

Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109
(415) 749-5000

APPROVED MINUTES

Advisory Council Regular Meeting
10:00 a.m., Wednesday, July 11, 2007

CALL TO ORDER

Opening Comment: Chairperson Glueck called the meeting to order at 10:05 a.m.

Roll Call: Present: Fred Glueck, Chairperson, Cassandra Adams, Louise Bedsworth, Ph.D., Ken Blonski, Jeffrey Bramlett, Sam Altshuler, Harold Brazil (10:17a.m.), Irvin Dawid, Emily Drennen, MPA, John Holtzclaw, Ph.D., Janice Kim, MD, Ph.D. (10:07a.m.), Steven Kmucha, MD, Kraig Kurucz, Linda Weiner, and Brian Zamora.

Absent: Robert Bornstein, Ph.D., William Hanna, Robert T.P. Huang, Ph.D., Karen Licavoli-Farnkopf, MPH, and Ed Proctor.

PUBLIC COMMENT PERIOD: There was none.

CONSENT CALENDAR:

1. Approval of May 9, 2007 Minutes: Dr. Holtzclaw moved for approval of the minutes. Mr. Zamora provided a correction to the spelling of his name. Mr. Altshuler also provided revisions to the minutes that will be incorporated in the final version of the minutes. Mr. Bramlett second approval of the minutes, carried unanimously.

COMMITTEE REPORTS:

2. Technical Committee Meeting of June 11, 2007: Mr. Altshuler reported that Dr. Tom Cahill, Professor of Atmospheric Science, University of California Davis delivered a presentation to the Committee on “New data on heavily traveled secondary roadways and their mitigations.” Key measurements included: PAH levels comparable around possible situations, lube oil used in studies and inhalation of PM. Dr. Cahill talked about the differences between cut section freeways and elevated freeways; how these freeways attract PM. Dr. Cahill also stated that certain wind speeds cause vegetation to act as filters especially redwood trees. Mr. Kurucz added that Dr. Cahill also talked about the data collected from other parts of the world such as the impact from emissions in China. Mr. Altshuler announced that the next Technical Committee meeting will be on August 6, 2007. Dr. Mark Jacobson will present to the Committee his work on health effects of “Ethanol and Black Carbon as it relates to Greenhouse Gases.”

3. Air Quality Planning Committee Meeting of June 13, 2007: Mr. Blonski asked Ms. Drennen to report out on the Committee meeting that she chaired. Ms. Drennen stated that the Committee received a report from Air District staff on the Spare the Air program. A discussion with regards to Dr. Manuel Pastor's presentation took place and District staff reported out on its perspective with regards to the presentation as it relates to the Air District's CARE program. The Committee also discussed four guiding principles of Social Vulnerability; including Technical analysis, Mitigation, Outreach Strategies and Translation Services.

4. Public Health Committee Meeting of June 13, 2007: Mr. Bramlett reported that every member of the Committee received a letter from a concerned citizen with regard to two power plants being built in Hayward. Mr. Bramlett requested guidance in response to the letter. Chairperson Glueck advised that Mr. Bramlett write a letter to acknowledge the individual's concern as well as receipt of the letter.

Mr. Brian Zamora reported on Indoor Air Quality (IAQ) and Asthma and his meeting with county health officers. Dr. Tony Iton will be contacted for a presentation to the Committee. There was a suggestion to look into "health effects of traffic exposure and heat." Dr. Kim will make a presentation to the Committee at its next meeting and other Committees are invited to attend. Dr. Bedsworth requested that agenda packets for each committee be distributed to the entire Council.

Mr. Bramlett announced that the next Public Health Committee meeting will be on October 10, 2007.

Ms. Weiner referenced the public comments on the power plant construction in Hayward; community organizations are opposing the construction because it allows excessive emissions to be offset with credits; in addition, the site is within one mile of schools and residences.

5. Overview of Chairperson, Glueck's Report to the Board of Directors' Executive Committee Meeting of May 30, 2007: Chairperson Glueck reported on his report to the Executive Committee. Mr. Glueck gave a synopsis of each of the Committee meetings held in April.

PRESENTATION

6. Overview of ARB Mobile Source Programs from the State Perspective: Mr. Michael Murphy, Advanced Project Advisor gave a presentation on Air Resources Board (ARB) Mobile Source Program. The presentation focused on some of the recent endeavors by the ARB as well as some from the Energy Commission. The context of the presentation included:

- Emissions from Mobile Sources in the San Francisco Bay Area
- State Programs to reduce emissions

Mr. Murphy reviewed ARB's regulatory efforts which included:

- **Progressively lower emission limits on new engines/vehicles**
 - Review of Zero Emission Vehicle Regulations
 - Renewed prospects for battery electrics; role of plug-in hybrids
 - On Board Diagnostics for heavy duty engines
 - Remote Sensing Equipment to improve SmogCheck

- **Specifications for Clean Fuels**
 - Reformulated Gasoline – Phase 3
 - Ultra Low Sulfur Diesel (15 ppm)
 - Low Carbon Fuel Standards

- **Diesel Risk Reduction Program/Adopted Regulations**
 - Transit Buses
 - Garbage Trucks
 - Public Fleet Vehicles
 - Idling limits for School Buses and Trucks
 - Stricter controls on stationary engines
 - Low-sulfur fuel for auxiliary engines on Ocean going vessels
 - Cargo Handling Equipment
 - Statewide Locomotive MOU

- **Diesel Risk Reduction Program/Pending Regulations: 2007 – 2008**
 - Construction and other off-road equipment
 - Commercial trucking
 - Port/Inter-modal Trucking
 - Harbor Craft
 - Shore power for ocean going vessels
 - Low-sulfur fuels for propulsion engines in ocean going vessels
 - Ocean going vessel speed reduction
 - Allocation of \$1 billion in bond revenue

Mr. Murphy added that Goods Movement Emissions Reduction Plan adopted a year and a half ago focused on international trade corridors. This will be a guiding document in prioritizing the allocation of \$1 billion in bond revenue.

AIR DISTRICT OVERVIEW

7. Report of the Executive Officer/APCO: Brian Bunger, the District Counsel reported on the following on behalf of the Executive Officer.

1. Announcing that the Air District has adopted its fiscal year 2007/2008 budget.
2. The first exceedance of the 8-hour national ozone standard for the 2007 ozone season occurred on Thursday, July 5th, at Livermore – 91 ppb (116 AQI). There were also exceedances of the State 8-hour and 1-hour ozone standards on July 4th and 5th. The 4th and 5th of July had high temperatures. The highest temperatures occurred at Livermore, reaching 102° on Wednesday and 106° on Thursday.
3. The woodsmoke rule is in the development phases with a kick off workshop in the next several weeks. On the green port initiative which is a major rule making; the Air District will convene a working group of interested parties in late August, afterwards; the rule will be taken to the Board of Directors next year.

OTHER BUSINESS

- 9. Report of the Chair:** Chairperson Glueck stated that the Executive Committee discussed the basic item of review of the committee structure within the Advisory Council. Each Committee will discuss for input on modernization and current status for descriptions of committees and issues. This will help assist the Air District better so that discussion topics for the preceding/upcoming year will be more in tune with the current issues. Mr. Glueck noted that there will be updates later.
- 8. Recognition of Peter F. Hess, Deputy Air Pollution Control Officer:** Chairperson Glueck gave a brief review of Mr. Hess' achievement. He noted that Mr. Hess has been with the Air District since 1974 and had served as Deputy Air Pollution Control Officer since 1979. Mr. Glueck also mentioned Mr. Hess' positions held and his work to help attain better air quality in the San Francisco Bay Area. Mr. Glueck presented to Mr. Hess a plaque and a gift from the Advisory Council.

In response, Mr. Hess thanked the Council and expressed his appreciation for their work and urged them to keep up their efforts towards maintaining cleaner air quality in the Bay Area.

- 10. Committee Member Comments/Other Business:** Mr. Dawid informed Council members and staff that California progress report can now be viewed on the public website. The website currently has letter from a former council member and former ARB Chair; Bob Sawyer to the Governor. Comments can be posted on the website.

Mr. Glueck thanked the Council members that attended A&WMA.

Mr. Kurucz and Mr. Altshuler expressed their appreciation for working with Mr. Hess.

- 11. Time and Place of Next Meeting:** 10:00 a.m., Wednesday, September 12, 2007, 939 Ellis Street, San Francisco, CA 94109.

- 12. Adjournment:** The meeting adjourned at 12:05 p.m.

/s/ Chioma Dimude
Chioma Dimude
Acting Executive Secretary



Overview of ARB's Mobile Source Programs and Regulations

Advisory Council

11 July 2007

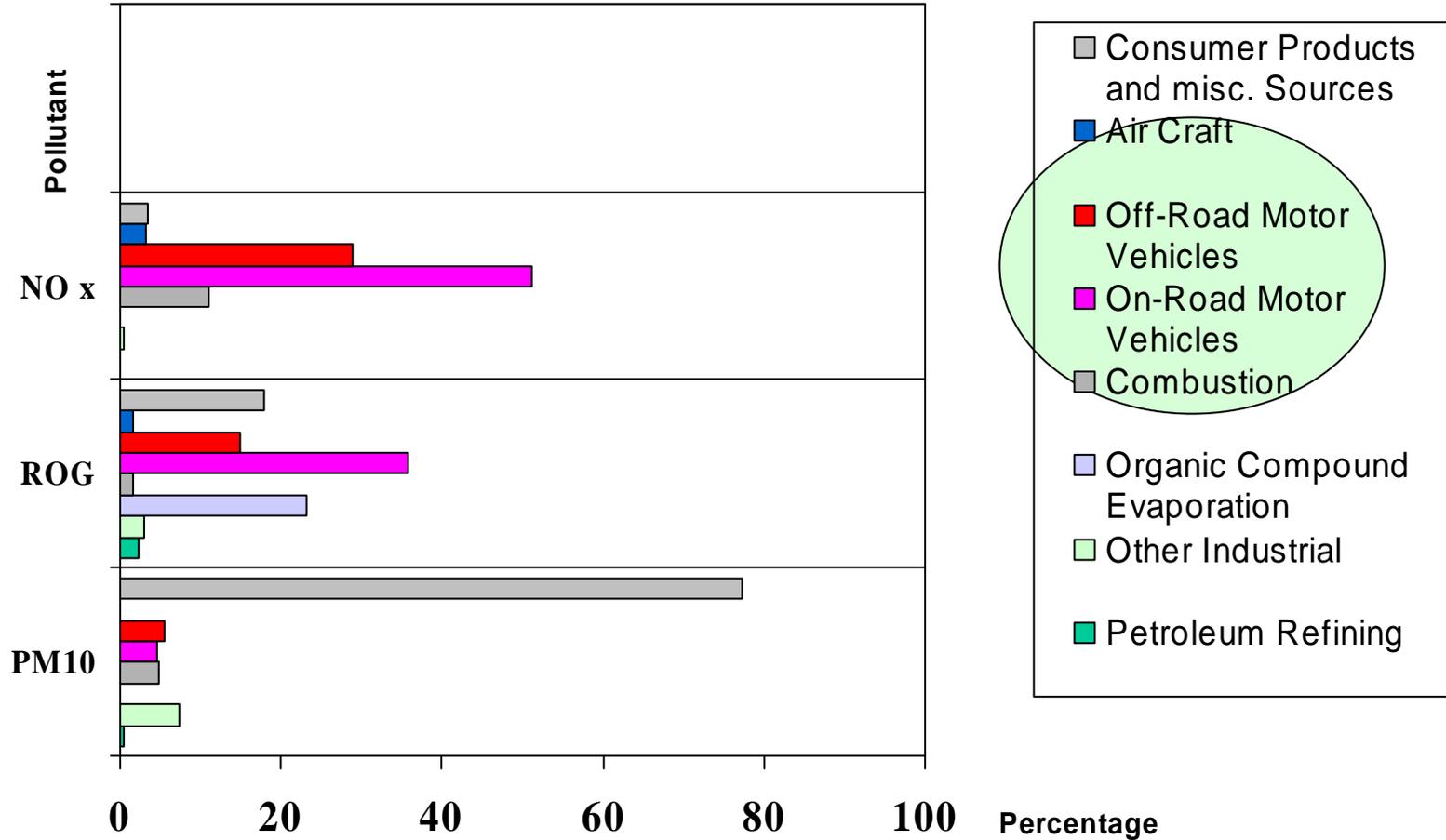
Michael Murphy
Planning & Research Division



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- Emissions from Mobile Sources in the San Francisco Bay Area
 - State Programs to reduce emissions



Sources of Emissions – Summer 2005





Out with the Old = Biggest Improvements





Clean Alternatives





CARB Regulatory Efforts

- Progressively lower emission limits on new engines/vehicles
 - Review of Zero Emission Vehicle Regulations
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 - On Board Diagnostics for heavy duty engines
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- Specifications for Clean Fuels
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 - Stricter controls on stationary engines
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 - Cargo Handling Equipment
 - Statewide Locomotive MOU



CARB Regulatory Efforts

(continued)

- Diesel Risk Reduction Program
 - Pending Regulations: 2007 - 2008
 - Construction and other off-road equipment
 - Commercial Trucking
 - Port/Inter-modal Trucking
 - Harbor Craft
 - Shore power for ocean going vessels
 - Low-sulfur fuels for propulsion engines in ocean going vessels
 - Ocean going vessel speed reduction
 - Allocation of \$1 billion in bond revenue
- Goods Movement Emission Reduction Plan
- AB 32 and AB 1007 efforts – GHG and Alternative Fuels
- Hydrogen Highway



Questions