

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Inter-Office Memorandum

To: Chairperson Townsend and Members
of the Executive Committee

From: Gary Kendall,
Acting Director of Planning & Research

Date: March 23, 2005

Re: Ozone Modeling and Central California Ozone Study Update

RECOMMENDED ACTION:

Receive and file.

BACKGROUND

The Central California Ozone Study (CCOS) was initiated to provide data and analyses for the planning process for the national ozone standards. The Air District has been participating in CCOS since 1999. CCOS consists of a comprehensive air monitoring program, data analysis, emissions inventory development and photochemical modeling. Major CCOS participants include the Bay Area Air Quality Management District, Sacramento Metropolitan Air Quality Management District, San Joaquin Valley Air Pollution Control District, California Air Resources Board, Environmental Protection Agency, California Energy Commission, and industry.

Air District modeling efforts were initially focused on the 1-hour standard because of the Bay Area's non-attainment status. However, EPA is now transitioning from the 1-hour to the 8-hour standard. Because of the Bay Area's marginal 8-hour ozone non-attainment status, the District is not required to perform modeling for 8-hour ozone planning purposes. However, District staff continue to perform ozone modeling and collaborate with ARB and northern California air districts on central California ozone modeling, planning and transport assessment for the 8-hour standard.

DISCUSSION

Staff will present an update on ozone modeling, including:

- Ozone modeling requirements
- Characteristics of modeled ozone episodes
- Status of CCOS ozone modeling and model performance
- District's participation in the overall program
- Next Steps

Respectfully submitted,

Gary Kendall
Acting Director of Planning & Research

FORWARDED BY: _____

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Reviewed by: _____