

**ENGINEERING EVALUATION REPORT**

**VARIOUS LOCATIONS RULE 1166 COMPLIANCE PLAN  
VOC CONTAMINATED SOIL MITIGATION PLAN**

**Facility Information**

**VALERO WILMINGTON ASPHALT PLANT**  
**ID# 800393**  
**TITLE V: YES**  
**RECLAIM: NOX**  
**ZONE: COASTAL**  
**CYCLE: 1**

**Mailing Address**

**1651 ALAMEDA STREET**  
**WILMINGTON, CA 90744**

**Equipment Address**

**VARIOUS LOCATIONS**

**Contact Information**

**SHANNON FOWLER**  
**(562) 495 – 5490**

**COMPLIANCE**

As of April 30, 2014, a check of the AQMD Compliance Database shows that this facility has not received any Notices of Violation or Notices to Comply for the excavation of contaminated soil since the last plan was issued on June 18, 2013. Additionally, no complaints have been received for the excavation of contaminated soil since June 18, 2013.

**BACKGROUND**

Valero Wilmington Asphalt Plant submitted this various locations Rule 1166 VOC Contaminated Soil Mitigation Plan application on March 21, 2014. Valero submitted this various locations plan application to excavate up to 2,000 cubic yards of VOC impacted soil for various projects within the refinery. A various locations mitigation plan can be used at a site to excavate and remove a maximum of 2,000 cubic yards of VOC contaminated soil at the site. The plan allows the plan holder to operate at multiple sites under a single plan based on the needs of the plan holder. Examples of previous soil excavation work at Valero include trenching for utilities and leaky pipelines.

Valero was issued a various locations Rule 1166 VOC Contaminated Soil Mitigation Plan on June 18, 2013 under A/N 544912. Since this plan will expire on June 18, 2014 and there is no automatic renewal process for a various locations Rule 1166 plan, Valero submitted A/N 562062 to renew their current various locations plan.

**PLAN EVALUATION**

Since Valero proposes to excavate up to 2,000 cubic yards of soil containing VOC materials, the refinery is subject to all applicable requirements of a various locations plan specified by Rule 1166.

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Table 1. Checklist for a Rule 1166 Various Locations Mitigation Plan

Requirements	Attach. A Item #3	Compliance		Remarks
		Yes	No	
Shall be limited to the excavation of 2,000 cubic yards or less of VOC contaminated soil in any consecutive 12 month period at the same site.	(A)	√		The facility does not anticipate the VOC-contaminated soil excavated to exceed over 2,000 cubic yards. According to the facility, no soil was excavated under the previous plan A/N 544912.
Shall not be used in conjunction with any other various location plans at the same site within a consecutive 12-month period.	(B)	√		This plan should not be granted until the previous plan has expired on June 18, 2014 so that it will comply.
Shall expire after one year from issuance unless renewed.	(C)	√		
Shall not be issued for nor used for operations that involve grading, soil treatment or remediation, or landfills.	(D)	√		

Valero has certified that the proposed activities for which they are requesting a Various Locations plan will not conflict with, nor will they preclude them from operating in compliance with, the conditions set forth below:

1. The total quantity of VOC-contaminated soil excavated and handled at each site in a calendar year will not exceed 2,000 cubic yards.
2. No excavation will be located within 1,000 feet of any outer boundary of a school.
3. The excavation, including all equipment used in conjunction with such operation will be operated in compliance with all applicable laws, ordinances, regulations and statues.
4. The applicant/plan holder will operate in compliance with these conditions.

**RECOMMENDATIONS**

Valero Asphalt's proposed various locations Rule 1166 compliance plan contains all of the required information and complies with all applicable requirements specified by Rule 1166. Therefore, the plan is recommended for approval with conditions to ensure that the excavation and handling of VOC-contaminated soil comply with the plan and requirements of Rule 1166.

Pursuant to item #1, 7 & 8 in Attachment A of Rule 1166, conditions and requirements of the approved plan specify the following:

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
ENGINEERING AND COMPLIANCE DIVISION  
*REFINERY & WASTE MANAGEMENT PERMITTING*

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Processed by	J. Nielsen
Reviewed by	
Date	4/29/2014

1. General requirements—the plan is not transferable; the person responsible for the excavation or handling of VOC contaminated soil must be completely familiar with the plan and must adhere to the plan requirement; permission to excavate, grade or handle VOC contaminated soil may be withdrawn by the District.
2. Procedures for ensuring responsibility for the implementation of the plan.
3. Accessibility to the site for AQMD staff.
4. Notification of actions.
5. Identification of emission receptors.
6. Monitoring and testing.
7. Suppression and covering of stockpiles.
8. Prevention of public nuisance from VOC or dust emissions.
9. Prevention of fugitive emissions of VOC.
10. Recordkeeping to demonstrate compliance with the plan.