

## ***Petroleum Refinery Fence-line and Community Air Monitoring***

In October 2017, California State Legislature passed Assembly Bill (AB) 1647 (Muratsuchi, 2017), which established new state mandates for fence-line air monitoring at petroleum refineries and air monitoring in nearby communities. AB 1647 also required that petroleum refineries be responsible for the air district costs associated with the new community air monitoring mandates. To address these mandates, the San Joaquin Valley Air Pollution Control District's (District's) Governing Board adopted Rules 4460 (*Petroleum Refinery Fence-line Air Monitoring*) and 3200 (*Petroleum Refinery Community Air Monitoring Fees*). Following the requirements of state law, these rules establish requirements for real-time fence-line air monitoring systems that provide air quality information to the public at or near property boundaries of petroleum refineries, and necessary fees to recover the District's costs associated with the community air monitoring mandates. The District will be issuing refinery fence-line air monitoring plan guidelines to provide further information about required elements of the plans and data quality control.

### **Rule 4460 - Petroleum Refinery Fence-line Air Monitoring Requirements**

- No later than **July 1, 2020**, a petroleum refinery, currently engaged in refining operations, must submit a written fence-line air monitoring plan to the District for establishing and operating a real-time air monitoring system, and submit the Community Air Monitoring Equipment and Installation fees required by Rule 3200. The plan must include the following information, which is outlined in Section 6.2 of the Rule:
  - Equipment to be used to continuously monitor, record, and report air pollutants specified in the Rule
  - Siting and equipment specifications for each monitoring unit installed
  - Equipment to be used to measure and continuously record wind speed and direction
  - Procedures for maintenance and timelines for performing maintenance and failures
  - Procedures for implementing quality assurance by a qualified, independent third party
  - Procedures for implementing the fence-line air monitoring plan
  - Methods and timeframe for dissemination of data collected
- The fence-line air monitoring plan shall address real-time air monitoring for pollutants released due to petroleum refinery-related processes, and should reference the most recent Office of Environmental Health Hazard Assessment refinery-related monitoring guidance. Pollutants to be considered in the fence-line air monitoring plan shall include the pollutants specified in Section 6.3, Table 1, of the Rule.
- No later than 365 calendar days after District approval of the proposed refinery fence-line air monitoring plan, the owner/operator of the refinery shall complete installation and begin operation of the real-time fence-line air monitoring system.

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#### **Northern Region Office**

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(209) 557-6400 ♦ FAX (209) 557-6475

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- Refineries not currently engaged in refining crude oil need not install and operate a real-time fence-line air monitoring system and pay the Community Air Monitoring fees specified in Rule 3200 provided the owner/operator complete and submit the attached declaration certifying that the facility is not refining crude oil. The declaration must be submitted to the District by no later than **January 19, 2020**.
  - Prior to recommencement of crude oil refining operations, the owner/operator must submit a proposed fence-line air monitoring plan and the Community Air Monitoring Equipment and Installation fees at least six (6) months prior to the planned recommencement date.

If you need assistance filling out any of the application forms or have any questions regarding the information in this Compliance Assistance Bulletin, please contact the District's Business Assistance staff at **(661) 392-5665**.



## PETROLEUM REFINERY DECLARATION

The signee of this document hereby declares that the petroleum refinery listed below is not refining crude oil. Prior to recommencement of crude oil refining operations, the owner/operator must submit a proposed fence-line air monitoring plan and the Community Air Monitoring Equipment and Installation fees at least six (6) months prior to the planned recommencement date.

### Facility Information

\_\_\_\_\_  
Facility Name

\_\_\_\_\_  
Facility ID Number

\_\_\_\_\_  
Facility Contact Name

\_\_\_\_\_  
(     )  
Phone Number

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City

\_\_\_\_\_  
Zip Code

I, declare under penalty of perjury under the laws of the state of California that based on information and belief formed after reasonable inquiry, the statements and information provided in this declaration are true, accurate, and complete.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

This form may be mailed to the local District office or submitted to [leonard.scandura@valleyair.org](mailto:leonard.scandura@valleyair.org).

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