

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

FINAL MINUTES

Advisory Council Regular Meeting
2:00 p.m., Wednesday, July 9, 2008

Call To Order

Opening Comment: Vice Chairperson Brazil called the meeting to order at 2:08 p.m.

Roll Call: Sam Altshuler, Harold Brazil, Vice Chair; Ken Blonski, Robert Bornstein, Ph.D., Jeffrey Bramlett, MPA, Fred Glueck, John Holtzclaw, Ph.D., Robert T.P. Huang, Ph.D., Steven T. Kmucha, Kraig Kurucz, Kendal Oku, Virginia Smyly, Linda Weiner and Brian Zamora.

Absent: Cassandra Adams, Louise Bedsworth, Ph.D., Irwin Dawid, Emily Drennen, William Hanna and Karen Licavoli-Farnkopf.

Oath of Office: The Oath of Office was given to Virginia Smyly, Advisory Council Member, Public Health category, for a term effective immediately, and ending, December 31, 2009.

Public Comment Period – There were no public comments.

Consent Calendar

1. Approval of Minutes of May 15, 2008

Council Member Holtzclaw requested the following amendments:

- Page 4, 4th paragraph; “Council Member Weiner referred to the PM 2.5 standards in 2020 and she confirmed...”
- Page 4, 5th paragraph; “If it is, this is the strategy that gets put in the SIPs. ~~SIBs~~”
- Page 5, 1st paragraph; “...is due to population change, economic activities, VMT ~~VMP~~ or other reasons.”
- Page 7, 4th paragraph; “...when Spare the Air day began and ~~the~~ one thought behind it...”

Committee Action: Council Member Holtzclaw moved to approve the Minutes of May 15, 2008, as amended; seconded by Council Member Zamora; carried unanimously without objection.

Committee Reports

2. Executive Committee Meeting of May 15, 2008

Vice Chairperson Brazil reported that at the Executive Committee meeting of May 15, 2008, members spoke about the last Board meeting where Dr. Bedsworth was supportive of a work plan for indoor air quality and he also reported that the A & WMA Conference highlights were discussed.

3. Technical Committee Meeting of June 9, 2008

Committee Chair Kurucz reported on Dr. Duffy's presentation on global warming, stating temperature changes were reviewed which found more warming in winter months and less in summer months. Studies show more warming of nighttime minimums marking key summer daytime highs. Climate models cannot presently reproduce well key daytime maximums.

The decreased amount of snow is due to warming and not to precipitation. We see greater temperature gradients due to inland warming which drives coastal cooling. Models indicate that warming is likely to get much worse when viewed on a statewide scale. Bay Area and California trends are similar from 1949 to present and there is greater radiant heating and not more extreme temperatures. Also discussed were 4 area studies, 3 of which showed warming trends and one that did not. The course-scale global models do not include all of the drivers or forcing factors that effect regional scale climate. Some of those are land use change, which includes irrigation and urbanization. In California, irrigation is a very significant driver of regional climate and actually a cooling influence. The other factor that is a cooling is aerosols. Their effects are not well understood and not represented in the global scale models, and agricultural aerosols are not represented at all in the Central Valley. Another factor not in the model is the snow albedo feedback, which has an amplifying effect on warming wherein the loss of snow itself creates warming, and in the course-scale models, there is no snow.

4. Public Health Committee Meeting of June 9, 2008

Committee Chair Zamora reported that the meeting focused on Regulation 6, Rule 3, Wood-Burning Devices. Committee Member Weiner and he testified before the Board of Directors at its July 9, 2008 meeting.

5. Air Quality Planning Committee Meeting of June 16, 2008

Vice Chairperson Brazil reported that Theresa Rommell, Senior Planner/Analyst from Metropolitan Transportation Commission (MTC) and staff from San Francisco Metropolitan Transportation Authority (SFMTA) provided the Committee with a presentation on the current state and future projections of regional transit funding. A revenue panel was convened by the Mayor to study ways to fund Muni and review a zonal fare, and fare free scenarios. David Wiley of the Air District provided a presentation and information on motor vehicle registration fees received by the Air District from surcharges, sources of which are dictated by legislation include \$4 for AB 434, Transportation Fund for Clean Air and \$2 for AB 923, the Mobile Source Incentive Fund. The Committee also discussed the need for a HOT lane policy, the need for congestion pricing to wrap into how the Air District could fund those projects, and a

recommendation from the Committee to support congestion pricing for the Council at their September meeting.

PRESENTATION

6. Consideration and Approval of Draft Resolution on Indoor Air Quality.

Committee Member Zamora briefly discussed the background on work to date, regulations and data on indoor air quality, and the purpose of bringing the information to staff and to the Advisory Council. The resolution is intended to be a resource document for Air District staff, state, federal and other agencies. For example, if a call was received on asthma, one could review the appendices and identify a resource to refer to. He noted the document would need to be updated from time to time. Committee members thanked Mr. Zamora for the Committee's work.

Committee Member Glueck questioned how someone could properly screen an indoor air quality or environmental issue versus a true health issue. Committee Member Zamora believed the question was extremely complex and certain health and environmental issues would need to be identified and eliminated to get to the source of the problem, and Committee Member Kmucha agreed the matter was complex in that everyone has their own unique sensitivities, daily exposures, and personal medical history.

Vice Chair Brazil referred to the Recommendation section and he confirmed coordination was also being done with local health departments and the Air District. Committee Member Weiner and other members voiced the importance for resource information to be updated on a regular basis.

Committee Action: Council Member Altshuler moved to approve the draft Resolution on Indoor Air Quality and forward it to the Board of Directors; seconded by Council Member Weiner; carried unanimously without objection.

Mr. Broadbent requested Item 8 be taken out of order.

AIR DISTRICT OVERVIEW

8. Report of the Executive Officer/APCO

Mr. Broadbent provided an update on pending and planned Air District activities, policies and initiatives.

Mr. Broadbent thanked those members who attended the A & WMA Conference in Portland. He said that the Air District is beginning its new budget cycle and monitoring its resources. He also discussed the wood smoke regulation which had just been adopted by the Board of Directors, and he thanked the Advisory Council for their support. He briefly discussed the Port of Oakland's and other port's efforts on the Green Port Initiative, the truck retrofit program, infrastructure bond monies acquired by the Air District, and costs and technical challenges with devices for short haul trucks. He said the Board of Directors has asked the Climate Protection Committee to formulate a work plan that speaks on how the Air District relates to AB32, said the Bay area is

experiencing a very bad summer with 6 violations of air quality and 10 violations over the state standard, and Ms. Roggenkamp noted that today and tomorrow were Spare the Air Days.

Committee Members discussed fires and their impact on ozone, heavy duty trucks outlawed on I-580, trucks entering and leaving the Port of Oakland and their schedule, retrofit/replacement of trucks, incentivizing cleaner trucks and CARB's consideration of an on-road truck rule in October/November. Mr. Broadbent suggested inviting Mr. Richard Sinkoff to a future meeting in order to discuss the Port of Oakland's Maritime Air Quality Improvement Plan.

7. Update on CARE Program

Dr. Phil Martien provided an update on the CARE Program, the West Oakland Health Risk Assessment and implementation of the CARE Mitigation Action Plan. He stated that staff compiled emissions of toxic air contaminants throughout the Bay Area in 2005, discussed the Air District's participation in the West Oakland HRA and presented key findings:

- The West Oakland community is exposed to diesel PM concentrations that are almost three times the estimated background diesel PM concentrations in the Bay Area.
- The estimated lifetime potential cancer risk for residents of West Oakland from exposure to diesel PM emissions is about 1200 excess cancers per million.
- On-road heavy-duty trucks result in the largest contribution to the overall potential cancer risks levels in the West Oakland community, followed (in order) by ships, harbor craft, locomotives, and cargo handling equipment.

Dr. Martien discussed potential cancer risks from Port emissions and non-cancer health impacts from Port diesel PM emissions, CARB findings on risk reduction, the Air District's roles and commitments in West Oakland. He said the CARE Mitigation Action Plan focuses risk reduction activities where they are most needed. It is based on maps of toxic air emissions and sensitive populations. Six impacted communities were identified. The Action Plan includes grant funds, outreach efforts, liaison with local health departments, land use guidance and the Green Ports Initiative.

He discussed incentive funding which includes: \$11 million for replacement and retrofit of heavy-duty diesel engines, \$35 million in Goods Movement Bond (main), \$4 million in Goods Movement Bond (early action), \$11 million in Mobile Source Incentive Fund, \$16 million in TFCA Regional funds, and \$10 million in TFCA County Program Manager funds. He discussed land use guidance, stating that cities and counties have authority over local land-use decisions but that land use guidance will help evaluate health impacts resulting from new development projects and from existing toxic sources, determine when mitigation is required, assist with general plans and project-specific analysis, and provide tools for more informed local decision-making. He said next steps include work with ARB to complete the final West Oakland HRA, conduct truck survey and measurement study, conduct sub-regional and regional modeling, continue to implement the CARE Mitigation Action Plan, and continue dialog with communities.

Committee Members discussed with Dr. Martien the following:

- The number of respiratory cases has risen;

- How ships at ports operate, unload, transfer loads, and the electrification process;
- The existence of possible coding and calculating errors by the Office of Statewide Health Planning and Development (OSHPD) staff which is done by retrospective chart review after the patient has already been discharged and usually by people who are not medically trained, as well as whether data is counted and included for those who go to emergency rooms and receive treatment, and the need for some sort of standardization.
- Modeling and measurement studies which have been done by CARB;
- The Air District's participation in West Oakland HRA;
- The fact that automobile traffic impacts are not factored into the West Oakland HRA which would increase PM emissions;
- Whether the CARE Program was advocating alternative technology and transportation alternatives and looking to streamline efforts of barge distribution of containers to outlining areas to alleviate on-road truck activities. It was noted that Port facilities were not all equipped to handle large volumes of containers;
- The study done by FedEx which tracks data on routes, miles, time delays, and efficiencies for their truck movements;
- Data should be collected based on cumulative or high episodes for non-cancer health impacts rather than averages;
- Sub-regional modeling for the 4 other ports in the Bay Area, focus on review of local scale modeling, and focus on risk reduction activities where they are most needed which include Richmond, Concord, West Oakland, Eastern San Francisco, East Oakland/San Leandro and San Jose;
- Tom Cahill's study on the impacts of landscaping along highways which shows that it can reduce particulate matter. A possible mitigation measure proposed at the State level was to study the effects of vegetation on reducing particles next to housing, and local funding for street tree planting programs;
- Risk from diesel particulate matter and its spatially averaged numbers, benefits of reductions for West Oakland once the on-road truck regulation is adopted;
- Rates of cancers, heart attacks, premature deaths;
- Other strategies used for drayage trucks, the school bus replacement program and approval of a consulting firm to provide outreach and assistance with the application process.

OTHER BUSINESS:

9. Council Member Comments/Other Business

Committee Members individually reported on their participation at the A & WMA Conference in Portland, their preferred sessions and keynote speakers, Portland's transportation system, Portland's use of streetcars and bicycles.

Committee Members suggested that Professor Schneider from Stanford be contacted to speak at its September or October meeting and that Mr. Sinkoff, Director of Environmental Planning, be contacted to provide a presentation on the Port's MAQIP.

Committee Member Kurucz reported that the Bureau of Automotive Repair Program reimburses up to \$1,000 to purchasers of new, non-polluting vehicles.

10. Time and Place of Next Meeting: The next meeting will be held on Wednesday, September 10, 2008, to be held at 939 Ellis Street, San Francisco, CA 94109.

11. Adjournment: The meeting adjourned at 4:40 p.m.

/s/ Lisa Harper
Lisa Harper
Clerk of the Boards