



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## ADVISORY COUNCIL EXECUTIVE COMMITTEE

### COMMITTEE MEMBERS

WILLIAM HANNA, CHAIRPERSON  
ROBERT HARLEY, PH.D.  
ROBERT SAWYER, PH.D., P.E.

ELINOR BLAKE, VICE-CHAIRPERSON  
KRAIG KURUCZ  
BRIAN ZAMORA

WEDNESDAY  
JULY 9, 2003  
9:00 A.M.

ROOM 716

### AGENDA

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

*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 Minutes of March 12 and May 14, 2003**
- 4. Standing Committee Chair Reports on Committee Work Plans and Recommendations**

*The Committee will discuss the work plans of the Standing Committees and their recommendations on pending matters, as well as areas in which the Committees may work jointly on common topics.*

- 5. Staff Comments on Items of Upcoming Importance**

*District staff will identify issues on the horizon for Council consideration.*

- 6. 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.*

## **7. Time and Place of Next Meeting**

*9:00 a.m., Wednesday, September 10, 2003, Conference Room 716, 939 Ellis Street, San Francisco, CA 94109.*

## **8. Adjournment**

BZ:jc

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

**(415) 749-4965**

**FAX: (415) 928-8560**

**BAAQMD homepage:**

**[www.baaqmd.gov](http://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 within three working days of the meeting, so that arrangements can be made accordingly.

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

**CLERK OF THE BOARDS OFFICE:**  
**MONTHLY CALENDAR OF DISTRICT MEETINGS**  
**JULY 2003**

<b>TYPE OF MEETING</b>	<b>DAY</b>	<b>DATE</b>	<b>TIME</b>	<b>ROOM</b>
<b>Board of Directors Regular Meeting</b>	<b>Wednesday</b>	<b>2</b>	<b>9:45 a.m.</b>	<b>Board Room</b>
<b>Advisory Council Executive Committee</b>	<b>Wednesday</b>	<b>9</b>	<b>9:00 a.m.</b>	<b>Room 716</b>
<b>Advisory Council Regular Meeting</b>	<b>Wednesday</b>	<b>9</b>	<b>10:00 a.m.</b>	<b>Board Room</b>
<b>Board of Directors Mobile Source Committee</b>	<b>Thursday</b>	<b>10</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Legislative Committee</b>	<b>Monday</b>	<b>14</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Regular Meeting</b>	<b>Wednesday</b>	<b>16</b>	<b>9:45 a.m.</b>	<b>Board Room</b>
<b>Board of Directors Executive Recruitment Ad Hoc Committee</b>	<b>Wednesday</b>	<b>16</b>	<b>Immediately following the Regular Board Meeting</b>	<b>Room 716</b>
<b>Board of Directors Stationary Source Committee - CANCELLED-</b>	<b>Wednesday</b>	<b>16</b>	<b>10:30 a.m.; or immediately following the Regular Board Meeting</b>	<b>Board Room</b>
<b>Advisory Council Air Quality Planning Committee</b>	<b>Tuesday</b>	<b>22</b>	<b>9:30 a.m.</b>	<b>Room 716</b>
<b>Board of Directors Budget &amp; Finance Committee</b>	<b>Wednesday</b>	<b>23</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Executive Committee</b>	<b>Wednesday</b>	<b>30</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>

MR:mr  
6/25/03 (11:35 a.m.)  
P/Library/Calendar/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
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**(415) 771-6000**

**CLERK OF THE BOARDS OFFICE:**  
**MONTHLY CALENDAR OF DISTRICT MEETINGS**  
**AUGUST 2003**

<b>TYPE OF MEETING</b>	<b>DAY</b>	<b>DATE</b>	<b>TIME</b>	<b>ROOM</b>
<b>Board of Directors Regular Meeting</b> - CANCELLED -	<b>Wednesday</b>	<b>6</b>	<b>9:45 a.m.</b>	<b>Board Room</b>
<b>Advisory Council Technical Committee</b>	<b>Thursday</b>	<b>7</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Public Outreach Committee</b>	<b>Monday</b>	<b>11</b>	<b>9:45 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Advisory Council Public Health Committee</b>	<b>Monday</b>	<b>11</b>	<b>1:30 p.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Mobile Source Committee</b>	<b>Thursday</b>	<b>14</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>
<b>Board of Directors Regular Meeting</b> - CANCELLED -	<b>Wednesday</b>	<b>20</b>	<b>9:45 a.m.</b>	<b>Board Room</b>
<b>Board of Directors Budget &amp; Finance Committee</b>	<b>Wednesday</b>	<b>27</b>	<b>9:30 a.m.</b>	<b>4<sup>th</sup> Floor Conf. Room</b>

MR:hl  
7/01/03 (11:00 a.m.)  
P/Library/Calendar/Moncal

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

DRAFT MINUTES

Advisory Council Executive Committee Meeting  
9:00 a.m., Wednesday, March 12, 2003

1. **Call to Order – Roll Call.** 9:03 a.m. Quorum Present: William Hanna, Chairperson, Elinor Blake, Rob Harley, Ph.D., Kraig Kurucz, Robert Sawyer, Ph.D., P.E., Brian Zamora.
2. **Public Comment Period.** There were no public comments.
3. **Approval of Minutes of January 8, 2003.** Ms. Blake moved approval of the minutes; seconded by Mr. Zamora; carried.
4. **Standing Committee Chair Reports on Committee Work Plans and Recommendations.** Mr. Zamora reported that the Public Health Committee met on February 10 and March 10 to receive and discuss presentations on the optical remote monitoring equipment at the ConocoPhillips refinery in Rodeo. At the first meeting, a representative from the company that installed the equipment apprised the Committee on its attributes. At the second, Contra Costa County Health Services (CCCHS) staff described the county website which will soon post the data generated from the system. In the future, the Committee will receive input on this system from community and environmental groups near the refinery. At today's Council meeting, the Technical Committee will comment on the Public Health Committee's particulate matter (PM) abatement recommendations.

Dr. Harley stated the Technical Committee met on February 4 and developed a list of intermittent ozone control strategies for the District's summer Spare the Air (STA) program. It also reviewed the Public Health Committee's recommendations on particulate matter abatement. It endorsed the inclusion in the ordinance of fireplace change-out to natural gas or EPA-certified equipment upon change of home ownership. From a technical perspective, this will further abate PM. The Committee was concerned over the recommendation to lower the PM trigger for the winter Don't Light Tonight (DLT) program because this could initiate advisories too frequently and lessen the impact of the program. The Committee considered the matter of NO<sub>2</sub> emissions from PM traps retrofitted on buses and heavy-duty diesels. It concluded that while there is a trade-off between increased NO<sub>2</sub> and reduced PM emissions, further information on this issue is needed.

The Committee reviewed the Air Quality Planning Committee's (AQPC) recommendations on improving the enhanced vehicle inspection and maintenance (I&M) program that will be implemented in the Bay Area. It agreed that there are benefits to improving the program and felt that targeting the program to reduce hydrocarbons upwind of Livermore was especially important.

Lastly, the Committee reviewed the proposal from the Sonoma County Climate Protection Campaign (SCCPC) that the District allocate \$25,000 to support its greenhouse gas emission inventory work. The Committee felt the proposal was conceptually acceptable but was concerned over its insufficient linkage to air quality and lack of coordination with the existing state program.

Mr. Kurucz stated the AQPC met on February 25 and completed its recommendations on I&M. It also reviewed and added to the Technical Committee's list of proposed summer ozone intermittent control measures. The Committee found that the SCCPC duplicated both the state and District staff's efforts. It recommends the District not allocate the \$25,000 but instead that staff work with the SCCPC to identify other sources of seed money from within the Transportation Fund for Clean Air, which the County annually receives from the Air District. Such funds may in turn be used to leverage additional funding for the SCCPC.

The Committee agreed on the following regarding the Action Items at the Council meeting:

- The Air Quality Planning Committee will move the adoption of its recommendations on the SCCPC proposal, and comments from the Technical Committee will immediately follow.
- The Technical Committee will present its list of intermittent control measures. As a friendly amendment, the AQPC will propose to add its supplemental list of control measures.
- The Public Health Committee will move the recommendations on PM abatement, to which the Technical Committee will propose its amendments. Mr. Zamora noted that the proposal to lower the PM threshold that triggers a DLT advisory strives toward greater public health protection. This is distinct from the program delivery issues discussed earlier. Ms. Blake added that the recommendation only urges staff to develop a plan to lower the threshold.
- The AQPC will move its recommendations on improving enhanced I&M, to which the Technical Committee's suggestions may be added as a friendly amendment. Dr. Harley emphasized that the Technical Committee believes the state's emission factor (EMFAC) model should not be used to evaluate I&M as it merely replicates its own built-in assumptions on I&M. The use of data from remote sensing "Smart Signs" and on-road testing data from the Bureau of Automotive Repair would help over time to rectify the disjunction between real-world emissions and the estimates that are used in mobile source emission modeling.

5. **Committee Member Comments/Other Business.** Chairperson Hanna briefly reviewed the status of the application process for current Architecture and Organized Labor vacancies on the Council. With today's departure of Council member Nack, a position on the Applicant Selection Working Group becomes vacant. Ms. Blake offered to fill it, and Chairperson Hanna so ordered.

Chairperson Hanna indicated that six positions have been budgeted for the Advisory Council at the forthcoming Air & Waste Management Annual Exhibition & Meeting. Eligibility priority will be given to Council members who have not previously attended this meeting.

6. **Time and Place of Next Meeting.** 9:00 a.m., Wednesday, May 14, 2003, 939 Ellis Street, San Francisco, California 94109.
7. **Adjournment.** 9:54 a.m.

James N. Corazza  
Deputy Clerk of the Boards

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

**DRAFT MINUTES**

Advisory Council Executive Committee Meeting  
9:00 a.m., Wednesday, May 14, 2003

1. **Call to Order – Roll Call.** 9:08 a.m. Quorum Not Present: William Hanna, Chairperson, Elinor Blake, Robert Sawyer, Ph.D., P.E. Absent: Rob Harley, Ph.D., Kraig Kurucz, Brian Zamora.  
  
**Also Present:** Stan Hayes.
2. **Public Comment Period.** There were no public comments.
3. **Approval of Minutes of March 12, 2003.** There being no quorum present, approval of the minutes was deferred to the next meeting.
4. **Standing Committee Chair Reports on Committee Work Plans and Recommendations.** Ms. Blake presented the report of the Public Health Committee and stated that the Committee heard a presentation from Jim McGrath of the Port of Oakland on maritime emissions. In addition, Victor Douglas, Air Quality Specialist, Compliance and Enforcement Division, presented information to the Committee on AB 2650 (Lowenthal) that limits truck idling at three shipping ports in California (Oakland, Long Beach and Los Angeles) to 30 minutes. Ms. Blake announced that the Committee would be meeting next week in Rodeo and would receive input from community groups who are interested in refinery emissions and fence line monitoring. All members of the Advisory Council will be invited to attend this meeting.

Chairperson Hanna presented the report of the Technical Committee and stated that the Committee received a presentation on refinery flares and that the Western States Petroleum Association (WSPA) has provided reference materials on Refinery Flaring for the Committee to review. The Committee looked at the technical aspects of how the flares work and when they flare. Dr. Sawyer noted that there is disagreement on how much the flares put out. Peter Hess, Deputy APCO, stated that combustion efficiency is a key issue. Mr. Hess noted that the Flare Monitoring rule would go to the Board of Directors on May 21<sup>st</sup>. Mr. Hess stated that there are studies throughout the United States and in Canada on the issue of combustion efficiency. Staff will make a presentation to the Technical Committee on the issue of what is being done to measure efficiency. Mr. Hess stated that there are many factors involved in measuring efficiency, such as wind, the VOC composition of the material going in the flare, and how fast it is coming out the flare tip. Mr. Hess reported that in July a remote sensing device would be used at a facility in Canada and Air District staff will be looking at it. Mr. Hess stated that the staff would like to take the Marine Loading Technical Assessment document to the Technical Committee.

Mr. Hess presented a report on the Air Quality Planning Committee and stated that the Committee has been following the legislation closely, which includes California Clean Air Act (CCAA) amendments and the issues of Inspection and Maintenance (I & M). Mr. Hess noted there are

many environmental bills in the legislature. At the next meeting of the Committee, there will be continued discussions on legislation. Staff will present a status report on the I & M improvements, which will be taken to the I & M Review Committee. Ms. Blake noted that a report on the California Air Resources Board (CARB) proposed changes to pollutant transport regulations was given to the Committee.

Chairperson Hanna noted that the resolutions of the Advisory Council were presented to and accepted by the Board of Directors. In addition, the recommendations of the Applicant Selection Working Group on the three new appointments and re-assignment of one category were approved by the full Board. Chairperson Hanna stated that the Sonoma County CO2 registry issue would be taken back to the Board on June 4, 2003. The Particulate Matter report was also accepted by the Board. In response to a question from Ms. Blake, Mr. Hess stated that the I & M report did not require any action. Mr. Hess stated that staff will prepare a report on the Sonoma County Climate Protection Campaign issue and will include the Advisory Council document in that report.

Mr. Hayes opined that if the Board decides they want to move forward on the Sonoma County Climate Protection Campaign, that the Board should require the funding be conditional; such as coordination with the California Climate Action registry that is headquartered in Los Angeles.

**5. Staff Comments on Items of Upcoming Importance.** Mr. Hess stated that maritime emissions are being discussed and that the focus of the discussions by the Council should be on “cold ironing.” There is the issue of when the ships come into port in the Bay Area, should their boilers be turned off or leave the boilers fired. Other areas interested in this topic are Vancouver, Seattle, Los Angeles and Long Beach, and there should be coordination with them. Mr. Hess noted that there would be a conference scheduled in the Fall with the Vancouver/Seattle group and arrangements would be made for a few Council members to go to the conference. Mr. Hess noted that studies have been conducted in Los Angeles and Long Beach and stated there are some issues with the Coast Guard that need to be resolved.

In response to a question from Ms. Blake, Mr. Hess stated that there is legislation that addresses truck idling; tugs are being retrofitted through the Transportation Fund for Clean Air (TFCA); and ground support equipment has been addressed. Mr. Hess stated that the Planning Committee has started discussions on the issue of changing the mode of transport of boxes out of the Port of Oakland by way of trucks to unit trains.

In response to comments from Dr. Sawyer, Mr. Hess stated that the Port of Oakland is looking at a retrofit program for the trucks. Dr. Sawyer stated that the locomotives would be a trade-off since they are uncontrolled and are high emitters. Mr. Hess stated that there is a committee that will study the use of locomotives, similar to the committee that was put together to look at the ferry system. Mr. Hess commented this is an issue that the Council can look at - is it better or not, and if a unit train is a possibility, what conditions or controls should be used with the unit train to take these boxes from the Bay Area to Tracy or the Central Valley.

Ms. Blake noted that cold ironing, which is using the auxiliary diesel, would reduce maritime emissions by 4% and that the bigger issue is marine engines, not just the tugs.

Chairperson Hanna inquired about having a dockside umbilical to provide power to the ship. Mr. Hess stated that when the Navy ships were docked at the City of Alameda, they cold ironed and that is why the City of Alameda put in the power plants, which are still there to provide power to

the Navy. They are well-controlled gas turbine engines. The ships are in port from 24 to 36 hours and the ships that anchor out just idle. Ms. Blake stated that the cold ironing was described as ships using an auxiliary diesel engine for power instead of their main engine while they were in port. Presumably they could plug into something at the dock and use electricity instead and this resulted in the 4% emission reduction. Ms. Blake stated that there should be follow-up on cold ironing, the Council should also remain open to other options.

Chairperson Hanna stated that the Council would be following the unit trains and the cold ironing issues. Mr. Hess noted the District is also looking at the characterization of the maritime emissions, both outside the gate and within the gate, so they can be accurately portrayed in the Ozone Attainment Plan.

Mr. Hess stated that the results of the ozone modeling should be available by the end of the summer and the staff would like to bring that back to the appropriate Committee(s) or the full Council. The District will have the consultant come in and present the results of the modeling. Chairperson Hanna stated that it should come before the full Council in September. Mr. Hess noted that Mr. Altshuler and Dr. Holtzclaw represent the Advisory Council on the Modeling Advisory Committee.

Mr. Hess then provided a report on the toxic tour of May 13<sup>th</sup> .stating the tour was in conjunction with Communities for a Better Environment (CBE) and the Air District. There were about 30 people on the tour, including one Board member. The tour started in Richmond and went to the Crockett area and stopped at the Rodeo refinery. There was discussion on the fence line monitoring and the community wanting access to the results in real time. Ms. Blake opined that the local health departments should be notified when these tours take place. Mr. Hess stated that two people from the Hazardous Materials Commission were on the tour.

6. **Committee Member Comments/Other Business.** In response to a question by Dr. Sawyer, Mr. Hess stated that the Board has started a search for an Executive Officer; the consultant will screen the applicants; and the interviews will take place in late July and/or early August.
7. **Time and Place of Next Meeting.** 9:00 a.m., Wednesday, July 9, 2003, 939 Ellis Street, San Francisco, California 94109.
8. **Adjournment.** 9:45 a.m.

Mary Romaidis  
Clerk of the Boards