



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

PUBLIC WORKSHOP NOTICE

February 23, 2015

TO: INTERESTED PARTIES
FROM: EXECUTIVE OFFICER / APCO
SUBJECT: **PUBLIC WORKSHOP - DRAFT REGULATION 12, RULE 15:
PETROLEUM REFINING EMISSIONS TRACKING AND DRAFT
REGULATION 12, RULE 16: PETROLEUM REFINING
EMISSIONS ANALYSIS, THRESHOLDS AND MITIGATION**

The staff of the Bay Area Air Quality Management District will conduct four public workshops to present, discuss, and receive comments on two new draft rules: draft **Regulation 12, Rule 15: Petroleum Refining Emissions Tracking** and draft **Regulation 12, Rule 16: Petroleum Refining Emissions Analysis, Thresholds and Mitigation**. The details of the upcoming workshops are presented below:

Benicia
Monday, March 16, 2015
5:30 PM-7:00 PM
Benicia Senior Center
187 East L Street

Richmond
Tuesday, March 17, 2015
5:30 PM-7:00 PM
Madeline F Whittlesey Community Room
325 Civic Center Plaza

Martinez
Wednesday, March 18, 2015
5:30 PM- 7:00 PM
Contra Costa County Chambers
651 Pine Street

San Francisco*
Friday, March 20, 2015
10:30 AM- 12:00 PM
Air District Board Room, 7th Floor
939 Ellis Street
****Meeting will be webcast***

Comments relating to the draft proposals should be addressed to:

Eric Stevenson, Director
Technical Services Division,
Bay Area Air Quality Management District
939 Ellis Street,
San Francisco, CA 94109.
ESTevenson@baaqmd.gov.

The comment period has been extended. Written comments, submitted by U.S. mail or electronic mail, are requested by close of business, Friday, March 27, 2015

BACKGROUND:

The Air District is developing two new draft rules that would affect the five Bay Area refineries. The first of the two proposals, draft Regulation 12, Rule 15: Petroleum Refining Emissions Tracking (Rule 12-15) would gather emissions inventory and crude slate information from the refiners and increase air monitoring activities at the refinery fence lines and in nearby communities. The proposed rule would put in place requirements to enhance the tracking of refinery emissions and crude composition over time. Tracking this information would allow the Air District to use emissions inventory data, crude oil information and air monitoring data to identify any potential relationship between emissions and crude oil quality. In addition, the rule would also require updated Health Risk Assessments (HRAs) be performed utilizing the latest methodology and health effects data to provide additional information regarding health risk from air emissions at refineries. Specifically, this rule would require Bay Area refineries to submit the following major elements:

- Report on-going annual emissions inventories of criteria pollutants, Toxic Air Contaminants (TACs) and Greenhouse Gases (GHG) based on upgraded methods, including emissions from refinery cargo carriers;
- Establish a Petroleum Refinery Emissions Profile (PREP), and require that on-going emissions inventories include comparisons with the PREP;
- Report on-going crude oil characteristics with annual emissions inventories (e.g., sulfur and nitrogen content, API gravity, Total Acid Number);
- Update refinery-wide HRAs based on upgraded TAC emissions inventories and revised California EPA Office of Environmental Health Hazard Assessment (OEHHA) HRA guidelines;
- Enhance fence line air monitoring systems and establish community air quality monitoring systems.

The second proposal, which is a companion to and complements Rule 12-15, Draft Regulation 12, Rule 16: Petroleum Refining Emissions Analysis, Thresholds and Mitigation (Rule 12-16) and will require refiners to investigate causes and mitigate emissions increases. Specifically, this rule will require Bay Area refineries to submit the following major elements:

- Causal Analysis of criteria pollutants, GHG and TACs if trigger levels are exceeded;
- Mitigation plan to bring criteria pollutants and TACs below trigger levels within two years;
- Identification of Control Technology (Audit) of all sources if reductions not achievable within two years to identify potential to further reduce emissions;
- Updates to mitigation plan if proposed progress is not made within two year window; and

- Health Risk Assessments (HRA) updates if risk increases above trigger levels

COMMENTS AND FURTHER INFORMATION:

The draft proposals are available on the Air District website at the following URL: <http://www.baaqmd.gov/Divisions/Planning-and-Research/Rule-Development/Rule-Workshops.aspx>. For additional information or to submit comments, please contact Eric Stevenson, at (415) 749-4695 or via e-mail at ESTevenson@baaqmd.gov. **The comment period has been extended. Written comments, submitted by U.S. mail or electronic mail, are requested by close of business, Friday, March 27, 2015.**