



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
MEETING OF AD HOC COMMITTEE ON CLIMATE PROTECTION

AD HOC COMMITTEE MEMBERS

GAYLE B. UILKEMA – CHAIR  
CHRIS DALY  
ERIN GARNER  
MARK ROSS

PAMELA TORLIATT – VICE CHAIR  
DAN DUNNIGAN  
SCOTT HAGGERTY  
TIM SMITH

**THURSDAY  
FEBRUARY 23, 2006  
9:30 A.M.**

**4<sup>th</sup> 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 DECEMBER 14, 2005**

**4. PRESENTATION ON THE INITIATIVES OF THE DISTRICT'S CLIMATE PROTECTION LEADERSHIP PROGRAM**

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

*Staff will make a presentation to the Committee describing the upcoming initiatives for the District's Climate Protection Leadership Program.*

**5. STATUS REPORT ON UPCOMING CLIMATE PROTECTION SUMMIT**

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

*Staff will provide a report to the Committee on preparations for the climate protection summit to be hosted by the District in mid-2006.*

**6. 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)*

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

8. **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: Chair Uilkema and Members of the Ad Hoc Committee on Climate Protection  
From: Jack P. Broadbent  
Executive Officer/APCO  
Date: February 15, 2006  
Re: Ad Hoc Committee on Climate Protection Draft Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the December 14, 2005 meeting of the Ad Hoc Committee on Climate Protection.

DISCUSSION

Attached for your review and approval are the draft minutes of the December 14, 2005 meeting of the Ad Hoc Committee on Climate Protection.

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  
Meeting of the Ad Hoc Committee on Climate Protection  
1:00 p.m., Wednesday, December 14, 2005

1. **Call to Order – Roll Call:** Chairperson Marland Townsend called the meeting to order at 1:00 p.m.

**Present:** Marland Townsend, Chairperson; Dan Dunnigan, Erin Garner, Mark Ross (1:01 p.m.), Michael Shimansky, Tim Smith, Pamela Torliatt.

**Absent:** Mark DeSaulnier, Scott Haggerty, Gayle B. Uilkema.

2. **Public Comment Period:** There were none.

Director Mark Ross arrived at 1:01 p.m.

3. **Update on Staff Activities Regarding Climate Change:** *The Committee discussed and reviewed previous actions taken by the Board of Directors on climate change and staff provided the Committee with an update on recent staff activities regarding climate change.*

Jean Roggenkamp, Deputy APCO, presented an update of recent staff activities on the Climate Protection Leadership Program. Topics reviewed included the following:

- Climate and air quality.
- The June 1, 2005 resolution establishing the Program.
- Outreach and education campaigns.
- Collaboration with ongoing efforts.

Ann Hancock and Mike Sandler, of the Climate Protection Campaign, presented information on the two-part report that the Climate Protection Campaign prepared for the Air District. Ms. Hancock and Mr. Sandler reviewed the highlights of the reports, the report recommendations, and the proposed next steps.

Ana Sandoval, Environmental Planner, summarized the Air District's activities to date, which include: outreach and education campaigns; data collection and analysis; providing support, leadership, and technical assistance for local efforts; and hosting a regional conference.

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

**4. Report on the Integration of Air Quality Management and Climate Protection:** *Staff provided a report to the Committee on the integration of air quality management and climate change.*

Ms. Sandoval presented the report and reviewed the following:

- What integration is in process.
- Conferences and workshops.
- Collaboration.
- Ongoing state, national, and international efforts.
- Planning.
- Public education and outreach.
- Further opportunities in the grants program, emissions tracking and in-house energy efficiency.
- Implementing the Resolution.

Suggestions resulting from discussion included the following:

- Drafting a model ordinance on climate protection similar to the model woodsmoke ordinance.
- A universal document produced at the end of the summit to show what has been done.
- Inclusion of greenhouse gas emissions (GHG)
- Incentives for green fleets.
- Work with the Metropolitan Transportation Commission (MTC) on transit oriented document.
- Estimate in-house emissions as part of the reductions.
- Focus on the summit.
- Work on Safe Rides to School program to reduce vehicle miles traveled (VMT).
- Solar policy.
- Working with the state to implement GHG reductions, this topic would go to the Legislative Committee.
- Work with the water agencies to try to reduce use and cost of use.
- More information on how the District is going to produce a strategic plan.
- This is a global problem, not just local, but the District's focus should be local.
- Dialogues with both the Governor and the legislature.

**Committee Action:** The Committee discussed the issues and provided direction to staff.

**5. Committee Member Comments/Other Business:** There were none.

**6. Time and Place of Next Meeting:** At the Call of the Chair, with the recommendation that the meetings of the Committee be held quarterly.

**7. Adjournment:** The meeting adjourned at 2:25 p.m.

Mary Romaidis  
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chair Gayle B. Uilkema and Members  
of the Ad Hoc Committee on Climate Protection

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 16, 2006

Re: Presentation on the Initiatives of the District's Climate Protection  
Leadership Program

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RECOMMENDED ACTION

None. For information only.

BACKGROUND

The first meeting of the Ad Hoc Committee on Climate Protection was held on December 14, 2005. At this meeting staff reported on recent climate protection activities at the District and on the integration of climate protection activities in existing District programs. Among the recent climate protection activities presented by staff were:

*Outreach and Education Activities*

- Development of a District climate protection web site
- Educational presentations by staff to outside organizations, District staff, Board members, and Advisory Council
- Preliminary plans for a climate protection summit in mid-2006

*Collaboration with and Participation in Local Efforts*

- Participation in Sustainable Silicon Valley and the California Climate Action Registry
- Participation in numerous climate protection meetings and conferences
- Funding of a study prepared by the Sonoma County Climate Protection Campaign and the Community Clean Water Institute. Ann Hancock, Coordinator for the Sonoma County Climate Protection Campaign, made a presentation summarizing this work at the Ad Hoc Committee meeting.

*Regional Emissions Inventory*

- Development of a region wide inventory of greenhouse gas emissions from stationary, area, and mobile sources

Staff also described possible future activities and additional options to integrate air quality management and climate protection. These included:

*Future Activities*

- Climate protection summit in mid-2006
- Further public education and outreach through existing partnership channels and new educational material
- Continued collaboration with the local governments through model ordinances and/or guidance documents
- Continued collaboration with State agencies on climate protection efforts

*Additional Options*

- Grants programs for emission reduction projects
- Greenhouse gas emissions tracking
- Regional emissions inventory publication
- In-house energy efficiency programs

Ad-hoc Committee members provided direction on staff activities and proposals, expressed support for continued outreach through existing partnerships and a regional summit, and suggested additional ideas for climate protection activities.

DISCUSSION

Staff has identified a set of priority climate protection initiatives on which to focus resources in the near term, roughly the next one to two years. These initiatives are described below and will be discussed at the Ad-hoc Committee meeting.

Initiative # 1: Climate Protection Summit

The District will host a high-profile summit on climate change and climate protection in the Bay Area. By educating locally elected officials, government staff, and representatives from private businesses, non-profit organizations and academic institutions on the possible impacts of climate change and on strategies for mitigating/preventing these impacts, the summit will be designed to:

- Inspire participants and the organizations they represent to begin or expand climate protection programs;
- Improve coordination of climate protection activities among all levels of government, private businesses, non-profit organizations and academia;
- Identify where stronger State or federal actions on climate change are needed to help achieve regional and local objectives.

Content design for the summit will be chosen with input from a regional steering committee comprised of individuals and organizations active in climate protection and climate change science. Attendance at the summit is expected to be approximately 300 individuals including locally elected officials and staff, leaders of local businesses, and

staff in existing climate protection programs in the Bay Area. Agenda Item 5 covers the summit in greater detail.

Initiative # 2: GHG Emission Reductions from Stationary Sources

This initiative will fund research (through a competitive request for proposal process) into greenhouse gas emission reduction technologies or processes that could be implemented at stationary sources. This initiative is expected to last 12 months.

Initiative # 3: Bay Area GHG Emission Inventory

District staff has developed a preliminary greenhouse gas emissions inventory for the region. Under this initiative, emissions information will be made available to the public as a technical resource and for educational purposes. Emission inventory estimates may be made available at the county level. An emission inventory could help local governments and others in identifying important sources of greenhouse gases, setting emission reduction targets, and developing programs to reduce emissions. A regional inventory could encourage regional collaboration in reducing greenhouse gas emissions and could provide indicators to track the Bay Area's progress as a region.

Staff will explain and highlight differences between the methodology used to calculate the region's emission inventory and the methodology used by other organizations, such as cities participating in the Cities for Climate Protection Program who also calculate greenhouse gas emissions inventories.

Release of the initial Bay Area greenhouse gas emission inventory is expected to occur in spring 2006. Periodic updates to this inventory would occur in the future.

Initiative # 4: Promotion of Energy Efficiency

This initiative involves implementation of Stationary Source Control Measure 15, "Promote Energy Efficiency" in the 2005 Ozone Strategy. This control measure is intended to educate the public as well as public and private entities about the links among air quality, greenhouse gas emissions and energy conservation, and on taking steps to reduce energy use. This initiative would promote and facilitate implementation of energy efficient projects and development of an energy efficiency model ordinance. Potential projects under this initiative include:

- Development of technical guidance and/or best practices documents and other resources
- Sponsoring of energy efficiency projects at the household/neighborhood level
- Urban heat island effect mitigation projects
- Facilitation of interagency communication (e.g., summit and follow-up forums)
- Educational campaigns

Some local energy efficiency projects have already been funded by the District. Development of technical guidance documents is targeted for early 2007. The outreach to jurisdictions would be ongoing and specific energy efficiency projects would have their own timelines.



Initiative # 5: In-house GHG Emission Reductions

Through this initiative District staff will evaluate and implement measures to reduce electricity and fuel consumption, and therefore greenhouse gas emissions associated with District operations. Strategies will be developed using the in-house inventory prepared by District staff for the California Climate Action Registry. Potential strategies may include:

- More energy-efficient HVAC equipment and use
- Strategies for reduction of vehicle miles traveled on fleet vehicles (e.g., trip chaining, carpooling) and use of more fuel-efficient vehicles
- Use of more energy-efficient office equipment and lighting
- Modification of appliance use (turning off certain office equipment, etc.)

Initiative # 6: Green Schools

This initiative would identify the sources of greenhouse gas emissions typical of schools, develop strategies to reduce a school's carbon footprint, and provide for educational opportunities on climate protection to students. This program could operate in partnership with the California Energy Commission's Bright Schools Program and/or EPA's Energy Star for Schools Program. This initiative could also include a financing or incentive program that would make funds available on a competitive basis to elementary schools in the region for implementation of emission reduction strategies. These strategies could include installation of solar photovoltaic cells, solar hot water heaters, energy efficient devices in buildings and other alternate energy devices.

The first phase of this initiative, evaluation of greenhouse sources at elementary schools and identification of reduction strategies, is targeted for completion in mid 2007.

Further Integration with Current District Activities

In addition to these specific initiatives, staff will continue to look for ways to integrate climate protection into ongoing District activities. Examples of integration include:

- Consideration of greenhouse gas emission reduction benefit as criteria in Transportation Fund for Cleaner Air grant awards
- Integration of climate protection in District CEQA guidelines
- Integration of climate protection in general plan guidelines
- Greenhouse gas emissions tracking through permitting processes

BUDGET CONSIDERATION / FINANCIAL IMPACT:

A substantial portion of the staff resources required to implement the proposed initiatives of the Climate Protection Leadership Program is expected to be absorbed into current District activities; at the moment, program implementation should not require additional staff resources.

Currently no designated funding sources exist for the potential grant programs suggested under initiatives numbers two, four and six. One approach is for the District to set aside a

modest amount of monies from the general fund, on the order of \$150,000, for awarding of competitive climate protection grants or demonstration projects during FY06/07. Potential funding levels are being considered as part of the FY06/07 budget currently under preparation.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Ana Sandoval  
Reviewed by: Dave Vintze

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chair Gayle B. Uilkema and Members  
of the Ad Hoc Committee on Climate Change

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 16, 2006

Re: Status Report on the Upcoming Bay Area Climate Protection Summit

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RECOMMENDED ACTION

None. For information only.

BACKGROUND

The first meeting of the Ad Hoc Committee on Climate Protection was held on December 14, 2005. At this meeting staff reported on recent climate protection activities at the District and on the integration of air quality management and climate protection.

Among the recent climate protection activities presented by staff was an update on the preparation for a District-hosted Climate Protection Summit to be held in mid-2006. Committee members expressed interest and support for this initiative. Staff will present to the Committee an update on plans for the summit.

DISCUSSION

The District will host a high-profile summit on climate change and climate protection in the Bay Area.

*Target Audience*

The targeted audience would include locally elected officials, government staff, and leaders from private businesses, non-profit organizations and academic institutions. Attendance at the summit is expected to be approximately 300 individuals.

*Desired Summit Outcomes*

The summit will be designed to:

- Inspire participants and the organizations they represent to begin or expand climate protection programs
- Improve coordination of climate protection activities among all levels of government, private businesses, non-profit organizations and academia

- Identify where stronger State or federal actions on climate change are needed to help achieve regional and local objectives.

*Potential Summit Activities*

The summit may include activities such as:

- Speaker(s) on overall climate change and climate protection issues including:
  - Science
  - Urgency
  - Possible future scenarios
  - Mitigation
- Speakers, panels, displays, handouts, and presentations on impacts of climate change in the Bay Area, including effects on:
  - Health
  - Air quality
  - Water resources
  - Flooding
- Speakers, panels, displays, handouts, and presentations on:
  - State and federal Climate Protection activities
  - Local climate protection plans and planning processes, e.g., Alameda, Marin, San Francisco, Sonoma, Berkeley, Oakland, and the Air District
  - Local Sustainability/Energy Efficiency/Climate Change efforts, e.g., Sustainable Silicon Valley, Cities for Climate Protection Program, Stopwaste, Kyoto USA, Local Government Energy Partnership
  - Options for Climate Protection measures/mitigation
  - Overcoming barriers to implementation faced by business, governments, and non-profits
- Recognition of governments and organizations already in action

*Summit Preparations*

Content for the summit will be chosen with input from a regional steering committee comprised of individuals and organizations active in climate protection and climate change science, such as representatives from state agencies involved in climate protection, regional partner agencies like ABAG and MTC, local governments that have undertaken climate protection programs, and nonprofit organizations like the International Council for Local Environmental Initiatives and Sustainable Silicon Valley. The kickoff meeting of the summit steering committee is scheduled for March 1.

Summit logistics, such as catering arrangements, space accommodations, and speaker arrangements will be handled by an experienced events organizer.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

The FY05/06 budget includes funds for this event.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Ana Sandoval  
Reviewed by: Dave Vintze