



**AIR POLLUTION
CONTROL DISTRICT**
COUNTY OF SAN LUIS OBISPO

September 24, 1999

James App, City Manager
City of Paso Robles
1000 Spring Street
Paso Robles CA 93446

RECEIVED
CITY MANAGER

SEP 29 1999

CITY OF PASO ROBLES

Dear Mr. App:

I am writing to encourage the City of Paso Robles to play a key role in determining future directions air quality management will take in San Luis Obispo County. As you know, San Luis Obispo County is currently a nonattainment area for the State ozone and PM10 (fine particulate) standards. Since adoption of our first Clean Air Plan in 1991, air quality at all of our coastal monitoring stations has shown steady improvement. However, ozone air quality in the north county has declined over the same period. California Air Resources Board staff have performed a comprehensive analysis of existing monitoring data which indicates that transport of pollutants from both the San Joaquin Valley and Monterey County may be a significant contributor to our north county ozone exceedances. Unfortunately, existing monitoring data is not sufficient to provide a definitive answer.

An extensive air monitoring and analysis study will take place during the summer of 2000 to gather scientific information about ozone formation and transport over a broad geographic region. The Central Coast Ozone Study (CCOS) is a massive data collection effort to evaluate ozone formation and transport across most of central and northern California. The study area covers nearly two-thirds of the state and includes twenty-six air districts, extending from the Pacific Ocean to east of the Sierra Nevada and from Redding to the Mojave Desert. We need your support to help assure that the data collected is thorough enough to answer remaining questions about ozone transport and formation affecting our County.

CCOS will piggy-back on the California Regional PM10/2.5 Air Quality Study (CRPAQS), an even larger particulate monitoring effort that will be conducted concurrently over the same area. CRPAQS is being developed and supported by a large consortium of federal, state and local air quality agencies, state and local government, and affected industry, and will cost over \$28 million. Integrating CCOS into the particulate study allows a significant cost savings. The total budget for CCOS is currently estimated at \$6-\$7 million dollars, with the California Air Resources Board, California Energy Commission and a few air districts providing the bulk of that funding.

CCOS is directed by a public-private committee consisting of the major participants. District staff is participating on the Policy Committee and the Technical Committee. The Study will provide many air districts, including ours, with much better tools for understanding our air quality problems. In particular, it will provide critical information that will be used to better determine the contribution of pollution from outside the County, especially via Monterey County and the San Joaquin Valley.

This information will help the District and Air Resources Board during the next Clean Air Plan update to determine what additional control measures may be needed to achieve and maintain the health-based air quality standards for ozone. It is my belief the study will show that there is significant transport from both Monterey and the San Joaquin Valley, and that we will not be required to place heavy new burdens on our businesses and citizens to meet the ozone standards. Additionally, measures may then be taken in those upwind areas that will improve air quality in our County.

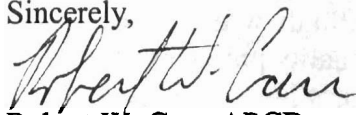
The District will be expending significant resources on the study, but we just don't have the funding necessary to provide all of the monitoring needed. What we do need is an atmospheric profiler which will provide data on winds aloft, allowing us to determine periods of transport into the County. The cost of leasing this equipment for the period of the study is \$90,000; we hope to split the cost of this item with the Monterey Bay Unified Air Pollution Control District. We also need to establish a new air monitoring station in the northeastern part of the County to track pollutants entering from the east. This will cost between \$55,000 and \$60,000. Operational costs will probably run between \$10,000 and \$20,000, not including District staff time.

The CCOS Technical and Policy Committees agree that the data gaps which currently exist require at least this much additional monitoring (data from the existing District and ARB stations will be used in the study) to allow assessment of ozone formation in San Luis Obispo County. The APCD Board has identified up to \$56,000 that may be available for the study. The total estimated cost for our participation in CCOS ranges from \$110,000 to \$125,000, not including in-kind services. We plan to maintain control of most or all of the local funding to assure that it is used for the local need, and the East County Monitoring station will be retained and operated by the District for some time to come.

Because of the large size of the study area and the cost of such an intensive data collection effort, the currently available funding for CCOS is not adequate to provide comprehensive data collection in all areas. While our needs are viewed as important by other study participants, there are many competing interests for where the available monitoring resources will be placed during the study. For San Luis Obispo County to command the attention needed to have equipment placed where it will give us the information we need, we must come to the table with additional resources. I hope you will join us in this effort by making a contribution to the District of \$2,500 or whatever other amount you consider to be appropriate.

Enclosed is a letter from the Executive Officer of the California Air Resources Board with a map of the study area and brief description. Please call me, Larry Allen or Paul Allen at 781-5912 if you would like additional information.

Sincerely,


Robert W. Carr, APCD

c: Councilperson Walt Macklin



Winston H. Hickox
Secretary for
Environmental
Protection

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

2020 L Street • P.O. Box 2815 • Sacramento, California 95814 • www.arb.ca.gov



Gray Davis
Governor

June 28, 1999

Mr. Robert Carr
Air Pollution Control Officer
San Luis Obispo County Air Pollution Control District
3433 Roberto Court
San Luis Obispo, California 93401-7126

Dear Mr. Carr:

I am writing to encourage your district to take an active role in both the design and implementation of the Central California Ozone Study (CCOS) scheduled for the summer of 2000. The study domain will cover most of Northern and Central California, as shown on the map in Attachment 1. The CCOS will take advantage of equipment already in the field for the California Regional Particulate Matter Study (CRPAQS) to gather scientific information about ozone formation and transport in a broad geographic domain. Data from CCOS will form the foundation for ozone plans in 2003 – helping districts within the study area to prepare attainment demonstrations for both the federal and State ozone standards. Because of the intensive resource outlay required for a large-scale field study, CCOS will likely be the only opportunity to collect the ozone data needed for attainment demonstrations for the next decade. Attachment 2 provides a further description of the ozone study.

Both the CRPAQS and the CCOS are guided by a Policy Committee composed of representatives from local, state, and federal agencies, as well as the private sector. The Policy Committee approves the recommendations of a Technical Committee and guides the overall direction of study. It is important to have Policy Committee participation from districts that will depend upon study information to develop future control strategies and attainment demonstrations. At its May 21, 1999 meeting, current Policy Committee members discussed the need to involve all affected air districts in the design of the ozone study. We strongly encourage your district's participation – whether as a funding sponsor, a contributor of in-kind resources, or through active involvement in the Committee meetings.

The next meeting of the Policy Committee is scheduled for July 16 from 10 a.m. to 12:00 p.m. The meeting will be a teleconference with sites available at the ARB offices in Sacramento, and at the San Joaquin Valley Unified Air Pollution Control District offices in Modesto, Fresno and Bakersfield. The meeting will focus on the draft CCOS workplan which can be downloaded at the following address: www.arb.ca.gov/ccaq/CCOS/ccos.htm. To obtain a copy of the meeting notice or if you do not have web access and would like a copy of the draft CCOS workplan, please contact Ms. Susan Paul at (916) 322-6048.

In addition to the Policy Committee, the CRPAQS/CCOS organizational structure includes a Technical Committee that oversees the research plans and recommends contracts to the Policy Committee. The membership of the Technical Committee is similar to that of the Policy Committee. We have also established workgroups to address specific topics, for example Emission Inventory Coordination, Data Analysis and Modeling, and Meteorology. District participation has been valuable in past technical workgroups, and we welcome your participation at the Technical Committee and in individual workgroups. The next Technical Committee meeting time and location will be posted on the website (www.arb.ca.gov/ccaq/CCOS.)

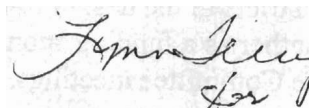
To provide additional information about the CRPAQS/CCOS goals, outline the impact the field study results will have on your district, and discuss how you can most effectively participate in the design and implementation of the CCOS workplan, we have scheduled an informational meeting for local air district planning staff. If you or your staff plan to participate by conference call, please notify Ms. Kellie Williams at (916) 322-0285 so we can arrange enough lines.

Thursday, July 8
10:00 a.m. - 11:30 a.m.
Air Resources Board, Second Floor
2020 L Street, Sacramento

By phone
Call in number: (888) 422-7109
Participant code: 375311

If you have any questions about the ozone study or the meeting, please contact Ms. Lynn Terry, Deputy Executive Officer, at (916) 322-2739.

Sincerely,


for
Michael P. Kenny
Executive Officer

Attachments

cc: (with attachments)
Barbara Patrick, Chair of the Policy Committee
Stew Wilson, California Air Pollution Control Officers Association

CENTRAL CALIFORNIA OZONE STUDY

Most of central and northern California violates either the State or federal air quality standards for ozone. The ozone problem is regional – precursor emissions and ozone are transported between districts, in addition to being generated locally. The purpose of the Central California Ozone Study (CCOS) is to better understand the nature of the ozone problem across the region, providing a strong scientific foundation for the next round of State and federal attainment plans.

STUDY DESCRIPTION – CCOS is a multi-year study to examine ozone formation and transport in central and northern California. It will provide emissions, meteorology, and air quality data to use in grid-based photochemical models. The study area extends from Redding in the north to the Mojave Desert in the south, and from the Pacific Ocean in the west to the Sierra Nevada Mountains in the east. The study includes six main components:

- developing the experimental design of the field study (task is already underway);
- conducting an intensive field monitoring study scheduled for June-September 2000;
- quality assurance and quality control, plus data analysis;
- developing an emission inventory to support modeling;
- developing and evaluating a photochemical model for the region; and
- evaluating emission control strategies for the next ozone plans.

The field monitoring portion will update and refine previous work by capturing new air quality and meteorological data using state-of-the-science monitoring equipment. Much of this data will be collected continuously over the entire summer. However, to gain a better understanding of the dynamics and formation of high ozone concentrations within the study region, additional air quality data will be collected for up to 20 days during multi-day ozone episodes. Aircraft and remote sensing instruments will measure special air quality data at the surface and aloft during those episodes.

In addition to the air quality and meteorological data from the field study, improved emissions estimates are a critical input for the photochemical model. An extensive effort is already underway to improve the emission inventory within the study domain, and an Emission Coordination Group has been established to guide the inventory development. ARB, air districts, the California Department of Transportation, and local transportation agencies are participating in the group.

MANAGEMENT – CCOS is directed by the same public-private committee responsible for the successful San Joaquin Valley Ozone Study and the planned California Regional PM10/2.5 Air Quality Study. These studies are landmark examples of collaborative environmental management. The proven methods and established teamwork provide a solid foundation for CCOS.

BUDGET – At this time, about \$5 million is available for the core field study – \$2.25 million from the ARB and \$3 million from the California Energy Commission. The Policy Committee is continuing to seek additional funding which would allow us to augment the study. CCOS is integrated into the California Regional PM10/2.5 Air Quality Study which allows a significant cost savings.

For more information, contact Terry McGuire, Chief, Planning and Technical Support Division, at (916) 322-5350





CITIZENS AIRPORT ADVISORY COMMITTEE
Paso Robles Municipal Airport

MINUTES

Thursday, August 26, 1999 ~ 7:30 PM
Airport Office ----- 4912 Wing Way

A. CALL TO ORDER

1. Roll Call

Present: Committeemembers Barksdale, Cromwell, Corippo, Caskey, Gleim, Morton,
Absent: Chuck Miller, Ron Rose
Staff: Roger Oxborrow

2. Review of Previous Minutes:

Minutes of June 24 and July 13, reviewed and approved as presented.

B. PUBLIC COMMENT None

C. DISCUSSION ITEMS

1. Progress Review - Parsons Aviation

Mr. Mick Drummond, Planner with Parsons Aviation, is introduced to the Committee. He outlines the progress made thus far in developing a layout plan for the North Area of the Airport Industrial Park. Various concepts and timelines are discussed. The Committee suggests modifications with respect to the placement of some street alignment, and some of the proposed priorities. A **Motion** by Mr. Corippo, seconded by Mr. Gleim to recommend acceptance of the plan. thus far, with recommended modifications passes unanimously.

2. Aircraft Hangar Area - Development/Security Issues

Concern is expressed over some of the current conditions encountered in the hangar area. A sub-committee of Members Corippo, Gleim, and Morton are appointed to review the situation and report back with recommendations. A sub-committee of members Caskey and Cromwell are appointed to review Airport security issues and report back with recommendations.

3. Operations Review

Staff updates the Committee on much of the current routine operations of the Airport.
No action was taken by the Committee.

D. COMMITTEE BUSINESS

None

E. CALENDAR

Next Meeting: September 23, 1999

F. ADJOURN

10:10 PM