



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

PUBLIC WORKSHOP NOTICE

September 20, 2005

TO: INTERESTED PARTIES
FROM: EXECUTIVE OFFICER / APCO
SUBJECT: **DRAFT AMENDMENTS TO REGULATION 8, RULE 44:
MARINE VESSEL LOADING TERMINALS, RULE 46: MARINE
TANK VESSEL TO MARINE TANK VESSEL LOADING, and
MANUAL OF PROCEDURES, VOLUME IV, ST-34: BULK AND
MARINE LOADING TERMINALS – VAPOR RECOVERY UNITS**



The staff of the Bay Area Air Quality Management District will conduct a public workshop to review and discuss draft amendments to Regulation 8, Rule 44: Marine Vessel Loading Terminals, and Rule 46: Marine Tank Vessel to Marine Tank Vessel Loading, from **6:00 pm to 8:00 pm** on the date and at the location shown below:

Wednesday, October 19, 2005

Benicia City Council Chambers
250 East "L" Street
Benicia, California 94510

BACKGROUND:

District Regulation 8, Rule 44 requires control of emissions from loading of crude oil, gasoline, gasoline blending stocks, aviation gas, and JP-4 jet fuel into marine vessels. Rule 46 requires controls for the same cargos when they are transferred (lightered) from ship to ship.

Organic compound emissions are generated when marine tank vessels are loaded with organic liquids because the liquid entering the tank displaces vapors remaining from the prior cargo as well as vapors generated by evaporation of the liquid being loaded. Although these loading emissions do not occur on a daily basis, they can be significant when they do occur. In 1989, the District adopted Rules 44 and 46 to reduce emissions from these activities. The currently regulated cargos are responsible for most of the emissions from these activities.

In 2003, the District hosted a workshop on proposed amendments to Rules 44 and 46. Based in part on comments received at the earlier workshop, the District has now revised its proposal and will discuss the new proposal at the October 19th workshop.

REGULATORY PROPOSAL:

The proposed amendments would:

- Reduce the allowable leak standard for equipment and connections associated with marine loading from 10,000 ppm to 1000 ppm based on standards in effect in other air districts;
- Incorporate Rule 46 requirements regarding lightering operations into Rule 44 and eliminate Rule 46;
- Require control of emissions from loading any liquid with a Reid vapor pressure greater than 2.0 psia, which would control currently unregulated emissions from the loading of certain organic chemicals ;
- Require control of emissions when organic vapors are vented to atmosphere, such as during cleaning, purging, and gas freeing of cargo tanks on marine tank vessels;
- Require collection and submission of data, including concentration measurements at vents, for the loading of low-volatility cargos such as fuel oils; and
- Make minor clarifying changes to the rules such as deletion of obsolete references and addition of definitions.

In addition, staff will take comments on proposed changes to the Manual of Procedures, Volume IV, ST-34: Bulk and Marine Loading Terminals – Vapor Recovery Units. Proposed changes to ST-34 include corrections to temperature and pressure standardization errors in some equations. Also, the proposal incorporates a requirement that, in some situations, gas constituent average concentrations shall be determined on a flow-weighted basis.

For copies of the proposed amendments to Rules 44, 46, or ST-34, or a copy of the workshop staff report, see <http://www.baaqmd.gov/pln/ruledev/workshops.htm>. For questions or comments on the rules, please contact Julian Elliot, Senior Air Quality Engineer, at (415) 749-4752 or via e-mail at jelliot@baaqmd.gov. For comments or questions about ST-34, please contact Charles McClure, Supervising Air Quality Engineer, at (415) 749-4608 or via e-mail at cmclure@baaqmd.gov.

DIRECTIONS

Benicia City Council Chambers
250 East "L" Street
Benicia, CA 94510

From Richmond, Berkeley and Oakland:

Take I-80 East toward Vallejo / Sacramento
Take the I-780 East toward Benicia / Martinez
Take the East Second Street Exit toward Central Benicia
Turn Left onto East Second Street
Turn Left onto East "L" Street to 250 East "L."

From Vallejo:

Take the Curtola Parkway until it becomes I-780 East.
Take the I-780 East toward Benicia / Martinez
Take the East Second Street Exit toward Central Benicia
Turn Left onto East Second Street
Turn Left onto East "L" Street to 250 East "L."

From Martinez and Concord:

Take I-680 North.
Merge onto I-780 West (Left exit toward Benicia / Martinez)
Take the East Fifth Street Exit
Turn Left onto East Fifth Street
Turn Right onto East "L" Street to 250 East "L."

Public Transportation via Benicia Transit

Route 75 (becomes Route 1 after October 1)
Between Pleasant Hill BART Station and Vallejo Ferry Terminal, stopping at "L" Street and East Fifth Street.
Please note: This service does not run late in the evening. Please check departure times. Staff will accommodate any comments or questions in time for public transit users.