



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## ADVISORY COUNCIL REGULAR MEETING

WEDNESDAY  
SEPTEMBER 11, 2013  
9:00 A.M.

7<sup>TH</sup> FLOOR BOARD ROOM  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109

### AGENDA

#### CALL TO ORDER

Opening Comments  
Roll Call

Robert Bornstein, Ph.D., 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 are posted at Air District Headquarters, 939 Ellis Street, San Francisco, at least 72 hours before a meeting. This meeting will also be webcast. To see the webcast, please visit <http://www.baaqmd.gov/The-Air-District/Board-of-Directors/Agendas-and-Minutes.aspx> at the time of the meeting.*

*At the beginning of the meeting, an opportunity is also provided for the public to speak on any subject within the Council's purview. Speakers are limited to three minutes each.*

#### CONSENT CALENDAR

1. Approval of Minutes of the July 10, 2013 Advisory Council Meeting

#### PRESENTATION

2. Black Carbon: Health Effects of Exposure

*Speakers from the Public Health Institute and the University of California, Irvine will present materials on black carbon.*

##### **A. Climate Change – Health Impacts Caused by the Changing Climate**

Dr. Linda Rudolph, MD, MPH  
Center for Public Health and Climate Change  
Public Health Institute  
Oakland, California

## **B. Black Carbon – Health Effects of Exposure**

Michael T. Kleinman, PhD

Professor

Division of Occupational and Environmental Health

University of California, Irvine

### **PANEL DISCUSSION**

#### 3. Black Carbon – Health Effects of Exposure

*The speakers will convene as a panel for a discussion with the Advisory Council and Air District staff on black carbon – health effects of exposure and the implications for the Air District’s regulatory agenda, legislative agenda, and programs.*

### **OTHER BUSINESS**

#### 4. Chairperson’s Report

Robert Bornstein, Ph.D., Chairperson

#### 5. Council Member Comments/Other Business

*Council Members may make a brief announcement, provide a reference to staff about factual information, or ask questions about subsequent meetings.*

#### 6. Time and Place of Next Meeting

*Wednesday, October 9, 2013 at 9:00 a.m., at 939 Ellis Street, San Francisco, CA 94109*

#### 7. Adjournment

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

**(415) 749-5073  
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.

Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at Air District’s Headquarters at 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109**  
**FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:**  
**MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**SEPTEMBER 2013**

<b><u>TYPE OF MEETING</u></b>	<b><u>DAY</u></b>	<b><u>DATE</u></b>	<b><u>TIME</u></b>	<b><u>ROOM</u></b>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 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 Public Outreach Committee</b> <i>(At the Call of the Chair)</i> - CANCELLED	Monday	9	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED	Monday	9	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i> CANCELLED	Monday	9	11:00 a.m.	4 <sup>th</sup> Floor Conf. Room  <u>And via videoconference at</u> Santa Rosa Junior College Doyle Library, Room 4243 1501 Mendocino Avenue Santa Rosa, CA
<b>Special Board of Directors Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Monday	9	10:00 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	11	9:00 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets 3<sup>rd</sup> Thursday of every other month)</i> - CANCELLED	Thursday	12	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED AND RESCHEDULED TO MONDAY, SEPTEMBER 9, 2013 AT 9:30 A.M.	Monday	16	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	16	10:30 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	18	9:45 a.m.	Board Room
<b>Board of Directors Public Outreach Committee</b> <i>(At the Call of the Chair)</i> - CANCELLED	Thursday	19	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## SEPTEMBER 2013

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Climate Protection Committee</b> ( <i>Meets on the 3<sup>rd</sup> Thursday every other month</i> ) <b>CANCELLED &amp; RESCHEDULED TO THURSDAY, SEPTEMBER 12, 2013 AT 9:30 A.M.</b>	Thursday	19	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Budget &amp; Finance Committee</b> ( <i>Meets on the 4<sup>th</sup> Wednesday of each Month</i> ) – <b>CANCELLED AND RESCHEDULED TO MONDAY, SEPTEMBER 9, 2013 AT 11:00 A.M.</b>	Wednesday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room  <b><u>And via videoconference at</u></b> <b>Santa Rosa Junior College</b> <b>Doyle Library, Room 4243</b> <b>1501 Mendocino Avenue</b> <b>Santa Rosa, CA</b>

<b>Board of Directors Mobile Source Committee</b> ( <i>Meets on the 4<sup>th</sup> Thursday of each Month</i> )	Thursday	26	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
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## OCTOBER 2013

<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 on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month</i> )	Wednesday	2	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> ( <i>Meets on the 2<sup>nd</sup> Wednesday of each Month</i> )	Wednesday	9	9:00 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> ( <i>Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month</i> )	Wednesday	16	9:45 a.m.	Board Room
<b>Board of Directors Executive Committee</b> ( <i>Meets on the 3<sup>rd</sup> Monday of each Month</i> )	Monday	21	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> ( <i>Meets on the 3<sup>rd</sup> Monday of each Month</i> )	Monday	21	10:30 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> ( <i>Meets on the 4<sup>th</sup> Wednesday of each Month</i> )	Wednesday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room  <b><u>And via videoconference at</u></b> <b>Santa Rosa Junior College</b> <b>Doyle Library, Room 4243</b> <b>1501 Mendocino Avenue</b> <b>Santa Rosa, CA</b>
<b>Board of Directors Mobile Source Committee</b> ( <i>Meets on the 4<sup>th</sup> Thursday of each Month</i> )	Thursday	24	9:30 a.m.	Board Room
<b>Board of Directors Public Outreach Committee</b> ( <i>At the Call of the Chair</i> )	Thursday	31	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## NOVEMBER 2013

<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 on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	13	9:00 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	18	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	18	10:30 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets 3<sup>rd</sup> Thursday of every other month)</i>	Thursday	21	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
				<u>And via videoconference at</u> Santa Rosa Junior College Doyle Library, Room 4243 1501 Mendocino Avenue Santa Rosa, CA
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	Board Room

HL – 9/3/13 (11:15 a.m.)

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**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Robert Bornstein, Ph.D. and  
Members of the Advisory Council

From: Jack P. Broadbent  
Executive Officer/Air Pollution Control Officer

Date: July 17, 2013

Re: Draft Minutes of the July 10, 2013 Advisory Council Meeting

RECOMMENDED ACTION

Approve the attached draft minutes of the Regular Meeting of the Advisory Council on July 10, 2013.

DISCUSSION

Attached for your review and approval are the draft minutes of the Regular Meeting of the Advisory Council on July 10, 2013.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Sean Gallagher  
Reviewed by: Rex Sanders

Attachment

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109  
(415) 749-5073

**DRAFT MINUTES**

Advisory Council Regular Meeting  
Wednesday, July 10, 2013

*Note: An audio recording of the meeting is available on the website of the Bay Area Air Quality Management District at <http://www.baaqmd.gov/The-Air-District/Board-of-Directors/Advisory-Council/Agendas-and-Minutes.aspx>.*

**CALL TO ORDER:** Chairperson Robert Bornstein called the meeting to order at 9:02 a.m.

**ROLL CALL**

Present: Chairperson Robert Bornstein, Ph.D., Vice-Chairperson Sam Altshuler, P.E.; Secretary Liza Lutzker, M.P.H.; and Members Benjamin Bolles, Harold Brazil, Jonathan Cherry, A.I.A., LEED A.P., Heather Forshey, Stan Hayes, John Holtzclaw, Ph.D., Kraig Kurucz, Rick Marshall, P.E., P.L.S., Timothy O'Connor, J.D., Estes Al Phillips, Jessica Range, LEED A.P. and Murray Wood.

Absent: Members Jennifer Bard, Jeffrey Bramlett, M.S., C.S.P., Gary Lucks, J.D., C.P.E.A., and Kathryn Lyddan, J.D.

Also Present: None.

**OPENING COMMENTS:** None.

**PUBLIC COMMENT PERIOD:** None.

**CONSENT CALENDAR**

**1. Approval of the Minutes of the Advisory Council meeting of June 12, 2013**

Council Comments: None.

Public Comments: None.

Council Action:

Member Altshuler made a motion to approve the minutes of June 12, 2013; Member Holtzclaw seconded; and the motion carried unanimously.

## **DISCUSSION**

### **2. Discussion of draft report on the Advisory Council's meeting on May 8, 2013**

Member Lutzker made introductory comments regarding the drafting of the report.

NOTED PRESENT: Member O'Connor was noted present at 9:05 a.m.

#### Council Comments:

The Council deliberated upon proposed revisions to the draft report on the Advisory Council's meeting on May 8, 2013.

NOTED PRESENT: Member Kurucz was noted present at 9:17 a.m.

Public Comments: None.

#### Council Action:

Member Hayes made a motion to approve the report of the Advisory Council's meeting on May 8, 2013, as amended; Member Holtzclaw seconded; and the motion carried unanimously.

### **3. Report on the Annual Air & Waste Management Association (AWMA) Meeting, June 24 – 28, 2013**

Members Brazil, Hayes, Altshuler and Holtzclaw reported on their experiences at the AWMA Meeting.

Henry Hilken, Director of Planning, Rules and Research, reported on staff's experience at the AWMA Meeting.

Chairperson Bornstein reported on his experience at the AWMA Meeting.

## **OTHER BUSINESS**

### **4. Chairperson's Report**

The Council and staff discussed the upcoming appointment by the Board of Directors to fill the vacant Regional Park District seat on the Council.

The Council discussed potential topics for their September meeting and selected the health effects of black and brown carbon.

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

Member Kurucz congratulated Member Altshuler on his role at the AWMA meeting.



Member Holtzclaw distributed to the Council, on behalf of Member Bard, copies of “Susan Adams resolution on Climate Change to be presented to BAAQMD.”

6. **Time and Place of Next Meeting:** Wednesday, September 11, 2013, Bay Area Air Quality Management District Headquarters, 939 Ellis Street, San Francisco, CA 94109 at 9:00 a.m.
7. **Adjournment:** The meeting adjourned at 12:56 p.m.

Sean Gallagher  
Clerk of the Boards

Bay Area Air Quality Management District

# Advisory Council Meeting



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## Black Carbon and Climate Change—Health Impacts

**Date:** Wednesday, September 11, 2013

**Place:** BAAQMD  
939 Ellis Street  
San Francisco, CA 94109

**Time:** 9:00am – 12:00pm

### Presentations include:

**Health Impacts Associated with Climate Change**  
**Dr. Linda Rudolph, MD, MPH**  
Center for Public Health and Climate Change  
Public Health Institute  
Oakland, California

**Black Carbon—Health Effects of Exposure**  
**Professor Michael Kleinman**  
Department of Civil and Environmental Engineering  
University of California, Irvine

For directions, transit, and parking information visit <http://www.baaqmd.gov/The-Air-District/Hours-and-Directions.aspx>

This meeting will also be webcast. A link will be posted on the Air District home page (<http://www.baaqmg.gov>) on the day of the meeting

**For more information, please contact Eric Stevenson, Director of Technical Services at (415) 749-4695 or [estevenson@baaqmd.gov](mailto:estevenson@baaqmd.gov).**