

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

APPROVED MINUTES

Summary of Board of Directors
Stationary Source Committee Meeting
9:30 a.m., Friday, June 15, 2007

1. **Call to Order – Roll Call:** Chairperson Scott Haggerty called the meeting to order at 9:36 a.m.

Present: Scott Haggerty, Chair, John Gioia, Jerry Hill, Jake McGoldrick (9:43 a.m.), Michael Shimansky, John Silva, Pamela Torliatt (9:38 a.m.).

Absent: Nate Miley, Gayle B. Uilkema.

Also Present: Mark Ross, Board Chair.

2. **Public Comment Period:** The following individual spoke under Public Comment Period:

Charlie Peters
Clean Air Performance Professionals
84 Hoy Avenue
Fords, NJ 08863

Mr. Peters commented on an article in the June 14th *San Francisco Chronicle* regarding proposed legislation (AB118) to increase fees on California motorists to pay for cleaner air.

Director Pamela Torliatt arrived at 9:38 a.m.

3. **Approval of Minutes of April 16, 2007:** Director Hill moved approval of the minutes; seconded by Director Torliatt; carried unanimously without objection.

4. **Status Report on Flare Minimization Plans Required Under Regulation 12, Rule 12: Flares at Petroleum Refineries:** *Staff presented petroleum refinery flare emission trends for the five Bay Area refineries and discussed the Flare Minimization Plans submitted by the refineries to reduce the frequency and magnitude of flaring.*

Kelly Wee, Director of Compliance and Enforcement, presented the report and provided an overview of flare operations and the regulatory history.

Director Jake McGoldrick arrived at 9:43 a.m.

Mr. Wee reviewed the 6-year flare emissions daily trend, the non-methane hydrocarbon (NMHC) flare emissions trend, and the SO₂ flare emissions trend from 2001 to the present. Mr. Wee noted that this information is on the Air District's web site. A chart showing recent NMHC flare emissions from each of the refineries was reviewed.

In response to questions from Committee members, Mr. Wee noted the following:

- Emissions from refineries vary over time.
- Turnarounds for refinery units are done every three to five years.
- Emission reduction benefits from lessons learned to reduce flaring from a turnaround might not be seen until the next turnaround; looking at a five year rolling average is the best way to calculate the emission reductions from these activities.
- Chevron had significant flaring emissions in 2007 due to an emergency during a turnaround.
- Age of the equipment, capital improvements, source reduction and operational experience all factor into emission reductions.

Director Gioia requested staff provide information on flaring for each of the refineries related to: 1) maintenance and turnaround; 2) emergency flaring; 3) daily operations; and any other major categories of activities that cause flaring.

Wayne Kino, Air Quality Program Manager, continued with the report and reviewed prevention measures, which are designed to reduce flaring incidents and magnitude. Mr. Kino provided an overview of specific preventive measures to be taken at each facility. Planned reductions were discussed and a review of the public comments was provided. Areas that must be addressed in order for the Air District to approve a Flare Minimization Plan (FMP) include: source reduction, compressor capacity, adequate scrubbing capacity, and balanced flare gas/fuel gas systems.

Mr. Kino described the next steps, including responding to the public comments, final action by the Air Pollution Control Officer to approve or disapprove of the FMP, and that the first FMP update would be due within 12 months of approval of each Plan.

In response to questions from Committee members, Mr. Kino noted the following:

- The compressors are powered by electricity.
- Outreach to various agencies, including County Health Departments, was extensive and many came to the public meetings.
- District staff will work with the refineries to verify compressor capacity is sufficient.
- There was extensive discussion on back-up compressors regarding cold starts, wear and tear on the equipment if in continuous mode, and emissions. Director McGoldrick requested staff provide additional information on this item.

The following members of the public spoke on this agenda item:

Jessica Tovar
CBE
Oakland, CA 94116

Todd Lopez
Valero
Benicia, CA 94510

Greg Karras
CBE
Oakland, CA 94612

Jen Ahlskog
Conoco Phillips
Rodeo, CA 94572

Delphine Smith
CBE
Oakland, CA 94612

Kathy Wheeler
Shell Refinery
Martinez, CA 94553

Curtis Anderson
Chevron
Richmond, CA 94802

Valerie Weaver
Tesoro
Martinez, CA 94553

Tery Lizarraga
Chevron
Richmond, CA 94802

Dennis Bolt
WSPA
Concord, CA 94527

Director Torliatt requested additional information on compressors including: 1) the maintenance schedules for the equipment at each refinery, 2) compressor back-up systems, and 3) where emissions are coming from.

In response to a question from Director Gioia regarding next steps in the FMP process, Jack Broadbent, Executive Officer/APCO, stated that after final action was taken on the Plans, and providing all were approved, they would next be reviewed in July or August 2008.

Committee Action: The Committee received and filed the report.

5. **Proposed New Regulation 6, Rule 2: Commercial Cooking Equipment:** *The Committee discussed proposed Regulation 6, Rule 2: Commercial Cooking Equipment work plan.*

Mr. Broadbent briefly discussed the next steps to be taken regarding the proposed regulation. The steps include conducting a study of Bay Area restaurants regarding charbroiler grill sizes, meats cooked, and types and sizes of restaurants. The Air District will also continue to receive input on the proposed rule and it is anticipated the rule will come before the Board for public hearing in the fall of 2007.

The following individual spoke on this agenda item:

Johnnise Downs
California Restaurant Association
Sacramento, CA 95829

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

6. **Committee Member Comments/Other Business:** There were none.
7. **Time and Place of Next Meeting:** At the Call of the Chair
8. **Adjournment:** The meeting adjourned at 11:36 a.m.

/s/ Mary Romaidis
Mary Romaidis
Clerk of the Boards