



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

ADVISORY COUNCIL EXECUTIVE COMMITTEE

COMMITTEE MEMBERS

FRED GLUECK, CHAIR
HAROLD BRAZIL, SECRETARY
KEN BLONSKI
KRAIG KURUCZ

LOUISE BEDSWORTH, PH.D - VICE-CHAIR
SAM ALTSHULER P. E
JEFFREY BRAMLETT

TEUSDAY
DECEMBER 4, 2007
9:30 A.M.

716 CONFERENCE ROOM

AGENDA

1. Call to Order – Roll Call
2. Public Comment Period

Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3. The public has the opportunity to speak on any agenda item. All agendas for Advisory Council Committee meetings are posted at the District, 939 Ellis Street, San Francisco, at least 72 hours before a meeting. At the beginning of the meeting, an opportunity is also provided for the public to speak on any subject within the Committee's purview. Speakers are limited to five minutes each.

3. Approval of November 14, 2007 Minutes
4. Discussion of Assignments and Prioritization of Work Topics for 2008

The Committee will discuss assignments and prioritization of work topics for 2008.

5. Committee Member Comments/Other Business

Committee or staff members on their own initiative, or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on their own activities, provide a

reference to staff about factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda.

6. Time and Place of Next Meeting

9:00 a.m. January 9, 2008, Conference Room 716, 939 Ellis Street, San Francisco, CA 94109.

7. Adjournment

FG:cd

**CONTACT CLERK OF THE BOARDS
939 ELLIS STREET SF, CA 94109**

**(415) 749-4965
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov**

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities notification to the Clerk's Office should be given in a timely manner so that arrangements can be made accordingly.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF DISTRICT MEETINGS

DECEMBER 2007

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Committee <i>(Meets 3rd Monday Quarterly)</i>	Monday	3	9:30 a.m.	Board Room
Advisory Council Executive Committee	Tuesday	4	9:30 a.m.	Room 716
Board of Directors Nominating Committee <i>– (At the Call of the Chair)</i>	Wednesday	5	9:30 a.m.	Room 716
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	5	9:45 a.m.	Board Room
Board of Directors Ad Hoc Committee on Port Emissions <i>(At the Call of the Chair)</i>	Thursday	6	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Technical Committee <i>(Meets 2nd Monday of each even Month)</i>	Monday	10	9:00 a.m.	Board Room
Board of Directors Mobile Source Committee <i>– (Meets 4th Thursday of each Month)</i>	Monday	10	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee	Wednesday	12	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Air Quality Planning Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	12	9:30 a.m.	Board Room
Advisory Council Public Health Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	12	1:30 p.m.	Board Room
Board of Directors Climate Protection Committee <i>(Meets 3rd Thursday every other Month)</i>	Thursday	13	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee – Rescheduled to 12/3/07	Monday	17	9:30 a.m.	Board Room
Board of Directors Executive Committee <i>– (At the Call of the Chair)</i>	Monday	17	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	19	9:45 a.m.	Board Room
Board of Directors Legislative Committee <i>(Meets 4th Monday of every Month) – CANCELLED</i>	Monday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee – Rescheduled to 12/12/07	Wednesday	26	9:30 a.m.	4 th Floor Conf. Room

JANUARY 2008

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	2	9:45 a.m.	Board Room
Board of Directors Public Outreach Committee <i>(Meets 1st Thursday every other Month)</i>	Thursday	3	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Executive Committee	Wednesday	9	9:00 a.m.	Room 716
Advisory Council Regular Meeting	Wednesday	9	10:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	16	9:45 a.m.	Board Room
Board of Directors Climate Protection Committee <i>(Meets 3rd Thursday every other Month)</i>	Thursday	17	9:30 a.m.	4 th Floor Conf. Room
Joint Policy Committee	Friday	18	10:00 a.m. – 12:00 p.m.	MTC 101 - 8 th Street Oakland, CA 94607
Board of Directors Budget & Finance Committee <i>(Meets 4th Wednesday of each month)</i>	Wednesday	23	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee – <i>(Meets 4th Thursday of each Month)</i>	Thursday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Legislative Committee <i>(Meets 4th Monday of every Month)</i>	Monday	28	9:30 a.m.	4 th Floor Conf. Room

FEBRUARY 2008

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	Board Room
Advisory Council Technical Committee - <i>(Meets 2nd Monday of each even Month)</i>	Monday	11	9:00 a.m.	Room 716
Advisory Council Air Quality Planning Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	13	9:30 a.m.	Board Room
Advisory Council Public Health Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	13	1:30 p.m.	Board Room
Joint Policy Committee	Friday	15	10:00 a.m. – 12:00 p.m.	BCDC 50 California St., 26 Fl. San Francisco, CA
Board of Directors Stationary Source Committee <i>(Meets 3rd Monday Quarterly)</i>	Monday	18	9:30 a.m.	Board Room
Board of Directors Climate Protection Committee <i>(Meets 3rd Thursday every other Month)</i>	Thursday	15	9:30 a.m.	4 th Floor Conf. Room

FEBRUARY 2008

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room
Board of Directors Legislative Committee <i>(Meets 4th Monday of every Month)</i>	Monday	25	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee - <i>(Meets 4th Wednesday of each month)</i>	Wednesday	27	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee - <i>(Meets 4th Thursday of each Month)</i>	Thursday	28	9:30 a.m.	4 th Floor Conf. Room

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11/27/07 (9:25 a.m.)
P/Library/Forms/Calendar/Calendar/Moncal

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

DRAFT MINUTES

Advisory Council Executive Committee
9:00 a.m., Wednesday, November 14, 2007

1. **Call to Order – Roll Call:** Chairperson Glueck called the meeting to order at 9:10 a.m.
Present: Fred Glueck, Chairperson, Sam Altshuler, Louise Bedsworth, Ph.D., (9:20 a.m.), Ken Blonski, Harold Brazil, Jeffery Bramlett, Kraig Kurucz, (9:25 a.m.), and Emily Drennen.
2. **Public Comment Period:** There was none.
3. **Approval of August 9, 2007 Minutes:** Mr. Bramlett moved approval of minutes, second by Mr. Altshuler carried unanimously.
4. **Committee Reports:**
 - A) Technical Committee meeting of October 1, 2007: Mr. Altshuler reported that staff invited Dr. Marc Fischer to present on issues of Greenhouse Gas Emission. Mr. Altshuler stated that he had observed that methane is on the increase and asked staff to research it. Dr. Fischer presented in more detail methane trends. The observation is that methane has increased in the planning area. Dr. Fischer also spoke about N₂O and other GHGs. He also noted that CO₂ is the predominant GHG including others that have some potency factors that call for more evaluation. The Committee's next meeting is scheduled for December 10, 2007.
 - B) Air Quality Planning Committee Meeting of October 10, 2007: Mr. Blonski reported that three excellent speakers presented before the Committee on Congestion pricing as the strategy for a market based approach to transportation; David Burch, Principal Environmental Planner, Air District, gave an overview of the approaches that are being taken by the Air District. Jean Hart, Executive Director, of the I-680/Sunol Carpool Lane; explained the project in the Sunol area and gave an update on hotline. Elizabeth Bent, Senior Transportation Planner, San Francisco County Transportation Authority, gave a presentation on mobility access and a pricing study for downtown San Francisco as well as the Doyle Drive value pricing program. Emily Drennen, a Committee member drafted a proposed resolution regarding development of a policy by the Air Board relating to Congestion Pricing that will be presented to the Council in January. Also a

preliminary draft of the resolution was handed to members of the Committee. The next Committee meeting is scheduled for December 12, 2007.

- C) Public Health Committee Meeting of October 10, 2007: Mr. Bramlett reported that the Committee continued discussion on Indoor Air Quality and Asthma; some documents on Indoor Air Quality from 2002 to date are being researched by the Committee to be able to complete the draft recommendation to present to the Council by early January 2008. Mr. Bramlett also reported that Dr. Janice Kim gave a presentation on Health Effects of Traffic Exposures. The next Committee meeting is scheduled for December 12, 2007.
- D) Executive Committee meeting of November 14, 2007: Mr. Brazil reported on the Executive Committee meeting he attended for Mr. Glueck. He stated that the Board Executive Committee welcomed the Advisory Council Restructuring but expressed concern with regards to additional work by Air District staff.

At this point, Chairperson Glueck noted to Council members whose terms are expiring, the Board Personnel Committee will forward recommendations to the full Board at its next meeting of December 5, 2007.

- 6. **Discussion of Study Topics Referred by Staff and the Board:** Discussion on items 6 and 7 were combined. Chairperson Glueck announced that he met with Mr. Jack Broadbent, Air Pollution Control Officer (APCO) of the Air District. Mr. Broadbent specified that the issues facing the Air District are as follows:

- 1. Climate Protection
- 2. Community Air Risk Evaluation (CARE) Program
- 3. Particulate Matter Control and Wood Smoke Control Strategy
- 4. Spare the Air Day/Tonight Mitigation Measures
- 5. Asthma and Indoor Air Quality

Chairperson Glueck put across to the Committee members how Climate Protection issue will be interfaced with the Committees' initial goals and topically arrange the various topics that members developed to suit the Air District's issues listed above.

Mr. Bramlett reaffirmed that the Council restructuring was for the purpose of efficient time management, and sought input from Jean Roggenkamp, Deputy Air Pollution Control Officer, on how to work with the issues facing the Air District and incorporate them with the list that the Council members generated.

Ms. Roggenkamp spoke on wood smoke as an issue and the workshops being held at this time. She stated that if the Air District Board adopts a rule on wood smoke, the Council can go from there.

Mr. Bramlett added that to develop a work plan, it would be good for the Council to get feedback on the workshops from staff.

Based on the role of the Advisory Council to the Air District as advocacy, supportive or Advice, Ms. Roggenkamp clarified that the expert knowledge gained from various presenters go a long way in helping staff do their job at the Air District.

Mr. Bramlett advised that the Council members' list be categorized and matched with that of the APCO.

Dr. Bedsworth confirmed that it will be easier to categorize the Council members list in a small group, such as the Executive Committee instead of in a full Council meeting. The Committee agreed to present to the Council the Committee's consensus of matching the Council's list with the list given by the APCO for discussion at the January 9, 2008 retreat.

- 5. Discussion and Adoption of Recommendation of Slate of Officers for 2008:** The Committee recommended appointment of Dr. Louise Bedsworth as the Council Chair, Mr. Harold Brazil as the Vice and Mr. Bramlett as the Secretary.

Chairperson Glueck moved approval of the recommendation of the slate of officers to the full Council, second by Mr. Blonski carried unanimously.

- 8. Committee Member Comment/Other Business:** There was none.

- 9. Time and Place of Next Meeting:** 9:00 a.m., January 9, 2008, Conference Room 716, 939 Ellis Street, San Francisco, CA 94109.

- 10. Adjournment:** The meeting adjourned at 10:04 a.m.

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Acting Executive Secretary

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Glueck and Members of the Executive Committee
From: Jack Broadbent, Executive Officer/Air Pollution Control Officer
Date: November 28, 2007
Re: Key Issues Facing the Air District Continued for 2008

RECOMMENDATION

Air District staff is recommending that the following issues/priorities submitted last year be continued in 2008.

- 1) Climate Protection
- 2) Community Air Risk Evaluation (CARE) Program
- 3) Particulate Matter Control and Wood Smoke Control Strategy
- 4) Spare the Air Day/Tonight Mitigation Measures
- 5) Asthma & Indoor Air Quality

BACKGROUND

California Health and Safety Code Section 40261 specifies that the Advisory Council, as one of its duties, is to advise and consult with the Air Pollution Control Officer. The issues outlined above are those on which the Air Pollution Control Officer requests continued advice from the Advisory Council.

DISCUSSION

During the Advisory Council Executive Committee senior management will be available to discuss and answer questions of Committee pertaining to the issues outlined.

JPB:cd

Bay Area Air Quality Management District
939 Ellis Street
San Francisco, California 94109

November 14, 2007

To: The Executive Committee
From: Council Members
Re: Council Members Topics for Consideration for 2008

The following are topics for consideration from the Advisory Council Members.

1. Advisory Council to assist BAAQMD in determining projects to fund in a possible regional gas tax or fee ballot measure, as noted below:

“Jack Broadbent, executive officer of the Bay Area Air Quality Management District, stressed that no decision has been made on how, or if, to proceed. However, he said, he expects a proposal to be developed over the next year. In all likelihood, the earliest a plan could go before voters would be 2009.

He said his agency has a number of ideas on how to put additional revenue to use. For example, he said, the agency could expand its program to retire older, polluting vehicles and to install remote sensors on the roadways that detect and identify high-polluting vehicles.”

Cited from:

Officials hope voters might favor gas tax boost to fight warming

Rachel Gordon, Chronicle Staff Writer

Friday, October 5, 2007

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2007/10/05/MNJ2SKB78.DTL&type=politics>

2. BAAQMD efforts to assist THE REGION to measure and reduce GHG emissions.

As it stands now, each city and county seems to be spearheading its own effort, and I don't see BAAQMD mentioned much by them.

I would like to see the district play a lead role in monitoring GHG just as it does criteria pollutants.

In addition, it would be great if the District could coordinate all the individual municipal programs aimed at reducing carbon emissions.

3. Evaluate new efforts to reduce transportation-related GHG emissions, including land use and development. While the Indirect Source Review strategy aims to evaluate and mitigate criteria air pollutants from new developments, it could be extended the GHGs as well.

Congestion pricing is another strategy, especially when applied regionally, as in HOT lanes.

Officials hope voters might favor gas tax boost to fight warming.

4. Highlight mobile source contribution to PM, GHG emissions and criteria pollutants and runoff of detergents and oils to stormwater. Can we influence reductions in any of the emissions and get synergy through fuel efficiency and reductions in VMT.
5. Investigate synergies between Greenhouse gas emissions and traditional criteria pollutant control programs. Can we look at energy efficiency measures to reduce and GHG and criteria pollutants and somehow reward making the right choices? Are there options to traditional thermal abatement of VOC s and toxics? Investigate models regarding trade-offs in green house gas programs and ozone reduction programs.
6. Localized impacts of air toxics. Follows up on CARE program by geography.
7. Reducing Speed Limit --- studies have proved that driving at higher speeds (say above 55 mph) consumes more gasoline. We should consider advocating lowering the state speed limit to reduce energy consumption and therefore, greenhouse effects/global warming.
8. Continued discussion about energy choices and the impacts on air quality and climate change, paying particular attention to unintended consequences of using one fuel over another.
9. Expanded discussion about ultrafine PM including sources and relative health effects of different PM. Should more focus be brought on ultrafine PM resulting from lube oil use in automobile and diesel engines? Also, should the district embark on a measurement of PM numbers rather than strictly mass and size?
10. Review current location of air monitoring equipment within Bay Area. Should the monitoring network be reconfigured or expanded to include areas with significant growth to provide information for assessing potential public health impacts? For example, should PM monitoring be conducted in the San Ramon, Danville, Alamo, or Tri-valley area as a result of wood smoke and automobile emissions in area of significant population and traffic growth? What about around water ports?
11. Air Quality benefits in the Bay Area of High Speed Rail vs. increased Air Traffic,
12. The relationship of population to Air Quality in the Bay Area.
13. Separating Hype from Reality- identifying the low hanging fruit of Air Quality.
14. Evaluation of the impact of the goods movement on local & regional air quality in the bay area with implications for health impacts: case studies to include West Oakland
15. Review/prioritization of collaborative strategies across state, local, federal agencies to achieve/maintain regional and local air quality and reduce green house gas emissions in the bay area with a focus on the transportation sector: Case studies to include efforts in other urban cities in the US & other nations.
16. Evaluation of land use policies and smart growth policies as a strategy to improve air quality.

17. Pertaining to the recently passed Off-Road Regulation at CARB (related to construction equipment):

Opt into SOON – as in the South Coast – to achieve extra emission reductions through incentive programs, before the regulation kicks in.

18. Update CEQA Guidelines.

19. Take into account cumulative impacts from multiple sources of pollution in a single community by developing a program to cap permits in these polluted areas.

20. Work with Ditching Dirty Diesel Collaborative to enforce idling regulations for trucks/buses.

21. Relative costs of alternative fuels including the oil equivalent to produce them.

22. Possibility of using rail transport to reduce emissions and road congestion in the Central Valley corridor. I can't think of a third at this time.

Background:

Building codes are designed to regulate “health and safety” issues of new construction and remodeling, but they currently don't address air quality issues except under Prop 65(?), which requires that a notice be posted on new buildings alerting its occupants that some of the products (especially finishes and furnishings) used may be harmful to their health. Unlike tobacco smoke, a building's occupants have no control over the air emissions from these products. Furthermore, the toxic ingredients in these products are often not disclosed, so that the design community can't specify better products because they are unable to find out what the ingredients are. Some testing has been done of some products, but the results are not widely known nor disseminated. So....

Things that can be done to improve this situation:

23. Gather together existing emissions tests of various building products and make them available to the design community.

24. Propose regulations to limit the amount of toxic emissions in these products, similar to what's been done with the VOC's in paints.

25. A long-term goal would be to change current regulations to require construction product manufacturers to provide emissions test data on all their building products. These tests should also show the change in emissions over time.

26. Investigate ways to augment and enhance the California Energy Commission's Efficient Vehicle Incentive program [which provides incentive program for hybrid-electric and natural gas passenger vehicles].

27. Identify emission reduction strategies needed for the region to attain the new federal NAAQS for PM2.5.

28. Revisit and [as needed] improve cost effectiveness measurement techniques for emission reduction projects and strategies.
29. Bay Area transit funding and how the Air District does/can help transit. This is a carry-over from this year's Planning Committee agenda that we won't be able to get to. This is a really important issue.
30. Air quality for pedestrians and bicyclists in urban centers in the Bay Area (Inc. cigarette smoke on sidewalks). Very little is known about air quality impacts on those not in cars. Data collection of this sort would help jurisdictions as they deliberate about banning smoking in public and private outdoor spaces. It would also help jurisdictions create bus shelters, etc, that better protect pedestrians and bus riders from exhaust.
31. Congestion pricing, HOT lanes, and other innovative transportation pricing policies: Since so many of these tools are new, it is important that the Air District develop policy statements to guide the organization's support of these kinds of projects. This is especially critical given the multitude of social equity issues that these kinds of projects engender.
32. Update of district air-quality modeling issues, including 8-hr ozone exceedances, PM-ozone interactions, inter-basin transport, toxics, real-time ozone forecasts, and downscaled regional climate change impacts.