



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
CLIMATE PROTECTION COMMITTEE  
COMMITTEE MEMBERS

PAMELA TORLIATT – CHAIR  
TOM BATES  
DAN DUNNIGAN  
YORIKO KISHIMOTO  
GAYLE B. UILKEMA

ERIN GARNER – VICE CHAIR  
CHRIS DALY  
JOHN GIOIA  
JAKE MCGOLDRICK

**THURSDAY  
MAY 3, 2007  
9:30 A.M.**

**FOURTH FLOOR CONFERENCE ROOM  
DISTRICT OFFICES**

**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 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 five (5) minutes each.*

3. **APPROVAL OF MINUTES OF JANUARY 18, 2007**

4. **AIR RESOURCES BOARD (ARB) PRESENTATION ON AB 32 IMPLEMENTATION**

**H. Hilken/4642**  
[hhilken@baaqmd.gov](mailto:hhilken@baaqmd.gov)

*Mr. Chuck Shulock, from ARB will provide an overview of AB 32: the "California Global Warming Solutions Act of 2006," implementation.*

5. **OPPORTUNITIES FOR GREENHOUSE GAS (GHG) REDUCTIONS FROM STATIONARY SOURCES**

**H. Hilken/4642**  
[hhilken@baaqmd.gov](mailto:hhilken@baaqmd.gov)

*Consultants from URS Corporation will provide an overview of the study recently completed for the District, "Opportunities for Further GHG Reductions for the BAAQMD Stationary Sources."*

6. **MINIMIZING THE AIR DISTRICT'S CARBON FOOTPRINT**

**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*Staff will provide a presentation on the Air District's effort to quantify, reduce, and offset greenhouse gas emissions associated with Air District operations.*

7. **COMMITTEE MEMBERS' COMMENTS**

*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)*

8. **TIME AND PLACE OF NEXT MEETING: - JULY 19, 2007 - 9:30 A.M. – 939 ELLIS STREET, SAN FRANCISCO, CA 94109**

9. **ADJOURNMENT**

**CONTACT CLERK OF THE BOARDS - 939 ELLIS STREET  
SAN FRANCISCO, 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 at least three working days prior to the date of the meeting so that arrangements can be made accordingly)

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Torliatt and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 12, 2007

Re: Climate Protection Committee Draft Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the January 18, 2007 meeting of the Climate Protection Committee.

DISCUSSION

Attached for your review and approval are the draft minutes of the January 18, 2007 meeting of the Climate Protection Committee.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

**Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 771-6000**

**DRAFT MINUTES**

Summary of Board of Directors  
Climate Protection Committee  
9:30 a.m., Thursday, January 18, 2007

1. **Call to Order - Roll Call:** Chair Gayle B. Uilkema called the meeting to order at 9:40 a.m.  
  
**Present:** Gayle B. Uilkema, Chair, Chris Daly (10:15 a.m.), Erin Garner, Scott Haggerty, Yoriko Kishimoto, Mark Ross, Pamela Torliatt (9:52 a.m.).  
  
**Absent:** Dan Dunnigan, Tim Smith.
2. **Public Comment Period:** There were none.
3. **Approval of Minutes of October 12, 2006:** Director Ross moved approval of the minutes; seconded by Director Kishimoto; carried unanimously without objection.
4. **Report on Bay Area Climate Protection Summit and Next Steps:** *Staff reported to the Committee on the November 10, 2006 Bay Area Climate Protection Summit.*

Henry Hilken, Director of Planning, Rules & Research, introduced the item and stated that the Climate Protection Summit was a very successful event.

Ana Sandoval, Principal Environmental Planner, presented the report and stated that there were over 500 people in attendance at the Summit that represented a variety of organizations. Ms. Sandoval discussed the Summit speakers, (noting that Al Gore was the keynote speaker), the five network sessions, the extensive media coverage, and the announcement of the District's climate protection grant program.

Chair Uilkema thanked Ms. Sandoval for the outstanding job she did on the Summit.

Jean Roggenkamp, Deputy APCO, reported on the next steps that will be taken. They include a Regional Leadership Council, a Bay Area Climate Protection website, a public outreach campaign, and the grant program.

In response to Director Kishimoto's question on the purpose of the foundation, Ms. Roggenkamp stated that it would involve working with private entities and other government agencies to

establish a foundation that would provide a funding mechanism for the climate protection grant program.

Director Pamela Torliatt arrived at 9:52 a.m.

Ms. Roggenkamp then provided detailed information on each of the next steps to be taken noting that the grant program would be discussed under the next agenda item. There was general discussion on this agenda item that included the following:

- Making sure all nine counties are informed about actions being taken by the Regional Leadership Council.
- The website would centralize climate protection information.
- A model resolution.
- The Summit built up momentum and the information needs to keep flowing.
- Implementation of AB 32 and defining the Air District's role.
- Who will be on the Regional Council.

Director Chris Daly arrived at 10:15 a.m.

- Setting milestones for next year.
- Director Uilkema requested an article in Sunday's paper be distributed to the Board members.
- Targeting public outreach where large numbers of people can be reached, such as county fairs.

**Committee Action:** None. This report provided for information only.

**5. Climate Protection Grant Program:** *The Committee discussed potential goals and procedures for the new climate protection grant program.*

Mr. Hilken thanked the Committee for their complements regarding the Summit. Mr. Hilken acknowledged Tracy Keough of O'Rorke and staff member Dave Vintze for the assistance they provided in setting up the Summit.

Mr. Hilken then presented information on the establishment of the Climate Protection Grant Program that would transition into a Climate Protection Foundation. Mr. Hilken reiterated that a \$3 million grant program was announced at the Summit. Projects that could be funded through this Program include renewable energy infrastructure, green technology, green building projects, and educational messaging or emission reduction implementation programs. A list of potential recipients was reviewed. The Committee members expressed interest in student education and public awareness campaigns.

Mr. Hilken reviewed the next steps, which would include hiring a person to lead the program, developing program guidelines, soliciting public input, and Board adoption of program guidelines. A tentative schedule anticipates a call for projects in late summer or early fall of 2007.

There was extensive discussion on the foundation and what the funds would be used for. Several Committee members felt that an educational program was paramount. The Committee had questions with regard to the legal aspects of establishing a foundation and requested staff provide a report at a future meeting.

**Committee Action:** None. This report provided for information only.

6. **Committee Members' Comments:** There were none.
7. **Time and Place of Next Meeting:** At the Call of the Chair.
8. **Adjournment:** The meeting was adjourned at 10:59 a.m.

Mary Romaidis  
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Torliatt and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 23, 2007

Re: ARB Staff Presentation on AB 32 Implementation

RECOMMENDED ACTION:

None. For information only.

BACKGROUND

Last August the California Legislature passed Assembly Bill No. 32, the "California Global Warming Solutions Act of 2006." The Governor signed AB 32 in San Francisco on September 27, 2006. The legislation charges the State Air Resources Board with monitoring and regulating sources of greenhouse gas emissions in order to achieve a reduction in statewide greenhouse gas emissions to 1990 levels by the year 2020.

The legislation laid out a series of steps and deadlines for ARB as follows:

- By July 1, 2007, adopt a list of discrete, early action measures that can be implemented before January 1, 2010, and adopt such measures.
- By January 1, 2008, establish a statewide greenhouse gas emissions cap for 2020 based on 1990 emissions.
- By January 1, 2008, adopt mandatory reporting rules for significant sources of greenhouse gases.
- By January 1, 2009, adopt a plan for achieving emission reductions via regulations, market mechanisms, and other actions.
- By January 1, 2011, adopt regulations to achieve the maximum technologically feasible, cost effective reductions in greenhouse gases, with provisions for market mechanisms and alternative compliance mechanisms.
- Convene an Environmental Justice Advisory Committee and an Economic and Technological Advancement Advisory Committee to advise ARB.

- Prior to imposing mandates, evaluate impacts on California's economy, environment, and public health; equity between regulated entities; electricity reliability and conformance with other environmental laws, and ensure that rules do not disproportionately impact low income communities.

### DISCUSSION

AB 32 has received international attention. The bill includes ambitious emission reduction goals and further establishes California as a climate protection leader. District staff has had numerous discussions with staff at ARB and at other California air districts regarding the role of local districts in AB 32 implementation. ARB staff will make a presentation on the implementation of AB 32.

### BUDGET CONSIDERATION / FINANCIAL IMPACT:

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Ana Sandoval  
Reviewed by: Henry Hilken



BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Torliatt and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 23, 2007

Re: Opportunities for Greenhouse Gas Emission Reductions from Bay Area  
Stationary Sources

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RECOMMENDED ACTION:

Receive and file.

BACKGROUND

On June 1, 2005 the Board of Directors adopted a resolution establishing a Climate Protection Program and acknowledging the link between climate protection and programs to reduce air pollution in the Bay Area. One of the Climate Protection initiatives identified by Air District staff and presented to the Ad Hoc Committee for Climate Protection at its February 23, 2006 meeting involved conducting a study of potential greenhouse gas reduction strategies from sources historically regulated by the District. Subsequently, at the June 1, 2006 meeting of the Ad Hoc Committee on Climate Protection, staff recommended URS, Inc. be awarded a \$100,000 contract to conduct a region-wide study to identify and evaluate potential greenhouse gas emission control options for permitted stationary sources in the Bay Area. The Board of Directors approved the contract on June 6, 2006.

DISCUSSION

The study, "Opportunities for Further Greenhouse Gas Emissions Reductions for the BAAQMD Stationary Sources," identified the industries and source categories which most significantly contribute to greenhouse gas emissions and potential mitigation options for controlling those emissions. The evaluation qualitatively considered the effectiveness, costs, and impacts of each of the most promising options. The study also included a ranking of the most promising source categories for opportunities to reduce greenhouse gas emissions. Mr. Mark Strehlow of URS will present a summary of the findings.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Alex Ezersky  
Reviewed by: Henry Hilken

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Torliatt and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 24, 2007

Re: Minimizing the Air District's Carbon Footprint

RECOMMENDED ACTION:

None. For information only.

BACKGROUND

As an overall goal of the Climate Protection Program, Air District staff is working to integrate climate protection into all aspects of Air District functions and programs, including capital and operational planning. As such, Air District staff is evaluating the climate impact of the District's operations as well as ways to minimize that impact.

DISCUSSION

The Air District has a history of utilizing climate-friendly business practices in its day to day operations, including:

- an award-winning employee commuter benefits program;
- a 9-80 flex work schedule that eliminates 10% of commute travel for participating employees;
- participation in the ABAG and City of San Francisco Green Business Program;
- use of hybrid and CNG vehicles in the Air District fleet.

Currently, Air District staff is evaluating the "carbon footprint," or total greenhouse gas emissions, due to Air District operations. The carbon footprint analysis will include electricity and natural gas consumption, employee business travel, and Board of Directors travel.

Air District staff will continue to pursue additional climate-friendly business practices that will allow us to further reduce the District's overall carbon footprint. However, staff will purchase "offsets" for those emissions that cannot be eliminated in order to make Air District operations "carbon neutral". The cost of offsets will be approximately \$10,000 to \$15,000 for 2006. Purchase of carbon offsets can be used to support activities such as renewable energy development or energy efficiency projects.

The Air District has experience with making activities carbon neutral. The 2006 Climate Protection Summit was planned so as to minimize emissions; offsets were purchased for the remaining emissions. In 2006, the Advisory Council calculated the greenhouse gas emissions associated with its travel and purchased emission offsets.

The Air District's climate neutral status will be announced on June 1, 2007, the two-year anniversary of the Climate Protection Program.

**BUDGET CONSIDERATION / FINANCIAL IMPACT:**

The cost of offsetting the Air District's carbon footprint is included in the proposed FY 2007-2008 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Ana Sandoval  
Reviewed by: Henry Hilken