 of the Health and Safety Code; and

WHEREAS, on March 25, 2002, at the hour of 10:30 a.m., in the Chambers of the Board of Supervisors, County of Calaveras, a public hearing was held to consider the rule amendments; and

WHEREAS, notice of said hearing was duly given, the matter was heard at the time and place so specified, evidence was received and all persons desiring to be heard in said matter were given an opportunity to be heard;

NOW, THEREFORE, BE IT RESOLVED by the Air Pollution Control Board (Board) of the Calaveras County Air Pollution Control District that the facts hereinabove recited are found to be true.

BE IT FURTHER RESOLVED that this Board does hereby revise the Rules and Regulations of the Calaveras County Air Pollution Control District as set forth in Exhibit "A", attached hereto and incorporated herein by this reference. The foregoing referenced Rules and Regulations, attached hereto as Exhibit "A", are hereby adopted as amendments to the Rules and Regulations of the Calaveras County Air Pollution Control District.

/

BE IT FURTHER RESOLVED that the findings of this Board, based on the evidence submitted at the hearing upon which its decision is based, are as follows:

1. The proposed revisions to the Rules and Regulations would incorporate Smoke Management Program (SMP) to be implemented by the Air Pollution Control District as an integeral part of District Regulation III - Open Burning.
2. All notices required to be given by law have been duly given in accordance with Health and Safety Code Section 40725, and the Board has allowed public comment, both oral and written, in accordance with Health and Safety Code Section 40726.

BE IT FURTHER RESOLVED that further findings of this Board, as required by Health and Safety Code Section 40727, are as follows:

1. The proposed amendments are necessary to accomplish the purposes of Division 26 of the Health and Safety Code and to comply with State and/or Federal Clean Air Act requirements.
2. The Board is authorized to adopt and amend rules and regulations as may be necessary or proper to execute the powers and duties granted to, and imposed upon the District by Health and Safety Code Section 40702.
3. The Board has reviewed the proposed revisions and has determined that the said provisions are set forth in clear an concise language, so that their meaning can be easily understood by the persons directly affected by them.
4. The proposed provisions are in harmony with, and not in conflict with or contradictory to, existing District Rules and Regulations, Statutes, Court Decisions, or State or Federal Regulations.
5. The proposed revisions do not impose the same requirements as an existing State or Federal Regulation.

/

/

/

6. The amended Rules and Regulations are being implemented in compliance with Health and Safety Code Section 40001, which requires the District to adopt and enforce rules and regulations to achieve and maintain the State and Federal Ambient Air Quality Standards in all areas affected by emissions sources under its jurisdiction, and enforce all applicable provisions of State and Federal Law.

BE IT FURTHER RESOLVED that this Board finds, based on the staff report filed with this Board and the record of its rule adoption hearing, and pursuant to Sections 40703 and 40922 of the Health and Safety Code, that the Rules and Regulations contained in Exhibit "A" are the most cost effective of the available control measures considered by this Board.

BE IT FURTHER RESOLVED that this Board finds that because the proposed action to amend the District Rules and Regulations is to assure the maintenance, restoration, enhancement or protection of the environment, the proposed action is, therefore, categorically exempt from the provisions of the Environmental Quality Act of 1970 (CEQA) under the provisions of Sections 15000 and 15308 of the State CEQA Guidelines.

BE IT FURTHER RESOLVED that the Secretary of this Board shall file an appropriate Notice of Exemption with the County Clerk.

BE IT FURTHER RESOLVED that the District shall maintain a record of this rulemaking proceeding in accordance with Health and Safety Code Section 40728.

BE IT FURTHER RESOLVED that the Secretary of this Board is hereby directed, for the purposes of conforming with Section 40704 of the Health and Safety Code, to cause a certified copy of this Resolution, together with the Rules and Regulations adopted herein, to be filed with the California Air Resources Board.

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BE IT FURTHER RESOLVED that the Secretary of this Board is further directed to cause a certified copy of this Resolution to be forwarded to the Air Pollution Control Officer of said District and to the County Counsel of Calaveras County.

ON A MOTION by Board member Thein, seconded by Board member Stein, the foregoing Resolution was duly passed and adopted by the Air Pollution Control Board, County of Calaveras, State of California, this 25 day of March, 2002, by the following vote:

AYES:	Supervisors Thein, Stein, Callaway & Tryon
NOES:	None
ABSENT:	Supervisor Bailey
ABSTAINED:	None

Chairman, Air Pollution Control Board

ATTEST:

County clerk and Ex-Officio Secretary
of the Air Pollution Control Board of the
County of Calaveras, California