



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

ADVISORY COUNCIL REGULAR MEETING

WEDNESDAY
SEPTEMBER 12, 2007
10:00 A.M.

SEVENTH FLOOR BOARD ROOM
939 ELLIS STREET
SAN FRANCISCO, CA 94109

AGENDA

CALL TO ORDER

Opening Comments
Roll Call

Fred Glueck, Chairperson
Clerk

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 meetings and 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 Council's or Committee's purview. Speakers are limited to five minutes each.

CONSENT CALENDAR

1. Approval of Minutes of July 11, 2007

COMMITTEE REPORTS

- | | |
|---|---------------|
| 2. Technical Committee Meeting of August 6, 2007 | Sam Altshuler |
| 3. Air Quality Planning Committee | Ken Blonski |
| 4. Public Health Committee | Jeff Bramlett |
| 5. Executive Committee Meetings of July 11, 2007 and August 9, 2007 | Fred Glueck |

PRESENTATION

6. Presentation and Recommendation of Advisory Council Committee Restructuring

Louise Bedsworth, Ph. D.

Dr. Bedsworth will present a proposal for restructuring Advisory Council Committees as discussed at the Executive Committee meeting of August 9, 2007 for Advisory Council consideration and approval.

AIR DISTRICT OVERVIEW

7. Report of the Executive Officer/APCO

Jack P. Broadbent

Mr. Broadbent will provide an update on pending and planned District activities, policies and initiatives.

OTHER BUSINESS

8. Report of Advisory Council Chair

Fred Glueck

9. Council Member Comments/Other Business

Council 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.

10. Time and Place of Next Meeting

10:00 a.m., Wednesday, November 14, 2007, 939 Ellis Street, San Francisco, CA 94109.

11. Adjournment

FG:cd

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

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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

SEPTEMBER 2007

<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	5	9:45 a.m.	Board Room
Board of Directors Public Outreach Committee (<i>Meets 1st Thursday every other Month</i>) - CANCELLED	Thursday	6	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Executive Committee	Wednesday	12	9:00 a.m.	Room 716
Advisory Council Regular Meeting	Wednesday	12	10:00 a.m.	Board Room
Board of Directors Executive Committee (<i>At the Call of the Chair</i>)	Thursday	13	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Climate Protection Committee (<i>Meets 3rd Thursday every other Month</i>)	Thursday	13	Immediately Following Board Executive Cme. meeting	4 th Floor Conf. Room
Board of Directors Stationary Source Committee (<i>Meets 3rd Monday quarterly</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 Climate Protection Committee – (<i>Meets 3rd Thursday every other Month</i>) – RESCHEDULED TO SEPTEMBER 13, 2007	Thursday	20	9:30 a.m.	4 th Floor Conf. Room
Joint Policy Committee	Friday	21	10:00 a.m. – 12:00 p.m.	St. Mary's Cathedral 1111 Gough Street San Francisco, CA
Board of Directors Legislative Committee (<i>Meets 4th Monday of every Month</i>)	Monday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee (<i>Meets 4th Wednesday of each month</i>)	Wednesday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee – (<i>Meets 4th Thursday of each Month</i>)	Thursday	27	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Public Outreach Committee (<i>Meets 1st Thursday every other Month</i>)	Thursday	27	Immediately Following Board Mobile Source Committee Meeting	4 th Floor Conf. Room

OCTOBER 2007

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Advisory Council Technical Committee Meeting <i>(Meets 2nd Monday of each even Month)</i>	Monday	1	10:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	3	9:45 a.m.	Board Room
Advisory Council Air Quality Planning Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	10	9:30 a.m.	Room 716
Advisory Council Public Health Committee <i>(Meets 2nd Wednesday of each even Month)</i>	Wednesday	10	1:30 p.m.	Room 716
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	Board Room
Board of Directors Legislative Committee <i>(Meets 4th Monday of every Month)</i>	Monday	22	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets 4th Wednesday of each Month)</i>	Wednesday	24	9:30.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>– (Meets 4th Thursday of each Month)</i>	Thursday	25	9:30 a.m.	4 th Floor Conf. Room

NOVEMBER 2007

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Public Outreach Committee <i>(Meets 1st Thursday every other Month)</i>	Thursday	1	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	7	9:45 a.m.	Board Room
Advisory Council Executive Committee	Wednesday	14	9:00 a.m.	Room 716
Advisory Council Regular Meeting	Wednesday	14	10:00 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
Joint Policy Committee	Friday	16	10:00 a.m. – 12:00 p.m.	MTC 101 - 8 th Street Oakland, CA 94607
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	21	9:45 a.m.	Board Room
Board of Directors Legislative Committee <i>(Meets 4th Monday of every Month)</i>	Monday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets 4th Wednesday of each month)</i>	Wednesday	28	9:30 a.m.	4 th Floor Conf. Room

hl
8/28/07 (8:10 a.m.)

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

DRAFT 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, MPH, 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; organizations are opposing the construction because it is out of compliance due to offsetting its emission credit; 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; 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.

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Acting Executive Secretary

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Fred Glueck and
Members of the Advisory Council

From: Louise Bedsworth
Vice-Chairperson

Date: September 6, 2007

Re: Consideration and Approval of Advisory Council Committee Restructuring
Recommendation

RECOMMENDED ACTIONS

The Executive Committee recommends approval of Advisory Council Standing Committee restructuring based on expertise and the renaming of Committees.

DISCUSSION

The Advisory Council Executive Committee met on Thursday, August 9, 2007, to discuss possibly restructuring the Advisory Council standing committees. In its current form, the Advisory Council has four standing committees: Executive, Technical, Air Quality Planning, and Public Health. Committee workplans are developed each January based on input from the Executive Officer/APCO on topics that the Advisory Council should consider over the coming year. Topics are divided among the committees based on discussion of the full Council.

The motivation for considering restructuring the committees came from a desire to:

1. Allow the Advisory Council to make the best use of its time. It has been noted that each committee meets only six times a year and over the last year, each of the committees have provided input on many of the same topics. This has led to a large number of joint meetings as well as somewhat lengthy consideration of recommendations as some issues end up being re-referred to another committee.
2. Design an organizational structure for the committees that would best address the topics deemed important by the Air District.

The Advisory Council membership consists of 20 members representing 18 disciplines and is designed to provide input on all topics to the Air District. Committees are currently not aligned with the structure of either the District or the Committees of the Governing Board. This broader committee structure allows the council to deal with overarching issues. In the past, there have been two main areas that the Advisory Council has provided input on: issues related to standards and regulation and issues related to public health. Overall, recommendations are most effective when they are complete and on time.

Based on the Executive Committee discussions, two organizational structures seemed to present themselves as options for the committees.

1. **Organization by Topic:** Establish committees that are organized along topical lines (e.g., climate change or port activities) and blend areas of expertise to address topical issues.
2. **Organization by Expertise:** Similar to the current structure, establish committees that concentrate expertise.

The following characteristics of the two options were discussed by the committee:

Organizational structure	
Topical	Expertise
<ul style="list-style-type: none"> - Could align directly with district goals - Reduce overlapping topics and joint meetings - Less flexibility to consider new topics - Could dilute committee member expertise by spreading it out across topical areas 	<ul style="list-style-type: none"> - Allows flexibility as new topics arise - Maintains depth and variation in expertise - Better aligned with members' expertise - Topics will often be referred to more than one committee - Requires coordination between committees to define areas of consideration and development of recommendations

RECOMMENDATION:

Based on Executive Committee discussions a consensus from the Committee was to recommend a committee structure based on expertise. The structure would consist of four standing committees, but be supplemented with topical Ad Hoc committees on an as-needed basis (e.g., port emissions). The general consensus was that we could increase the effectiveness of the committees by strengthening our planning process and better defining the scope and description of each of the committees. This is reflected both in the committee names and scope listed in the table below.

Committee Name	Scope
Executive	Advisory Council workplan, integration and coordination across committees
Atmospheric Sciences and Source Emissions	Understanding inventories, measurement, meteorology, chemistry, and removal for model evaluation
Public Health and Outreach	Public health impacts and standards
Planning, Transportation, and Energy	Source control, fuels, energy, transportation, and land-use planning

In addition, to better define standing committees scope and responsibilities, the Committee set several other goals to attempt to improve committee effectiveness and the efficiency of the Advisory Council. These include:

1. Use of Ad Hoc Committees as needed:

The Advisory Council has the authority to create ad hoc committees as needed. Such committees could be used to combine expertise to address a cross-disciplinary topic or concentrate expertise to consider a topic that needs to be covered in depth. Like the standing committees, an ad hoc committee can make a recommendation for the full council to adopt. Ad hoc committees are not subject to the same Brown Act provisions as the standing committees (e.g., noticing, quorum, etc.). Ad hoc committees need to be used judiciously to maintain openness of committee deliberations and minimize demands on district staff.

2. Better Definition of Topics and Division of Labor between Committees at the January Retreat and Throughout the Year:

The Executive Officer/APCO provides a list of topics for the Advisory Council in January for the Council to consider throughout the year. The Committee would like to move this identification of topics slightly earlier if possible, such as to November. Even if this is not possible, we will use the January retreat to better define what elements of a given topic each committee will consider. This will be particularly important for topics that are referred to more than one committee. Coordination between the committees will be maintained through regular updates at the Executive Committee meetings. The goal of this effort will be to cut down on the overlaps between what each committee considers and to ease coordination between committees.

3. Better use of Advisory Council Meetings to Cover Topics of Interest to Several Committees who are Working on Different Aspects of the Same Topic:

For topics that are referred to more than one committee, we will make better use of the full Advisory Council meetings for the presentation and discussion of information that will be of use to more than one committee. This will help to cut down on the need for joint committee meetings and allow committees to remain focused on their defined tasks. In addition, the committees and full Council will be starting from a common knowledge base, which should facilitate the Council's consideration of recommendations.

Respectfully submitted,

Louise Bedsworth, Ph. D.
Vice-Chair