

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109  
(415) 749-5000

## **APPROVED MINUTES**

Advisory Council Regular Meeting  
9:00 a.m., Wednesday, July 14, 2010

### **CALL TO ORDER**

**Opening Comment:** Chairperson Bramlett called the meeting to order at 9:00 a.m.

**Roll Call:** Chairperson Jeffrey Bramlett, M.S., Vice Chairperson Ken Blonski, M.S.; Secretary Stan Hayes; Council Members Jennifer Bard, Benjamin Bolles, Harold Brazil, John Holtzclaw, Ph.D., Robert Huang, Ph.D., Kraig Kurucz, M.S., Gary Lucks, JD, CPEA, REA I, Kendall Oku, Michael Sandler, Jonathan Ruel and Dorothy Vura-Weis, M.D., M.P.H.

**Absent:** Council Members Louise Bedsworth, Ph.D., Robert Bornstein, Ph.D., Alexandra Desautels, and Rosanna Lerma, P.E., Jane Martin, Dr.Ph.D., and Debbie Mytels

**Public Comment Period:** There were no public comments.

### **Consent Calendar:**

#### **1. Approval of Minutes of the June 9, 2010 Advisory Council Meeting**

Council Members requested the following corrections to the June 9, 2010 minutes:

- Page 13, last paragraph, 3<sup>rd</sup> sentence; replace the word, “photosynthetics” with “photosynthesis”;
- Page 2, 2<sup>nd</sup> paragraph, replace “power plans” with “power plants”;
- Page 4, 5<sup>th</sup> paragraph; “Mr. Carter added they believe this could be realistic to sell in the next few years as a ~~produce~~ product salable on market.”
- Page 6; “He referred to the problem, stating that beginning in the industrial revolution the use of fossil fuels skyrocketed in the 1940’s and it is now on the order of 25 billion tons per year of CO2 emitted by the burning of fossil fuels.”
- Page 10; last sentence; “She described how cap and trade ~~compliments~~ complements the other components of AB 32 implementation plan,”
- Page 12, 3<sup>rd</sup> paragraph, 3<sup>rd</sup> line; “The beauty of the cap and trade compared to a BACT approach is that it gives companies under the cap flexibility.”

**Council Action:** Member Hayes made a motion to approve the minutes of June 9, 2010, as amended; Member Holtzclaw seconded the motion; unanimously carried without objection.

**PRESENTATION: CALIFORNIA’S 2050 GHG EMISSION REDUCTION TARGET – CONTROL TECHNOLOGIES & STRATEGIES FOR INDUSTRIAL & ELECTRIC POWER SECTORS**

## **2. Discussion of Draft Report on the Advisory Council's June 9, 2010 Meeting on California's 2050 GHG Emission Reduction Target of 80% Below 1990 Levels – Control Technologies and Strategies for the Industrial and Electric Power Sectors**

Council Member Sandler said he served as Lead Author and thanked participants for their feedback and work on the Draft Report. He grouped the categories of carbon capture, membrane capture, sequestration, and cap and trade, and identified their individual emerging issues and recommendations.

Council Members discussed the Draft Report section by section and provided additions, deletions, and statements for further refinement. They agreed that the work group members would further refine and finalize the Draft Report.

## **3. Report from Advisory Council Members attending the Annual Air & Waste Management Association (AWMA) Meeting June 22-25, 2010**

It was noted that Secretary Blonski, and Council Members Holtzclaw and Bornstein attended the A&WMA Conference on behalf of the Air District, as well as Council Members Brazil and Hayes, who attended on behalf of their respective employers. Those Council Members attending the conference individually provided a brief report on highlights of conference sessions, presentations, and activities.

## **OTHER BUSINESS**

### **4. Council Member Comments/Other Business**

Council Member Lucks suggested work group members meet at the conclusion of the meeting to further refine the Draft Report, to be presented at the September 8, 2010 Advisory Council meeting.

Chairperson Bramlett reported that he and Council Member Kurucz attended the June 16, 2010 Board of Directors meeting. Mr. Kurucz served as lead author for the Final Report from the March 10, 2010 Advisory Council Meeting on California's 2050 Greenhouse Gas (GHG) Emission Reduction Target – Industrial Sector.

Council Member Kurucz said he provided a PowerPoint presentation to the Board, recapped discussions of the Advisory Council's work to date, presented recommendations developed by the Advisory Council work group, and identified industrial sector emerging issues.

Vice Chairperson Blonski noted that there is an excellent article in the Bay Area Monitor regarding volatile organic compounds and eucalyptus.

Council Member Bard reported that Sonoma County has identified its targets for reducing GHG's for land use and transportation for 2020 and 2035, which are 7% for 2020 and 10% for 2035. The California Air Resources Board (CARB) is hosting a workshop and will receive feedback on the targets on July 21, 2010 10:30 to 1:30 p.m. at Caltrans, 111 Grand Avenue, Oakland. The Metropolitan Transportation Commission (MTC) has reviewed additional models which show that up to 18% in reductions by 2035 is feasible with a variety of modeling that looks at land use, pricing, and additional technologies. The MTC Board will vote at its July 28, 2010 meeting on its final targets.

Additionally, Council Member Bard stated that CARB is updating its advanced clean cars regulations. She said the greatest emissions reductions will be from the transportation sector through advanced car technology, and it is important that regulations move forward to achieve goals. Four regulations are being updated. She asked for organizations to sign onto the campaign and distributed endorsement forms. She

also reported that Proposition 23 will be on the November ballot and asked that individuals and organizations join the “No on 23 Campaign.”

Council Member Kurucz provided an update on alternative energy projects at Lockheed Martin, referred to the 60 Minutes report on the blume energy fuel cells, and reported that they are moving forward with installing a ½ MW project at their site. He said the efficiency of electricity goes from 36% to 52% by producing it locally without the transmission losses. On a more personal note, he reported that he had solar panels installed at his own residence, and over a period of 3 days, his meter went negative for kilowatt hours.

Council Member Lucks reported that on July 27, 2010, he will attend the Annual Meeting of the West Coast Regional Auditing Roundtable. He also noted that he is teaching a course on Climate Change and California’s AB 32 law on July 30, 2010, at UC Berkeley Extension in San Francisco.

**5. Time and Place of Next Meeting** - 9:00 a.m. – 11:00 a.m., Wednesday, September 8, 2010, 939 Ellis Street, San Francisco, CA 94109.

**6. Adjournment:** The meeting adjourned at 11:17 a.m.

*/s/ Lisa Harper*

Lisa Harper  
Clerk of the Boards