



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
STATIONARY SOURCE COMMITTEE MEETING

COMMITTEE MEMBERS

JOHN GIOIA - CHAIRPERSON
TOM BATES
SCOTT HAGGERTY
JAN PEPPER
JIM SPERING

JOHN AVALOS - VICE CHAIR
CAROLE GROOM
ERIC MAR
MARY PIEPHO

MONDAY
FEBRUARY 24, 2014
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, and on the Air District's website www.baaqmd.gov 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 OCTOBER 21, 2013**

4. **DISCUSSION OF LEHIGH SOUTHWEST CEMENT COMPLIANCE WITH REGULATION 9, RULE 13**

J. McKay/4629

jmckay@baaqmd.gov

Air District staff will provide an overview of Lehigh Southwest Cement Company's compliance status with Regulation 9, Rule 13: Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing.

5. **UPDATE ON SIMS METAL MANAGEMENT FACILITY**

J. McKay/4629

jmckay@baaqmd.gov

Air District staff will provide an update on the status of the Sims Facility located in Redwood City, California.

6. **UPDATE ON THE DEVELOPMENT OF REGULATION 12, RULE 15: PETROLEUM REFINING EMISSIONS TRACKING**

J. Roggenkamp/4646

jroggenkamp@baaqmd.gov

Air District staff will provide an update on the development of a new Petroleum Refinery Emissions Tracking rule, which is an element of the Work Plan for Action Items Related to Accidental Releases from Industrial Facilities (October 2012).

7. 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)

8. TIME AND PLACE OF NEXT MEETING - Monday, March 17, 2014, Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, California 94109 at 10:30 a.m.

9. ADJOURNMENT

**CONTACT THE CLERK OF THE BOARDS
939 ELLIS STREET SF, CA 94109**

**(415) 749-5073
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.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109
FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

FEBRUARY 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Committee <i>(Meets Quarterly – At the Call of the Chair)</i>	Monday	24	9:30 a.m.	Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i> - CANCELLED	Wednesday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	27	9:30 a.m.	Board Room

MARCH 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i> -CANCELLED	Wednesday	5	9:45 a.m.	Board Room
Advisory Council Regular Meeting <i>(Meets on the 2nd Wednesday of each Month)</i>	Wednesday	12	9:00 a.m.	Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	17	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	19	9:45 a.m.	Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of Every Other Month)</i>	Thursday	20	9:30 a.m.	Board Room
Board of Directors Personnel Committee <i>(At the Call of the Chair)</i>	Monday	24	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	27	9:30 a.m.	Board Room

APRIL 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	2	9:45 a.m.	Board Room
Advisory Council Regular Meeting <i>(Meets on the 2nd Wednesday of each Month)</i>	Wednesday	9	9:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	16	9:45 a.m.	Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	21	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	24	9:30 a.m.	Board Room

MM – 2/19/14 (1:19 p.m.)

P/Library/Forms/Calendar/Calendar/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson John Gioia and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/Air Pollution Control Officer

Date: February 10, 2014

Re: Approval of the Minutes of October 21, 2013

RECOMMENDED ACTION

Approve attached draft minutes of the Stationary Source Committee meeting of October 21, 2013.

DISCUSSION

Attached for your review and approval are the draft minutes of the Stationary Source Committee meeting on October 21, 2013.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sean Gallagher
Reviewed by: Rex Sanders

Attachment

Bay Area Air Quality Management District
939 Ellis Street
San Francisco, California 94109
(415) 749-5073

DRAFT MINUTES

Summary of Board of Directors
Stationary Source Committee Meeting
Monday, October 21, 2013

1. Call to Order – Roll Call

Committee Chairperson John Gioia called the meeting to order at 10:42 a.m.

Present: Committee Chairperson John Gioia; Vice Chairperson John Avalos; and Directors Scott Haggerty, Eric Mar and Nate Miley.

Absent: Directors Tom Bates, Carole Groom, Mary Piepho and James Spring.

Also Present: Board of Directors Chairperson Ash Kalra.

2. Public Comment Period: None.

3. Rule Effectiveness Study [OUT OF ORDER]

Wayne Kino, Director of Compliance and Enforcement, gave the staff presentation Rule Effectiveness Study, including an overview of Air District compliance and enforcement programs, the rule effectiveness study objectives, and overviews of the rule effectiveness studies of Regulation 8, Rule 5: Tank Degassing, and Regulation 9, Rule 7: Boilers.

NOTED PRESENT: Board Chairperson Kalra was noted present at 10:51 a.m.

The Committee and staff discussed the state of discussions with Mayor Lee regarding non-compliance by the City and County of San Francisco.

Mr. Kino concluded the presentation.

Committee Comments:

Jack Broadbent, Executive Officer/Air Pollution Control Officer (APCO), explained that the presentation covered subject matter not generally brought before the Board and was delivered to convey a sense of staff's hard work to bring sources into compliance and that further updates will be provided.

NOTED PRESENT: Director Mar was noted present at 10:57 a.m.

Public Comments: None.

Committee Action: None; informational only.

4. Approval of Minutes of September 16, 2013

Committee Comments: None.

Public Comments: None.

Committee Action:

Director Haggerty made a motion to approve the Minutes of September 16, 2013; Director Avalos seconded; and the motion carried unanimously.

5. Update on Neptune Crematorium

Jim Karas, Director of Engineering, gave the staff presentation Update on Neptune Crematorium, including background and health risk assessment result.

Committee Comments:

Committee Chairperson Gioia asked, regarding slide 5, Permit History & Information, that future presentations and staff reports that include cancer risk quantifications also include figures for other emissions to help provide context and perspective for the Board and public. Mr. Karas and Brian Bunger, District Counsel, shared similar statistics to provide context and perspective.

The Committee and staff discussed the community controversy relative to the facility, the Air District's role in the city permit analysis process, the role of cumulative impacts analysis during the Air District permit evaluation process, the viability of local jurisdictional bans on crematoriums through land use planning, and the proximity of residences to Neptune.

Public Comments: None.

Committee Action: None; informational only.

6. Report on Formaldehyde Emissions from Wood Coatings

Mr. Hilken introduced the topic and Guy Gimlen, Senior Air Quality Engineer of Planning, Rules and Research, who gave the staff presentation Formaldehyde Emissions from Wood Coatings, including overview, 2009 Amendments to Wood Coatings Rule, an explanation of formaldehyde emissions, a summary of 2011 formaldehyde emissions and conclusions.

Committee Comments:

The Committee and staff discussed whether and under what rule the Air District regulates glues, about the toxic components of glues and coatings, the regulation of adhesives by the California Air Resources Board, and the state of regulation regarding coatings.

Public Comments: None.

Committee Action: None; informational only.

7. Committee Member Comments/Other Business: None.

8. Time and Place of Next Meeting:

Monday, November 18, 2013, Bay Area Air Quality Management District Headquarters, 939 Ellis Street, San Francisco, California, 94109 at 10:30 a.m.

9. Adjournment: The meeting adjourned at 11:31 a.m.

Sean Gallagher
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 24, 2014

Re: Discussion of Lehigh Southwest Cement Compliance with Regulation 9, Rule 13

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Lehigh Southwest Cement Plant is located in unincorporated Cupertino at the end of Stevens Creek Boulevard. The facility excavates limestone from an on-site quarry for use as a raw material in cement manufacturing. The limestone, and other raw materials, are crushed into a fine powder and blended in the correct proportions. This blended raw material is heated in a pre-heater and rotary kiln where it reaches temperatures of about 2,800 degrees Fahrenheit. The fuel used to heat the kiln is currently petroleum coke. The material formed in the kiln, known as “clinker”, is cooled and then ground and blended with gypsum to form Portland cement. In addition to cement, the facility also produces and sells construction aggregates.

On September 9, 2013, Lehigh Southwest Cement Company became subject to the requirements of Regulation 9, Rule 13: Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing.

DISCUSSION

Staff will provide an overview of Lehigh Southwest Cement Company’s compliance status with Regulation 9, Rule 13: Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 24, 2014

Re: Update on Sims Metal Management Facility

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On November 12 and December 17, 2013, fires occurred at the Sims Metal Management facility, located at 699 Seaport Blvd., Redwood City. This facility is a scrap metal processing facility that shreds cars and appliances for recycle. The fires occurred in the pile of non-automobile scrap materials that were waiting to be shredded.

DISCUSSION

Air District staff will provide the Committee with an update of the current status of this facility.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 14, 2014

Re: Update on the Development of Regulation 12, Rule 15: Petroleum Refining
Emissions Tracking

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On October 17, 2012, the Board of Directors approved staff's *Work Plan for Action Items Related to Accidental Releases from Industrial Facilities* that included, among the key actions, the development of a new rule that would apply to Bay Area petroleum refineries. The new rule is intended to address potential increases in air emissions from Bay Area petroleum refineries that might occur over time, including emission increases associated with the use of lower quality crude slates. The proposed regulatory approach involves the following basic elements:

- Establish existing baseline air emissions from each refinery (i.e., the quantities of various air pollutants that are emitted);
- Track the quantity of air emissions from each refinery in the future on an on-going basis;
- If air emissions from a refinery increase above baseline levels (in an amount that exceeds specified trigger-levels), require that the cause(s) of the emissions increase be identified, and a plan prepared and implemented to reduce emissions; and
- Establish fence-line and community air monitoring systems to better understand and track the impact that refinery emissions have on local air quality.

DISCUSSION

In this report, staff will provide the Committee with an update on the development of the new Petroleum Refining Emissions Tracking rule, including:

- The rule development activities and stakeholder outreach completed to date.
- The elements of the initial draft rule issued by staff in March 2013.
- Public comments received on the initial draft rule and preliminary staff responses to these comments.
- Proposed changes to the draft rule in response to comments received.

- The rule development work that remains to be done and the expected completion schedule.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None. Staff intends on proposing a new fee schedule in order to recover the Air District's costs of developing and implementing the new rule.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian Bateman
Reviewed by: Jean Roggenkamp