



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
STATIONARY SOURCE COMMITTEE MEETING

COMMITTEE MEMBERS

GAYLE B. UILKEMA - CHAIRPERSON
SUSAN GARNER
CAROL KLATT
JIM SPERING
JOHANNA PARTIN

JOHN GIOIA - VICE CHAIRPERSON
DAVID HUDSON
ERIC MAR
JOHN AVALOS

THURSDAY
SEPTEMBER 29, 2011
9:30 A.M.

7TH FLOOR BOARD 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 Board's authority. Speakers will be limited to three (3) minutes each.
3. **APPROVAL OF MINUTES OF JULY 7, 2011**
4. **DRAFT REGULATION 12, RULE 13: METAL MELTING AND PROCESSING OPERATIONS**
H. Hilken/4642
hhilken@baaqmd.gov

The Committee will receive an update on proposed draft rule 12-13, Metal Melting and Processing Operations, comments received and next steps in the rule development process.
5. **DRAFT REGULATION 8, RULE 53: VACUUM TRUCK OPERATIONS** H. Hilken/4642
hhilken@baaqmd.gov

The Committee will receive an update on proposed draft rule 8-53, Vacuum Trucks Operations.
6. **COMMITTEE MEMBER COMMENTS/OTHER BUSINESS**
Any member of the Board, 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 THE EXECUTIVE OFFICE - 939 ELLIS STREET SF, 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 Executive Office should be given at least 3 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 Air District's headquarters 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 Air 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

SEPTEMBER 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> - CANCELLED	Wednesday	7	9:45 a.m.	Board Room
Board of Directors Personnel Committee <i>(At the Call of the Chair)</i> - RESCHEDULED TO 9/19/11	Monday	12	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Meeting <i>(Meets 2nd Wednesday each Month)</i>	Wednesday	14	9:00 a.m.	Board Room
Board of Directors Personnel Committee <i>(At the Call of the Chair)</i>	Monday	19	9:30 a.m.	4 th Floor Conf. 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>	Thursday	22	9:30 a.m.	Board Room
Board of Directors Legislative Committee <i>(At the Call of the Chair)</i>	Monday	26	9:45 a.m. Immediately Following Public Outreach Cme.	4th Floor Conf. Room
Board of Directors Stationary Source Committee <i>(At the Call of the Chair)</i>	Thursday	29	9:30 a.m.	Board Room

OCTOBER 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	5	9:45 a.m.	Board Room
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>	Wednesday	19	9:45 a.m.	Board Room
Board of Directors Budget & Finance Committee <i>(At the Call of the Chair)</i>	Wednesday	19	Following Board Meeting	Board 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

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
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
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

MM – 9/21/11 (2:28 a.m.)

P/Library/Forms/Calendar/Calendar/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Uilkema and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 26, 2011

Re: Stationary Source Committee Draft Minutes

RECOMMENDED ACTION

Approve attached draft minutes of the Stationary Source Committee meeting of July 7, 2011.

DISCUSSION

Attached for your review and approval are the draft minutes of the July 7, 2011 Stationary Source Committee meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Maricela Martinez
Reviewed by: Jennifer Cooper

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

DRAFT MINUTES

Summary of Board of Directors
Stationary Source Committee Meeting
Thursday, July 7, 2011
9:30 a.m.

1. CALL TO ORDER: Chairperson Gayle B. Uilkema called the meeting to order at 9:34 a.m.

Roll Call: Present: Chairperson Gayle B. Uilkema, Directors David Hudson, Carol Klatt, and Jim Spering were present.

Absent: Vice Chairperson John Gioia, Directors John Avalos, Susan Garner, Eric Mar and Johanna Partin were absent.

Also Present: Board Chairperson Tom Bates

2. Public Comments: Chair Uilkema opened the public comment period. Mr. Douglas Dougherty representing the California Metal Coalition appeared before the Committee to comment on the Metal Melting Rule currently in development by the Air District.

3. Approval of Minutes of May 5, 2011

Committee Action: Director Hudson moved to approve the minutes of May 5, 2011. The motion was seconded by Director Spering and carried unanimously without opposition.

4. Production System Status Update

Jeff McKay, Deputy Air Pollution Control Officer, presented the staff report and gave Committee members an overview of the Production System demonstration. Mr. McKay outlined the history of the project, which began with a proposal in 2006 for a District-wide redesign of permitting and compliance processes. Mr. McKay stated that the regulated community, especially the California Council for Environmental and Economic Balance (CCEEB), stated a strong desire for updated Air District Permitting systems during their participation in the cost recovery study.

John Chiladakis, Director of Information Services, continued the presentation and provided the Committee members with detailed information about the various technologies, software systems and programs used over the years by the Air District. He described the uses and limitations of the current,

non-integrated systems and the need to update and integrate the processes. Mr. Chiladakis explained the goal of the new production system was to create a program that was consistent, efficient and customer service oriented as well as integrated and accessible. He explained the benefits of an integrated system that allows both the Air District and users to view information, track status of permits, and update files.

Committee Member Comments:

Committee members discussed the development of a procedures manual, cost recovery work, and the reduction in staff time.

Committee members expressed concern about implementing the Production System into a long term strategy and keeping it updated. Training methods for Air District personnel were also discussed.

Public Comment: Chair Uilkema opened the public comment period.

Mr. Quinn, CCEEB, stated that he is thrilled with the system. Mr. Quinn stated that he supports moving to a system where customers have access to the same information as the Air District. Mr. Quinn supports using CCEEB members to assist with trial testing of the Production System. Mr. Quinn congratulated staff on their efforts.

Committee Comments/Questions:

Director Uilkema asked if customers can pay for permits online and how these customers are protected from having sensitive information released.

Mr. Chiladakis stated that some permits can be paid online, and that this system was designed with security in mind. The system has encrypting software to protect the customers.

Director Uilkema asked if the Air District sells any of the customer's data or if it is released.

District Counsel Brian Bunger stated that most of the information is considered to be public information and may be obtained through a Public Records request.

Director Sperring asked if correspondence and letters can be seen for each individual customer.

Mr. Chiladakis stated that all correspondence and letters are scanned and accessible.

Committee members discussed presenting the full presentation to the Board of Directors or presenting a shorter version of the presentation. Recommend short version.

Committee Action:

None; receive and file.

5. **Committee Member Comments/Other Business:**
6. **Time and Place of Next Meeting:** At the call of the Chairperson.
7. **Adjournment:** Meeting adjourned at 11:08 a.m.

Jennifer Cooper
Acting Clerk of the Board

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Uilkema and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 12, 2011

Re: Draft Regulation 12, Rule 13: Metal Melting and Processing Operations

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Air District staff is developing a proposed new rule to address emissions from metal melting and processing operations. The effort is derived from Stationary Source Measure 1 in the 2010 Clean Air Plan. The Stationary Source Committee previously heard reports on this measure on April 12, 2010 and March 3, 2011.

There are approximately 25 to 30 foundries and other facilities that conduct metal melting operations in the Air District. There are also over 100 scrap metal recycling facilities, three of which operate large shredders or hammer mills. These large shredders are the major source of particulate matter emissions from these recycling operations. Metal melting and processing operations are subject to Air District rules and regulations and may be subject to Federal and State air toxics control measures. The facilities emit particulate matter, organic emissions, organic and inorganic toxic emissions and odors, sometimes triggering complaints and community concerns. On June 23, 2011, Air District staff released a draft regulatory proposal, Regulation 12, Rule 13: Metal Melting and Processing Operations. This draft proposal includes emissions limits, operational standards, requirements for the development of comprehensive compliance plans, and monitoring and recordkeeping provisions.

Air District staff hosted workshops on the draft proposal in Oakland and Redwood City on July 27, 2011 and July 28, 2011, respectively. Over two hundred people attended the evening Oakland workshop. Attendees included foundry workers, industry and union representatives, and community and environmental organization representatives. Eighteen people attended the afternoon workshop in Redwood City, including industry representatives, and property and business owners that are neighbors to a major recycling facility.

Air District staff received a considerable number of public comments at and following the workshops. In addition to evaluating these comments for responses, Air District staff has continued to investigate potential regulatory requirements, discussed the proposal with industry representatives, and is refining emissions data to better estimate costs and benefits of a proposal.

Air District staff proposes to draft a second proposal and seek input and conduct additional public workshops before bringing a final proposal before the Board of Directors.

DISCUSSION

In this report, staff will provide the Committee with information on:

- Overview of the June 2011 draft regulatory proposal;
- Summary of comments made on the proposal at and subsequent to the July workshops;
- Further work accomplished since the workshops;
- Next steps in the regulatory process.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Daniel Belik
Reviewed by: Henry Hilken

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Uilkema and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 13, 2011

Re: Draft Regulation 8, Rule 53: Vacuum Truck Operations

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Stationary Source Control Measure SSM-5 of the 2010 Clean Air Plan identified vacuum truck operations as a potential source of organic emission reductions. Vacuum trucks are used by a variety of Bay Area industries to remove materials from storage tanks, vessels, boxes, and pipelines and transport them to another on-site location or to a landfill or processing facility. Vacuum trucks also are used to transport waste from restaurants, dairies, septic systems, and portable toilets. Government agencies use vacuum trucks to service spills on streets and highways and remove debris from sewers, catch basins, septic tanks and wastewater treatment plants. Vacuum trucks are used extensively in industrial settings such as refineries, marine terminals, and industrial wharfs. They contribute to air pollution primarily when hydrocarbon-containing liquids or sludge are loaded, generating organic vapor emissions.

Air District staff developed a draft of Regulation 8, Rule 53 that applies to those facilities where significant loading of hydrocarbon-containing materials occurs: refineries, fuel terminals, and pipeline facilities. Staff conducted two public workshops, one on July 21, 2011 in Martinez and the other on July 25, 2011 at the Air District office. Based on approximately 30 source tests conducted by the District at refineries and gasoline bulk terminals and on comments at the workshops, staff is focusing the rule on materials that have the highest emissions and for which controls would be most cost effective.

DISCUSSION

In this report, Staff will present information on:

- Background on Bay Area vacuum trucks and vacuum truck operations;
- Overview of draft Regulation 8, Rule 53;
- Summary of comments received at the public workshops;
- Remaining work to be done to develop the rule; and,
- The rule development process including remaining steps.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: William Thomas Saltz

Reviewed by: Henry Hilken