



**BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT**

June 8, 2018

Gordon Johnson
Manager, Environmental Affairs Department
Shell Oil Products, US – Martinez Refinery
P.O. Box 711
Martinez, CA 94553-0071

RE: Approval of Regulation 12, Rule 15 Air Monitoring Plan (AMP)

Dear Mr. Johnson:

The Bay Area Air Quality Management District has completed its review of the "Regulation 12, Rule 15 Air Monitoring Plan" and has determined that this AMP meets the requirements for approval under District Regulation 12, Rule 15: Petroleum Refining Emissions Tracking (Section 12-15-403). This letter confirms approval pursuant to Section 12-15-404.4 and notes two conditions not specified in the AMP itself that must be met so that approval can be maintained.

To maintain approval of the AMP, a Quality Assurance Project Plan (QAPP) must be submitted to the District within 6 months of the date of this letter. Because the QAPP is necessarily specific to equipment that has yet to be purchased and installed, submittal of the QAPP to the District is considered part of the AMP implementation. Failure to submit an adequate QAPP would be considered an implementation deficiency and would be a basis for withdrawal of approval. Shell may request addition time if more than 6 months is needed to submit the QAPP due to factors beyond Shell's control.

Secondly, Shell must within 6 months of the date of this letter select an approach to monitoring H₂S and inform the District in writing of that selection. The District anticipates that a method for open path monitoring of H₂S will be validated in the next few months. To encourage the use of open path H₂S monitoring, the District will allow up to 2 years from the date of this letter to begin operation of such monitoring. Shell may request a deadline beyond two years beyond the date of this letter if it can show that additional time is needed due to factors beyond its control. If Shell instead chooses to use fixed measurements for H₂S monitoring using the EPA MACT siting procedures for benzene sampling at refineries, then such monitoring must be operational within one year of the date of this letter. Shell may request a deadline beyond one year if it can show that additional time is needed due to factors beyond its control. Shell's selection and implementation of H₂S monitoring will be reviewed as an element of AMP implementation. Failure to implement H₂S monitoring in a timely and adequate manner would be basis for withdrawal of approval.

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Connect with the
Bay Area Air District:



If you have any questions regarding this determination, please contact Paul Grazzini at 415-749-4783 for compliance issues or Kate Hoag at 415-749-4619 for technical issues.

Sincerely,

A handwritten signature in blue ink that reads "Richard Law for J. Gove".

Jeff Gove
Director of Compliance and Enforcement

JG:pg