



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
EXECUTIVE COMMITTEE MEETING

COMMITTEE MEMBERS

TOM BATES – CHAIR
ASH KALRA – SECRETARY
CAROLE GROOM
JENNIFER HOSTERMAN
BRAD WAGENKNECHT

JOHN GIOIA – VICE-CHAIR
SUSAN GARNER
SCOTT HAGGERTY
MARK ROSS

WEDNESDAY
OCTOBER 19, 2011
9:30 AM

4TH FLOOR CONFERENCE ROOM
939 ELLIS STREET
SAN FRANCISCO, CA 94109

AGENDA

1. **CALL TO ORDER – ROLL CALL**
2. **PUBLIC COMMENT PERIOD** (*Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3*) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at Air District headquarters, 939 Ellis Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.
3. **APPROVAL OF THE JULY 6, 2011 MINUTES WILL BE DEFERRED UNTIL THE NEXT EXECUTIVE COMMITTEE MEETING**
4. **PRODUCTION SYSTEM UPDATE**

J. McKay/4629
jmckay@baaqmd.gov

The Committee will receive an update on the Air District's Production System.
5. **PARTICULATE MATTER (PM) PLANNING**

H. Hilken/4642
hhilken@baaqmd.gov

The Committee will receive an update on the Air District's Particulate Matter Planning.
6. **STATUS REPORT ON JOINT REGIONAL GOVERNANCE HEADQUARTERS**

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee will receive a status report on Joint Regional Governance Headquarters.

CLOSED SESSION

7. EXISTING LITIGATION (Government Code Section 54956.9(a))

Pursuant to Government Code Section 54956.9(a), a need exists to meet in closed session with legal counsel to consider the following case(s):

California Building Industry Association v. Bay Area AQMD, Alameda County Superior Court, Case No. RG-10548693

OPEN SESSION

8. COMMITTEE MEMBER COMMENTS/OTHER BUSINESS

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding 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. (Gov't Code § 54954.2).

9. TIME AND PLACE OF NEXT MEETING: AT THE CALL OF THE CHAIR

10. ADJOURNMENT

CONTACT EXECUTIVE OFFICE- 939 ELLIS STREET SAN FRANCISCO, CA 94109

(415) 749-5130
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 at least three working days prior to the date of the meeting 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 the District's offices 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. Such writing(s) may also be posted on the District's website (www.baaqmd.gov) at that time.

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

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF DISTRICT MEETINGS

OCTOBER 2011

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Advisory Council Meeting <i>(Meets 2nd Wednesday each Month)</i>	Wednesday	12	9:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i> - CANCELLED	Wednesday	19	9:45 a.m.	Board Room
Board of Directors Executive Committee <i>(At the Call of the Chair)</i>	Wednesday	19	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(At the Call of the Chair)</i>	Wednesday	19	Immediately Following Executive Cme. Meeting	4 th Floor Conf. Room
Board of Directors Executive Committee <i>(At the Call of the Chair)</i> - CANCELLED AND RESCHEDULED TO WEDNESDAY, OCTOBER 19, 2011	Monday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	27	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Climate Protection Committee <i>(At the Call of the Chair)</i>	Monday	31	10:00 a.m.	4 th Floor Conf. Room
Board of Directors Public Outreach Committee <i>(At the Call of the Chair)</i>	Wednesday	31	Immediately Following Climate Protection Cme. Meeting	4 th Floor Conf. Room

NOVEMBER 2011

<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 Nominating Committee <i>(At the Call of the Chair)</i>	Wednesday	2	Immediately Following Regular Board Meeting	Room 716
Advisory Council Meeting <i>(Meets 2nd Wednesday each Month)</i>	Wednesday	9	9:00 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

NOVEMBER 2011

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Mobile Source Committee (<i>Meets 4th Thursday each Month</i>) - CANCELLED	Thursday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee (<i>Meets 4th Thursday each Month</i>)	Monday	28	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee (<i>At the Call of the Chair</i>)	Monday	28	Immediately Following Mobile Source Cme.	4 th Floor Conf. Room

DECEMBER 2011

<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	7	9:45 a.m.	Board Room
Advisory Council Meeting (<i>Meets 2nd Wednesday each Month</i>)	Wednesday	14	9:00 a.m.	Board Room
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 Mobile Source Committee (<i>Meets 4th Thursday each Month</i>) - CANCELLED	Thursday	22	9:30 a.m.	Board Room

HL – 10/6/11 (3:10 p.m.)

P/Library/Forms/Calendar/Calendar/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Tom Bates and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 12, 2011

Re: Executive Committee Draft Meeting Minutes

RECOMMENDED ACTION

None. Approval of the July 6, 2011 minutes will be deferred until the next Executive Committee meeting.

DISCUSSION

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Kris Perez Krow
Reviewed by: Jennifer Cooper

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Tom Bates and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 12, 2011

Re: Production System Project Update

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Staff will present the current status of this multi-year project, and a brief description of the next milestones. In December of 2006 staff presented the plan for implementation of the new production system. At that time, staff indicated that execution of the plan would be accompanied by detailed reports on the project status and accomplishments.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeffrey McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Tom Bates and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 12, 2011

Re: Particulate Matter (PM) Planning

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Pursuant to the Federal Clean Air Act, US EPA must periodically review the National Ambient Air Quality Standards (NAAQS) for six “criteria” pollutants, including particulate matter (PM), to ensure that the standards protect public health with an adequate margin of safety, based upon the most recent health studies. In 2006, US EPA took action to significantly tighten the 24-hour NAAQS for PM_{2.5} (often referred to as “fine PM”) from 65 $\mu\text{g}/\text{m}^3$ (micro-grams per cubic meter) to 35 $\mu\text{g}/\text{m}^3$. Based on air quality monitoring data for the 2006-2008 period, EPA designated the Bay Area as non-attainment for the 24-hour national PM_{2.5} standard in December 2009. Non-attainment areas are required to prepare a State Implementation Plan (SIP) submittal to US EPA by fall 2012 to demonstrate how they will attain the standard by December 2014.

When EPA issued the non-attainment designations, the Bay Area exceeded the 24-hour PM_{2.5} NAAQS by only a slight margin. The Bay Area’s design value, the metric that describes a region’s status relative to a NAAQS, was 36 $\mu\text{g}/\text{m}^3$. Since that time, Bay Area PM_{2.5} levels have declined. Monitoring data for 2008-2010 shows that the Bay Area met the 24-hour national PM_{2.5} standard during this period. Our design value for the 2008-2010 period is 31 $\mu\text{g}/\text{m}^3$, well below the 35 $\mu\text{g}/\text{m}^3$ standard.

The recent reduction in peak values of PM_{2.5} in the Bay Area can be attributed to emission reductions achieved by control programs, including the District’s wood-burning rule and other regulations. Reduced emissions related to the economic downturn, and favorable meteorology (not conducive to PM_{2.5} build-up) in recent winters also may have influenced PM levels.

DISCUSSION

EPA guidelines provide that in the case where monitoring data demonstrates that a designated non-attainment air district currently attains the NAAQS, the Air Resources Board may submit a “clean data finding” to EPA on behalf of the district. If EPA approves the “clean data finding”, then, in lieu of preparing an attainment plan, the district has the option to prepare and submit either 1) an abbreviated SIP, or 2) a re-designation request and maintenance plan.

Staff believes that it would be premature to submit a re-designation request and maintenance plan at this point in time. Instead, it would be most prudent to prepare an abbreviated PM2.5 SIP, while continuing to monitor progress in reducing PM2.5 over the next several years.

There are three required elements for an abbreviated PM2.5 SIP:

- An emission inventory for primary PM2.5, as well as precursors that contribute to secondary PM formation
- A transportation conformity budget for emissions of primary PM2.5 and NOx from on-road motor vehicles (to be developed in coordination with MTC)
- Amendments to the District’s New Source Review (NSR) regulation to address PM2.5 as a regulated pollutant

Despite progress toward attaining the 24-hour PM2.5 NAAQS, there are compelling reasons to continue to enhance our efforts to reduce emissions, ambient concentrations, and population exposure to fine PM. The Bay Area 2010 Clean Air Plan presented an analysis of the health burden that air pollution imposes on Bay Area residents. This analysis identified PM2.5 as the pollutant which poses the greatest risk to the Bay Area populace, and found that exposure to PM2.5 accounts for more than 90% of premature mortality related to air pollution in the Bay Area. Epidemiological studies show that there are significant health impacts related to PM2.5, even below existing state and national standards. In addition, PM is a very complex pollutant; there are major gaps in our knowledge regarding the health impacts and risks associated with specific components and size fractions of PM, and the biological mechanisms by which PM damages public health.

For these reasons, staff believes that the District should prepare a comprehensive PM work plan to complement the abbreviated PM2.5 SIP submittal. This non-SIP document will lay out a broad, long-range work plan to guide the District’s efforts in reducing PM over the coming decade. The District must provide the abbreviated PM2.5 SIP submittal to ARB by August 2012. Staff intends to prepare the comprehensive PM work plan in the same time frame.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Resources to prepare the abbreviated PM2.5 SIP submittal, as well as the PM work plan to complement the abbreviated PM2.5 SIP, are included in the FY 2011/12 budget and will be considered in the preparation of the FY 2012/13 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: David Burch
Reviewed by: Jean Roggenkamp

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Tom Bates and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 12, 2011

Re: Status Report on Joint Regional Governance Headquarters

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

On October 12, 2011, the Metropolitan Transportation Commission and Bay Area Toll Authority voted to proceed with the purchase of 390 Main Street in San Francisco. The purchase is anticipated to close on Thursday, October 13, 2011. Staff will review the next steps.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeffrey McKay