



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## ADVISORY COUNCIL REGULAR MEETING

WEDNESDAY  
JULY 11, 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 May 9, 2007

#### COMMITTEE REPORTS

2. Technical Committee Meeting of June 11, 2007 Sam Altshuler
3. Air Quality Planning Committee Meeting of June 13, 2007 Ken Blonski
4. Public Health Committee Meeting of June 13, 2007 Jeff Bramlett
5. Overview of Chairperson, Glueck's Report to the Board of Directors' Executive Committee Meeting of May 30, 2007

*Chairperson Glueck will give an overview of his report to the Board of Directors' Executive Committee.*

## **PRESENTATION**

### **6. Overview of Mobile Source Programs from the State Perspective**

*Staff will present a report to the Council on Mobile Source Programs.*

## **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. Recognition of Peter F. Hess, Deputy Air Pollution Control Officer**

*The Advisory Council will recognize Peter F. Hess for his 33 years of service to the Air District.*

### **9. Report of Advisory Council Chair**

Fred Glueck

### **10. 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.*

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

*10:00 a.m., Wednesday, September 12, 2007, 939 Ellis Street, San Francisco, CA 94109.*

### **12. 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](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 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**

**JUNE 2007**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Legislative Committee</b> <i>(Meets 4<sup>th</sup> Monday of every Month)</i> - CANCELLED	Monday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets 4<sup>th</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	27	9:30.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> – <i>(Meets 4<sup>th</sup> Thursday of each Month)</i> - CANCELLED	Thursday	28	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

**JULY 2007**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	4	9:45 a.m.	Board Room
<b>Board of Directors Mobile Source Committee</b> – <i>(Meets 4<sup>th</sup> Thursday of each Month)</i> - RESCHEDULED TO JULY 18, 2007	Thursday	5	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Advisory Council Executive Committee</b>	Wednesday	11	9:00 a.m.	Room 716
<b>Advisory Council Regular Meeting</b>	Wednesday	11	10:00 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> – RESCHEDULED TO WEDNESDAY, JULY 25, 2007	Wednesday	18	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets 4<sup>th</sup> Wednesday of each month)</i>	Wednesday	18	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> – <i>(Meets 4<sup>th</sup> Thursday of each Month)</i>	Wednesday	18	Immediately Following Budget & Finance Cme. meeting	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Climate Protection Committee</b> – <i>(Meets 3<sup>rd</sup> Thursday every other Month)</i>	Thursday	19	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Joint Policy Committee</b>	Friday	20	10:00 a.m. – 12:00 p.m.	Metro Center Auditorium 101 – 8 <sup>th</sup> Street Oakland, CA 94607

July 2007 continued on next page

## JULY 2007

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Legislative Committee</b> <i>(Meets 4<sup>th</sup> Monday of every Month)</i>	Monday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	25	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets 4<sup>th</sup> Wednesday of each Month)</i> - RESCHEDULED TO JULY 18, 2007	Wednesday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> - <i>(Meets 4<sup>th</sup> Thursday of each Month)</i> - RESCHEDULED TO THURSDAY, JULY 5, 2007	Thursday	26	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Ad Hoc Cme. on Port Emissions</b> <i>(At the Call of the Chair)</i>	Thursday	26	9:30 a.m.	SF Bar Pilots Pier 9, East End San Francisco, CA

## AUGUST 2007

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	1	9:45 a.m.	Board Room
<b>Advisory Council Technical Committee</b> <i>(Meets 2<sup>nd</sup> Monday of each even Month)</i>	Monday	6	9:00 a.m.	Board Room
<b>Advisory Council Air Quality Planning Committee</b> <i>(Meets 2<sup>nd</sup> Wednesday of each even Month)</i>	Wednesday	8	9:30 a.m.	Board Room
<b>Advisory Council Public Health Committee</b> <i>(Meets 2<sup>nd</sup> Wednesday of each even Month)</i> - CANCELLED	Wednesday	8	1:30 p.m.	Board Room
<b>Advisory Council Technical Committee</b> <i>(Meets 2<sup>nd</sup> Monday of each even Month)</i> - RESCHEDULED TO MONDAY, AUGUST 6, 2007	Monday	13	9:00 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	15	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets 4<sup>th</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	22	9:30.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> - <i>(Meets 4<sup>th</sup> Thursday of each Month)</i> - CANCELLED	Thursday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Legislative Committee</b> <i>(Meets 4<sup>th</sup> Monday of every Month)</i> - CANCELLED	Monday	27	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

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6/25/07 (7:55 a.m.)

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Bay Area Air Quality Management District  
393 Ellis Street  
San Francisco, CA California 94104  
(415) 749-5000

DRAFT MINUTES

Advisory Council Regular Meeting  
10:00 a.m., Wednesday May 9, 2007

**CALL TO ORDER**

Opening Comments: Chairperson Glueck called the meeting to order at 10:02 a.m.

Roll Call: Present: Fred Glueck, Chair, Cassandra Adams, Sam Altshuler, Louise Bedsworth, Ph.D., Ken Blonski, Jeffrey Bramlett, Harold Brazil, Irvin Dawid, Emily Drennen, MPH, William Hanna, John Holtzclaw, Ph.D., Janice Kim, MD., Ph.D., Kraig Kurucz, Karen Licavoli-Farnkopf, MPH, and Linda Wiener

Absent: Robert Bornstein, Ph.D., Steven Kmucha, MD., Robert T.P. Huang, Ph.D., Ed Proctor, and Brian Zamora.

**PUBLIC COMMENT PERIOD:** There were three speakers for agenda item number 4.

Duane Godson  
Bay View Hunters Point Community Advocates  
1201 Mendell Street  
San Francisco, CA, 94124

Karen Cohn  
SFDHP & BAEHC  
1390 Market Street, # 230  
San Francisco, CA 94103

Antonio Diaz  
PODER/BAEHC  
474 Valerie Street  
San Francisco, CA 94603

**CONSENT CALENDAR:**

- 1. Approval of Minutes of March 14, 2007:** Mr. Blonski moved approval of the minutes, carried unanimously

## **COMMITTEE REPORTS**

2. **Air Quality Planning Committee of April 11, 2007:** Mr. Blonski reported on the collection of \$55.00 to offset the carbon footprint activities of its members. The money was sent to carbonfund.org. Mr. Blonski also reported that Ted Droettboom from the Association of Bay Area Governments' (ABAG) spoke to the Committee on Focus Growth versus Smart Growth. This views the trend in the recent high real estate market with the region growing at 1% per year; estimated an 60% increase in miles traveled by the year 2020; even with a slower growth and more infill, there will be about a 45% increase. This growth increase will have a significant impact. Dr. Holtzclaw also made a presentation on the Smart Growth Impact on Climate Change Emissions. Dr. Holtzclaw compared four different neighborhood sprawls versus urban areas. Mr. Blonski stated that Emily Drennen will direct the meeting of June 13, 2007 and the focus will be Regional Transit Funding; using the Muni study to see what are the impacts of the concept of free transit.
3. **Technical Committee Meeting of April 16, 2007:** Mr. Altshuler reported that the Committee did two basic things. 1) The Committee created a table comparing the South Coast Air District's MATES program with the Air Districts CARE program; 2) Dr. Bart Ostro Chief, Air Pollution Epidemiology Unit, Office of Environmental Health Hazard Assessment (OEHHA) gave elaborate comparison of health effects from exposure to PM. Dr. Ostro gave a description of PM and other pollutants as they relates to chronic long term health effects versus the acute short term health effect. The CARE program studied long term exposure but not the short term health effect issues that are associated more with the criteria air pollutants.

Jean Roggenkamp thanked the Advisory Council for its move towards offsetting its carbon footprint and stated that the Air District is looking into its activities and will be offsetting its footprint as well.

**Public Health Committee of April 11, 2007:** Mr. Bramlett announced that the Committee did not have a quorum thus the meeting was cancelled. The Committee will continue its discussion on Indoor Air Quality (IAQ), and Asthma at the next meeting of June 13, 2007, at 1:30 p.m.

## **Air District Overview**

5. **Report of the Executive Officer/APCO:** Jean Roggenkamp, Deputy APCO, reported on the following:
  1. The Air District Budget focus; updating of the cost recovery study to determine if there were disparities in funds collected to implement programs. Some disparities were found thus the staff prepared recommendation for some permit fee increases to the Board of Directors. The first public hearing is scheduled for May 16, 2007 with the final hearing on June 6, 2007.

2. The summer time Spare the Air campaign will start June 1, 2007. The media and transit will help in disseminating the information. The program has expanded from 26 transit operators to 32 operators this year.
3. Staff will present to the Board at the next Board meeting of May 16, 2007 a new regulation on commercial charboilers. This regulation will affect control measures for PM (Particulate Matter) implementation schedule to help meet the PM standards.
4. Staff presented to the Board; issues about initiating rule making activities to reduce emissions from the major ports in the region. Emphasis on emission reduction originated from the information in the CARE program study. The Board created an Ad Hoc Committee on port emissions to look into emission reductions.
5. Dr. Manuel Pastors' report has been presented to; the staff, the Board Executive Committee, the CARE task force and today to the Advisory Council members.

Dr Holtzclaw commented on the fee structure to industries stating that some new industries are being heavily subsidized; showing that the cost of reviewing them and setting standards are much more than the fees to such companies, for instance the refinery industry. Now the fees are being increased to 15% a year state limit thus reducing the deficit. Dr. Holtzclaw also congratulated staff on its efforts.

Mr. Dawid inquired if the ozone season has begun. He also expressed his appreciation on the poll taken on the previous mandatory no burn days, which produced a favorable result. Mr. Dawid also asked for an update. Jean Roggenkamp, Deputy APCO, briefly explained that the District has to go through developing a regulation, expanded outreach for potential incentives and partnering with other companies.

Mr. Altshuler referenced whether the Air District staff looked into whether there were any impacts on ozone or any air quality stations, the incident of 8,600 gallons of gasoline consumed in the air might have caused or use it as a test point for model. Ms. Roggenkamp responded that there was not any way to attribute increases in any monitors specifically due to the time of the event and the District has looked into ways of doing monitoring of the event that could be useful. Mr. Altshuler also inquired if it is appropriate to incorporate Spare the Air materials with the PG&E's metering program that starts in May since both programs seem to promote closely related issues. Ms. Roggenkamp responded that the issue could be looked into in the future.

Ms. Wiener asked about the time frame when the Port regulation process will come into effect. Ms. Roggenkamp stated that it is a new source that the District is regulating and the implementation will take some time because new and existing stakeholders might be interested in the regulatory process. A draft might be out later this year and adoption; early 2008.

**4. Presentation by Dr. Manuel Pastor:** *Dr. Manuel Pastor of the University of California Santa Cruz made a presentation he co-authored entitled “Still Toxic After All These Years – Air Quality and Environmental Justice in the San Francisco Bay Area.”*

Dr. Pastor discussed the following issues:

- Motivation of the Study.
- Cumulative impact and community exposure to toxics.
- The findings and assembling the data for the project.
- Toxic Release Inventory (TRI) facilities relative to neighborhood demographics and how the TRI proximity is determined.
- Population by Race/ethnicity (2000) and Proximity to a TRI facility with Air Releases (2003) in the 9-county Bay Area.
- The disparity pattern is a result of land use perspective, income, and regional politics
- Ambient air toxics, which come from a diverse array of sources and can create “hot spots.”
- Estimating cancer and respiratory risks with ambient air toxics exposures. Assessing the risk to see if there is a pattern.

The Council members asked questions for clarification on several aspects of the report.

Ms. Weiner asked how the Air District will use this report to reduce multiple sources of air pollution in low income communities. In response, Ms. Roggenkamp stated that the staff plans to share the results of the CARE program findings with cities and counties when the data format is accurate enough. Considering linguistic isolations, Ms. Roggenkamp clarified that the Air District does have translations of documents provided to the public that can be expanded upon.

Dr. Holtzclaw asked if Dr. Pastor has any changes that could be made to land use general plans and zoning, with regards to unintended potential impact. Dr. Pastor responded that it will be important to look at communities that have crossed a certain threshold in terms of cumulative exposure or social vulnerability and use that to regulate what new facility will be built or zoned as the case may be. Also to create buffers between particular land uses and land fills considering high cost real estate.

In response to Mr. Dawid’s question of which poses more hazard, Dr. Pastor stated that mobile source and diesel pose more risk. On land use issues concerning conflict between smart growth incentives versus health incentives for which a UC Davis professor in Roseville found that interior roads pose more risks as do the freeways, Dr. Pastor added that problems arising from the infill should be anticipated for solutions because increased infill will lead to episodic incidence that becomes sustained.



Ms Drennen questioned the policy recommendations regarding mobile sources given the Air District's jurisdiction. Dr. Pastor stated that it has to do with leadership role and added that the Air Districts are moving forward. Dr. Pastor cited as an example, the city of Los Angeles where the Mayor, Antonio Villaraigosa, passed legislation over air quality forcing the ports to clean up and practice Smart Growth to reduce environmental inequity.

Ms. Roggenkamp added that the Air Quality Planning Committee recently had a presentation on mobile sources and the Air District's role. She also added that the Air District, through incentive programs targets the two communities that are mostly impacted by air pollution. The Air District does not have regulatory authority over engines but do have incentive programs that can help replace old engines with new ones. Also, the Air District is extending its regulatory authority to the Ports as stationary sources of air pollution.

Ms. Wiener stated that construction equipment is a major source of diesel PM and there is a hearing with the California Air Resources Board (CARB) on May 24, 2007 to pass a regulation on construction equipment. She also added that on the issue of idling, individuals are testifying to the ARB on the importance of putting enforcement in the early action measures of AB32 since diesel emissions are a major contributor to global warming and a bill in the state senate making enforcement stronger for CARB.

Dr. Kim asked if the Advisory Council can request points of clarification on the comments made by the public speakers.

Brain Bunger, District Counsel stated that there can be questions for point of clarification but not to engage in dialogue with the public speakers.

Duane Godson made additional comments on Dr. Pastor's presentation.

## **OTHER BUSINESS**

### **6. Report of Advisory Council Chair:**

Chairperson Glueck thanked the Council for the carbonfund.org donation.

### **7. Council Member Comments/Other Business:**

Chairperson Glueck noted that each Committee Chair will be requesting funds from members at its June meetings for a presentational gift for Mr. Peter Hess, Deputy APCO who will retire in July.

Chairperson Glueck stated that Executive Committee members discussed the technical aspect of Dr. Pastor's presentation will be reviewed by the Technical Committee and Air Quality Planning Committee will discuss recommendations that might be relevant to the issues relative to the Advisory Council. Also, the Public Health Committee will discuss the report at its meeting as well. The three Advisory

Council standing committees will work in collaboration on independent efforts and make comments to the Advisory Council.

Mr. Dawid expressed his strong concern for the District staff, Advisory Council, and Board of Directors take serious the issues of land use.

- 8. Time and Place of Next Meeting:** 10:00 a.m., Wednesday, July 11, 2007, 939 Ellis Street, San Francisco, CA 94109.
- 9. Adjournment:** The meeting was adjourned at 11:58 a.m.

Chioma Dimude  
Acting Executive Secretary

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

DRAFT MINUTES

Advisory Council Public Health Committee  
1:30 p.m., Wednesday, June 13, 2007

- 1. Call to Order – Roll Call.** Chairperson Bramlett called the meeting to order at 1:35 p.m. **Present:** Chairperson Jeffery Bramlett, Janice Kim, Ph.D., Steven Kmucha, MD., Ms. Linda Weiner, and Mr. Brian Zamora. **Absent:** Ms. Cassandra Adams, and Ms. Licavoli-Farnkkoph.
- 2. Public Comment Period:** Correspondence was sent to the members of the Public Health Committee from Ms. Gross of Hayward regarding two power plants in Hayward. Chairperson Bramlett will find out more information regarding the content of the letter and follow up with a response on behalf of the Public Health Committee.
- 3. Approval of Minutes of February 14, 2007:** Dr. Kmucha moved approval of the minutes, seconded by Mr. Zamora, carried unanimously.
- 4. Continued Discussion on Indoor Air Quality (IAQ) and Asthma:** Chairperson Bramlett indicated doing two things at the meeting which included: 1) Report from Mr. Zamora on contact with the Association of Bay Area Health Officers; 2) Summary of discussions to begin preparation of a report to Chairperson Glueck and the Council.

Mr. Zamora reported that members of Association of Bay Area Health Officers expressed interest in Indoor Air Pollution and Asthma; however, they would like to focus their limited resources and attention on Particulate Matter. The Association offered the services of Dr. Tony Iton, Health Officer in Alameda County as a delegate to the Committee. Mr. Bramlett requested staff coordinate with Dr. Tony Iton for a presentation at its next meeting.

Ms. Weiner reported that the list of all Bay Area Asthma coalitions and current information she collected was given to Mr. Peter Hess, Deputy Air Pollution Control Officer. Mr. Bramlett requested staff provide the committee members with a copy.

Dr. Kmucha stated that coordinating with the County Medical Association of Sonoma, Santa Clara, San Mateo, Alameda, and Contra Costa will be ideal because many of the Association members have Indoor Environmental or Public health Committees and have shown informal interest in working with the Air District's Public Health Committee. Dr. Kmucha also noted that the new Chairperson of the Environmental and Public Health Committee for the San Mateo County Medical

Association, Michelle Caughey with her Committee have identified six potential topics out of numerous lists with asthma as a priority. Dr. Kmucha is on that Committee and will act as a liaison. He also stated that a San Mateo County Supervisor set up a panel to decide what to do with the uninsured and under-insured. The panel will deliver their recommendation of extending coverage to about 400% of poverty and work on preventive care and the treatment of chronic illnesses.

Mr. Bramlett suggested that before the next meeting, a list of county health associations with contact information and addresses be created and attached to the recommendations that will be submitted to Chairperson Glueck. Dr. Kmucha will draft a list and bring to the next meeting.

Dr. Kim echoed that she spoke recently at the Santa Clara Medical Association, which has a very active environmental health group. She commented that one of the priorities of the medical association is to address indoor air quality. Dr. Kim also noted that with regards to the state, there are potential resources for funding opportunities because there are various agencies in the state system that are very involved in environmental issues related to asthma. Dr. Kim stated that there are websites that have fact sheets in different languages that talk about asthma.

Mr. Bramlett reminded those present that request the Committee on Indoor Air Quality and Asthma was refined in February 14, 2007 meeting. The changes include the Air District request for recommendations regarding its role on interfacing with the public, county health officers, and non governmental agencies on asthma as it relates to air quality (indoor and outdoor). Mr. Bramlett also stated that the next step will be to come up with a written draft to guide the project.

Dr. Kmucha questioned if the Committee had met the request of Air District staff with regards to indoor air quality and the role that the Air District will play in controlling indoor air quality.

Mr. Bramlett responded that the concern expressed by the Air District was that of the public calling for assistance from the Air District. Also, the staff would like both short and long term advice in order to respond to this issue accordingly. Mr. Bramlett requested staff be present at the next meeting to confirm this request or to clarify for the Committee what is wanted.

Dr. Kim suggested that some long term plans the Air District may consider would be acknowledging tobacco smoke as a problem in our communities, the state is planning to put emission standards on some products that are sold in California, the Air District can develop policies on the use of products with low emission as an example.

Ms. Weiner added that the comprehensive list of regional resources and internal audits of toxicity and emissions within the Air District is a good project. She also commented that the state level is coming up with lots of regulations on emissions that will fall upon local agencies.

Mr. Bramlett then reviewed past discussions of the committee as they related to the standard report format (i.e. importance and or implications, key issues, recommendations). With respect to importance and or implications, particular attention was given to asthma triggers and review of those most related to the Air District's area of influence – environmental irritants. General environmental exposures like allergens, animals, plants, protein, irritants, weather changes, viral signs infections, exercise, reflux disease, medication, food and anxiety have been linked to the exacerbation of asthma.

Irritants, triggers most related to the Air District's area of influence, discussed included air pollutants like tobacco smoke, wood smoke, chemicals, ozone, occupational exposures to dust, gasses, fumes, strong odors like perfumes, household cleaners, cooking fumes, particulates from frying, paints and furniture, coal, chalk, talcum powder, changing weather conditions. Some of these issues, the Air District is working on and some are beyond its boundary.

Mr. Bramlett also reviewed possible corrective actions the committee has discussed previously. This included the following items for consideration:

1. Continue current efforts in controlling chemicals in the air including industrial/occupational vapors, dust, gasses and fumes. This also includes existing efforts to address ozone, industrial and restaurant cooking fumes, paints and vanishes, and many other types of airborne particulates.
2. Continue work to reduce the impacts of wood smoke on the general population and for the benefit of asthma sufferers.
3. Develop and distribute a pamphlet for the District's own use that supports existing agency and non-governmental organization's work in this area. One way this might be done is by preparing information similar to that of the California Air Resources Board.
4. Encourage callers to work with a health care provider to obtain an accurate diagnosis, identify triggers, remove or control triggers.
5. Train District staff on the background, science, relative to the relationship between indoor and outdoor air quality and asthma.
6. Increase the coordination with County Health Officers and organizations that results in:
  - a. More collaborative effort in which air quality facts (i.e., sample results) may aid health officer/agency work to reduce asthma triggers and cases.
  - b. More efficient response to callers by referring them more accurately to the correct resource at the caller's local (county) level.
  - c. Work with schools, and through public health nurses where available, to disseminate the District's information.
  - d. Provide callers with a list of references that are sensitive to people of different language preferences and who may not have internet access (physical or ability).

- e. Include in appropriate media releases, in addition to the other information, consistent educational message that when the air quality is poor, a person can have an exacerbation of respiratory and cardiac problems. Also that there are many triggers that exacerbate asthma and, that on any day when a person has an exacerbation, it is due to days or even weeks of accumulating effects that result in the episode.
7. Develop program measures to track volume of calls, type of referral made, number of inspections made, classification of inspection conclusion as to if trigger is thought to be primarily due to an indoor or outdoor source.
8. Keep the Advisory Council informed as the program reaches significant milestones in its development and implementation.

Dr. Kim commented on the relationship between indoor and outdoor air quality. She stated that ozone is a reactive molecule and ambient levels can react with certain cleaning products and furnishings in the house but relatively low. The outdoor air pollution gets indoors especially with living close to the freeways.

#### **5. Committee Member Comments/Other Business:**

- Ms. Weiner suggested that the Committee can meet in the smaller room if there are no public speakers or presentations.
- Mr. Bramlett related that Mr. Hess is retiring and members are welcome to make donations for a gift for Mr. Hess.
- Dr. Kmucha made a suggestion to the Committee of inviting someone to talk on the health effect of traffic exposure on people sitting for a long period of time with regards to outdoor pollutants and indoor due to lack of availability of fresh air.
- Dr. Kim stated that she would be happy to make a presentation on the “health impact of residential proximity to busy roads”; there are epidemiologic studies and the mechanics involved with it.
- The Committee agreed that Dr. Kim will make a presentation on “residential proximity and indoor exposure to pollutants.” This presentation is tentative and Chairperson Bramlett will inform other sub committees to see if they are interested in the presentation.
- Dr. Kim also mentioned work she and her colleagues are doing on the health impacts of climate change and suggested this may be of interest. The Committee agreed and Mr. Bramlett will look into inviting members of the other committees.
- Mr. Bramlett surveyed members present to determine if enough would be able to attend the August meeting. As not enough were able to attend, the meeting was canceled.

**6. Time and place of next meeting:** Wednesday, October 10, 2007, 939 Ellis Street, San Francisco, CA 94109.

**7. Adjournment:** The meeting adjourned at 2:35 p.m.

Chioma Dimude  
Acting Executive Secretary