ATTENTION: PETROLEUM REFINERY AND CHEMICAL PLANT OPERATORS

SUBJECT: RESTRICTED OPERATIONS UPON PREDICTED EXCESS OF FEDERAL AND STATE OZONE STANDARDS (ANNUAL REMINDER)

Certain Air District regulations require operators of the equipment listed below to curtail VOC (Volatile Organic Compound) emissions on days when excesses of the Federal and/or State ambient ozone standards are predicted to occur (typically starting in June and ending in mid-October). Tank degassing operations are affected by both Federal and State ozone standards. Wastewater systems and process depressurization vessels operations are affected only by Federal ozone standards.

- **TANK DEGASSING** (Regulation 8-5-328): Tank degassing shall not commence on a day when the Air District predicted concentration of total organic compounds (TOC) of ≥10,000 ppm can be opened on the day of a forecasted excess of the **Federal ozone standard**.

- **WASTEWATER COLLECTION AND SEPARATION SYSTEMS** (Regulation 8-8-114): Industrial process wastewater systems are prohibited from bypassing the oil-water separation system or air flotation unit on any reason on the day of a forecasted excess of the **Federal ozone standard**.

- **PROCESS VESSEL DEPRESSURIZATION** (Regulation 8-10-302): No process vessels with an internal concentration of total organic compounds of ≥10,000 ppm can be opened on the day of a forecasted excess of the **Federal ozone standard**.

The Federal standard for ambient ozone concentration is currently 0.075 ppm and the State standard is 0.07 ppm, averaged over any eight hours in a calendar day. The Air District does not publish predicted ambient ozone concentration but expresses the predicted ambient ozone concentration as an AQI (Air Quality Index) number. The Federal ambient ozone standard concentration is equal to an AQI of 100. The State ambient ozone standard concentration is equal to an AQI of 84. AQI’s for the five geographic Bay Area regions are forecast for the next calendar day at 1:30 p.m. and are published at [www.sparetheair.org](http://www.sparetheair.org).

**Facilities subject to the requirements listed above must:**

- Check the District’s daily forecast and use the highest AQI of all five regions of the Bay Area to determine whether or not a Federal and/or State ozone standard exceedance is predicted for any day on which any of the actions subject to the requirements listed above is intended to be performed.

- If an exceedance of either the Federal or State ozone standard is predicted, curtail VOC emissions to comply with any applicable regulation above. **NOTE: ALL THREE OPERATIONS ARE SUBJECT TO RESTRICTIONS BASED ON EXCEEDANCE OF THE FEDERAL OZONE STANDARD. TANK DEGASSING IS ADDITIONALLY SUBJECT TO THE STATE OZONE STANDARD.**

- Enroll in the automatic Spare the Air e-mail notification system at [www.sparetheair.org](http://www.sparetheair.org) or by calling (800) HELP-AIR in order to receive advance notice of predicted Federal ozone standard excess.

**More Information can be obtained from the following sources:**

- For questions about this Advisory, contact Magen Harris, Supervising Air Quality Specialist, at [mhalloway@baaqmd.gov](mailto:mhalloway@baaqmd.gov) or (415) 749-4785.
- For a copy of the above-listed rules, see [www.baaqmd.gov/dst/regulations/index.htm](http://www.baaqmd.gov/dst/regulations/index.htm).
- For compliance assistance, call (415) 749-4999, the Compliance Counselor Hotline.

**Kelly J. Wee**

Director of Compliance and Enforcement
Bay Area Air Quality Management District