



## FACILITY PERMIT TO OPERATE

**VALERO WILMINGTON ASPHALT PLANT  
1651 ALAMEDA ST  
WILMINGTON, CA 90744**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

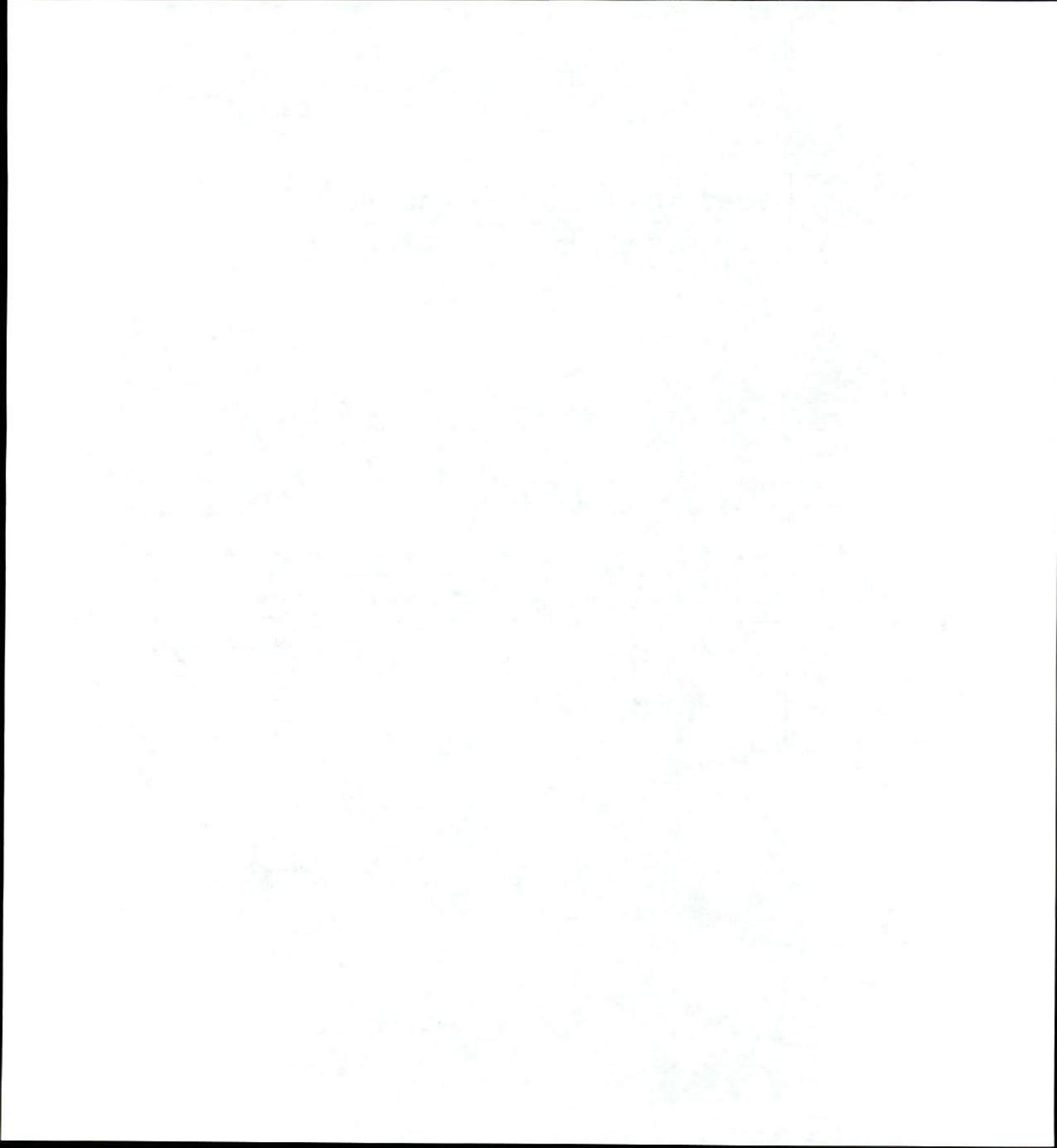
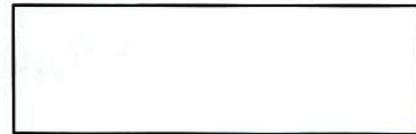
THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178





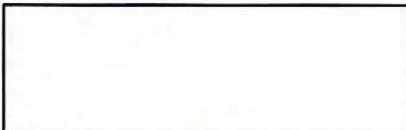
**FACILITY PERMIT TO OPERATE  
VALERO WILMINGTON ASPHALT PLANT**

**TABLE OF CONTENTS**

Section	Description	Revision #	Date Issued
A	Facility Information	9	08/07/2012
B	RECLAIM Annual Emission Allocation	15	01/01/2013
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	11	04/30/2013
E	Administrative Conditions	5	08/07/2012
F	RECLAIM Monitoring and Source Testing Requirements	5	08/07/2012
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	5	08/07/2012
H	Permit To Construct and Temporary Permit to Operate	11	08/07/2012
I	Compliance Plans & Schedules	10	06/18/2013
J	Air Toxics	5	08/07/2012
K	Title V Administration	2	08/07/2012
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	5	08/07/2012
B	Rule Emission Limits	5	08/07/2012



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178





## FACILITY PERMIT TO OPERATE VALERO WILMINGTON ASPHALT PLANT

### SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

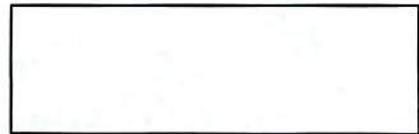
#### List of approved plans:

Application	Rule
388968	1176
526019	1166
527080	463
533452	1173
544912	1166

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178





# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

PLAN ISSUE DATE

June 18, 2013

APPROVAL SIGNATURE

  
**Danny Luong**  
Senior Manager

COMPANY I.D.: 800393  
Mitigation Plan/Application No. 544912  
Applicant: Valero Wilmington Asphalt Plant  
1651 Alameda Street  
Wilmington, CA 90744  
Attention: Shannon Fowler  
Phone (562) 495-5490 Fax: (562) 495-5426

## VARIOUS LOCATIONS RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your application (A/N 544912) for the excavation and handling of VOC-contaminated soil at various locations within the South Coast Air Quality Management District.

In accordance with Rule 1166 (c), this approved plan is required prior to commencing excavation of any areas, sites, or locations which has previously been used to store or transfer volatile organic compounds (VOC) or during the excavation, handling, or storage of VOC-contaminated soils.

The rights and privileges granted through the issuance of this plan are restricted exclusively to the plan holder to whom it was issued, and are non-transferable, even with the written or expressed consent of the plan holder listed above.

A VARIOUS LOCATIONS PLAN can be used at a site to excavate and remove a maximum of 2000 cubic yards of VOC contaminated soil at the site. Any treatment or additional excavation of VOC contaminated soil at the site will require the issuance of a SITE SPECIFIC plan by the AQMD. Multiple uses of VARIOUS LOCATIONS PLANS to excavate over 2000 cubic yards of contaminated soil for the same site is prohibited per Rule 1166.

This excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the AQMD and is subject to the following conditions.

**THIS PLAN WILL EXPIRE ONE YEAR FROM THE ISSUE DATE AND THERE IS NO AUTOMATIC RENEWAL PROCESS.**

All Various Locations Plans expire one (1) year from the date of issuance. To apply for a new Plan, submit an Application with the filing fee at least one month prior to the Plan expiration date. For an application package and fee information please go to the SCAQMD web page at <http://www.aqmd.gov/comply/formsbyrule.htm> and look for Rule 1166 information. For questions call 909-396-2326."

Plan #: 544912

*Cleaning the air that we breathe...*

## PLAN CONDITIONS

---

### SECTION I - GENERAL REQUIREMENTS

1. A SIGNED COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
2. THIS PLAN IS NOT VALID FOR THE EXCAVATION OF VOC CONTAMINATED SOILS AT LANDFILLS OR SITES USED FOR DISPOSAL OF REFUSE OR OTHER TYPES OF WASTE.
3. THIS PLAN DOES NOT ALLOW THE TREATMENT OF VOC-CONTAMINATED SOIL BY THERMAL, CHEMICAL, OR MECHANICAL PROCESSES. ANY OF THE ABOVE TREATMENT PROCESSES REQUIRES A PERMIT TO OPERATE FROM THE AQMD AND A SITE-SPECIFIC RULE 1166 PLAN.
4. THIS PLAN DOES NOT ALLOW BACK-FILLING OF TREATED VOC CONTAMINATED SOIL. BACK-FILLING OF TREATED VOC CONTAMINATED SOIL MAY BE ALLOWED UNDER A SITE SPECIFIC RULE 1166 PLAN.
5. A). THE TOTAL QUANTITY OF VOC CONTAMINATED SOIL EXCAVATED AND HANDLED AT EACH SITE SHALL NOT EXCEED 2,000 CUBIC YARDS. THIS TOTAL INCLUDES ANY VOC CONTAMINATED SOILS EXCAVATED FROM THIS LOCATION UNDER A VARIOUS LOCATION PLAN WITHIN THE LAST TWELVE (12) CALENDAR MONTHS. EXCAVATIONS INVOLVING QUANTITIES IN EXCESS OF 2000 CUBIC YARDS OF VOC CONTAMINATED SOIL REQUIRES THE APPLICATION SUBMITTAL FOR A SITE SPECIFIC RULE 1166 EXCAVATION PLAN.
6. THE AQMD SHALL BE IMMEDIATELY NOTIFIED OF ANY COMPLAINTS RECEIVED AS A RESULT OF ACTIVITIES CONDUCTED UNDER THIS PLAN. SUCH NOTIFICATION SHALL INCLUDE THE NATURE OF THE COMPLAINT, NUMBER OF COMPLAINANTS AND THE ACTION TAKEN BY THE PLAN HOLDER TO MITIGATE THE SOURCE OF THE COMPLAINT.
7. DURING EACH STEP OF THE PROCESS UP TO AND INCLUDING THE REMOVAL AND DISPOSAL PROCESS, ALL PRECAUTIONS AND MEASURES SHALL BE TAKEN TO MINIMIZE THE RELEASE OF VOC, ODOR AND DUST. THIS INCLUDES BUT IS NOT LIMITED TO: THE USE OF ADDITIONAL PLASTIC SHEETING ON STOCKPILES, USE OF SUPPRESSANTS ON EXPOSED SOIL SURFACES & WORK AREAS AND MAINTAINING PAVED PUBLIC STREETS FREE OF SOIL DEPOSITS.
8. FOR THE PURPOSES OF RULE 1166 AND THIS PLAN, SOIL MEASURED PURSUANT TO RULE 1166 AS VOC CONTAMINATED SOIL, IS CONSIDERED AS VOC CONTAMINATED SOIL FROM THE TIME OF MEASUREMENT ONWARD, UNTIL THE SOIL IS TREATED PURSUANT TO AN APPROVED AQMD TREATMENT PROCESS.

**SECTION II - PRIOR TO EXCAVATION**

9. AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION OR GRADING OF SOIL AT THE SITE, THE EXECUTIVE OFFICER OR DESIGNEE SHALL BE NOTIFIED OF THE EXCAVATION BY FAX USING A FORM APPROVED BY THE EXECUTIVE OFFICER WHICH IS FULLY COMPLETED AND INCLUDING, THE NAME OF THE COMPANY PERFORMING THE EXCAVATION, AND THE APPLICATION NUMBER LISTED ON THIS MITIGATION PLAN. THE NOTIFICATION SHALL BE MADE BY FAXING THE NOTIFICATION FORM AT (909) 396-3342. FAX NOTIFICATIONS WILL RECEIVE A REFERENCE NUMBER BY RETURN FAX OR CAN BE OBTAINED REFERENCING THE FAX NOTIFICATION BY PHONE TUESDAY THROUGH FRIDAY DURING BUSINESS HOURS AT 909 396-2326. THE REFERENCE NUMBER SHALL BE RETAINED AS PROOF OF COMPLIANCE WITH THIS REQUIREMENT.

REFERENCE NO: \_\_\_\_\_ NOTIFICATION DATE: \_\_\_\_\_

10. COMPLETE VERIFICATION INFORMATION IN CONDITION NO. 30 AND OBTAIN REQUIRED SIGNATURES, PRIOR TO COMMENCING EXCAVATION.

**SECTION III - MONITORING**

11. DURING THE EXCAVATION PROCESS, AN ORGANIC VAPOR ANALYZER (OVA) SHALL BE ON SITE AT ALL TIMES. THE OVA SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES AND SHALL BE CALIBRATED BY THE MANUFACTURER AT LEAST ONCE EVERY THREE MONTHS. THE CALIBRATION OF THE OVA SHALL BE VERIFIED USING CERTIFIED CALIBRATION GAS AT THE BEGINNING OF EACH WORKING DAY WITH THE PROCEDURES SPECIFIED BY THE MANUFACTURER. IF A CALIBRATION GAS OTHER THAN HEXANE IS USED, EACH MEASURED READING SHALL BE CORRELATED TO AND EXPRESSED AS HEXANE, USING EQUIVALENCY FACTORS PROVIDED BY THE MANUFACTURER.
12. ALL MONITORING SHALL BE CONDUCTED AT A DISTANCE NO MORE THAN 3 INCHES ABOVE THE SOIL SURFACE USING AN OVA DESCRIBED IN CONDITION NO. 11 ABOVE. MONITORING SHALL BE CONDUCTED AT A MINIMUM FREQUENCY OF ONE READING FOR EVERY TWO CUBIC YARDS OF SOIL EXCAVATED, NOT TO EXCEED FIFTEEN MINUTES BETWEEN READINGS. ALL READINGS SHALL BE TAKEN NO LATER THAN THREE (3) MINUTES AFTER EACH LOAD OF SOIL IS EXCAVATED.
13. ALL MONITORING SHALL BE CONDUCTED BY TRAINED PERSONNEL WHO ARE PROFICIENT IN THE USE OF THE HYDROCARBON MONITOR SELECTED FOR USE AT THIS SITE.
14. WRITTEN RECORDS OF OVA MONITORING AND CALIBRATIONS REQUIRED ABOVE SHALL BE KEPT IN A FORMAT APPROVED BY THE AQMD. THE APPROVED FORMAT IS INCLUDED ON PAGE 8 OF THIS PLAN. THE CERTIFICATION ON ALL RECORDS SHALL BE SIGNED AND DATED ON THE DAY THE MEASUREMENTS ARE OBSERVED.
15. UPON DETECTION OF VOC CONTAMINATED SOIL (READINGS 50 PPM OR GREATER), THE EXECUTIVE OFFICER OR DESIGNEE SHALL BE NOTIFIED WITHIN 24 HOURS OF THE FIRST DETECTION OF VOC CONTAMINATION. THE NOTIFICATION SHALL BE MADE BY FAXING THE NOTIFICATION FORM TO (909) 396-3342 OR CALLING (909) 396-2326. A REFERENCE NUMBER WILL BE FAXED BACK OR WILL BE ISSUED WHEN THE PHONE NOTIFICATION IS RECEIVED. ALL PHONE NOTIFICATIONS SHALL BE FOLLOWED BY MAILING THE NOTIFICATION FORM TO THE DISTRICT POSTMARKED WITHIN 48 HOURS. THE REFERENCE NUMBER WILL BE RETAINED AS PROOF OF COMPLIANCE WITH THIS REQUIREMENT.

REFERENCE NO: \_\_\_\_\_ NOTIFICATION DATE: \_\_\_\_\_

**SECTION IV - HANDLING AND STORAGE**

16. ALL VOC-CONTAMINATED SOIL BELOW 1000 PPM SHALL BE STOCKPILED, COVERED WITH PLASTIC SHEETING AND STORED SEPARATELY FROM NON-VOC-CONTAMINATED SOIL, OR IMMEDIATELY TRANSPORTED TO A TREATMENT FACILITY.
17. A STOCKPILE SHALL NOT CONTAIN MORE THAN 400 CUBIC YARDS OF SOIL.
18. IF THE OVA MEASUREMENT IS GREATER THAN 50 PPMV BUT LESS THAN 1000 PPMV
  - A) THE AFFECTED WORK AREA AND LOAD OF SOIL SHALL BE SPRAYED WITH WATER AND/OR APPROVED VAPOR SUPPRESSANT.
  - B) CONTAMINATED SOIL IN STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING WHICH OVERLAP A MINIMUM OF TWENTY-FOUR INCHES AND ARE SECURED SO THAT NO PORTION OF THE CONTAMINATED SOIL IS EXPOSED TO THE ATMOSPHERE. IN THE COURSE OF HANDLING THE STOCKPILE, ONLY THE WORKING FACE OF THE STOCKPILE MAY BE UNCOVERED.
19. IF THE OVA MEASUREMENT EQUALS OR IS GREATER THAN 1000 PPM, STOP EXCAVATION TO NOTIFY THE DISTRICT IMMEDIATELY OR WITHIN ONE HOUR OF DETECTION AND,
  - A) THE AFFECTED SOIL AND WORKING AREA SHALL BE IMMEDIATELY SPRAYED WITH WATER OR AN APPROVED VAPOR SUPPRESSANT, AND EITHER:
  - B) THE CONTAMINATED SOIL EXCAVATED SHALL BE IMMEDIATELY PLACED IN AQMD APPROVED SEALED CONTAINERS, OR,
  - C) DIRECTLY LOADED IN TRUCKS, SPRAYED WITH ADDITIONAL WATER OR APPROVED VAPOR SUPPRESSANT(S), COVERED, AND TRANSPORTED IMMEDIATELY OFF SITE AS PER CONDITION #25 OF THIS PLAN, OR,
  - D) OTHER ALTERNATIVE STORAGE METHODS WITH PRIOR WRITTEN APPROVAL FROM THE AQMD.
20. DURING EXCAVATION, THE ONLY EXPOSED VOC CONTAMINATED SOIL SHALL BE RESTRICTED TO THE IMMEDIATE WORKING AREA OF THE SITE OR STOCKPILE. ALL OTHER PORTIONS OF THE STOCKPILE SHALL BE COVERED WITH PLASTIC SHEETING, WITH SEAMS, WHICH OVERLAP A MINIMUM OF TWENTY-FOUR INCHES AND ARE SECURED WITH DUCT TAPE. ANY EXPOSED VOC-CONTAMINATED SOIL SURFACES (WORK FACE) SHALL BE KEPT MOIST WITH WATER OR OTHER APPROVED SUPPRESSANTS AT ALL TIMES, AND SHALL BE RE-COVERED DURING PERIODS OF INACTIVITY LONGER THAN ONE (1) HOUR. AT THE END OF EACH WORKING DAY, ALL STOCKPILES SHALL BE COMPLETELY COVERED AND SECURELY ANCHORED TO PREVENT ANY EXPOSURE OF SOIL TO THE ATMOSPHERE.
21. ONCE COVERED WITH PLASTIC SHEETING, STOCKPILES SHALL REMAIN UNDISTURBED UNTIL REMOVED FROM SITE.
22. DAILY INSPECTIONS SHALL BE CONDUCTED OF ALL COVERED VOC-CONTAMINATED STOCKPILES TO ENSURE THE INTEGRITY OF THE PLASTIC COVER. SUCH INSPECTIONS SHALL INCLUDE A VISUAL INSPECTION OF ALL SEAMS AND PLASTIC COVER SURFACES. ANY HOLES, TEARS OR ANY OTHER POTENTIAL SOURCES OF FUGITIVE VOC EMISSIONS SHALL BE REPAIRED IMMEDIATELY. DAILY RECORDS SHALL BE MAINTAINED TO ENSURE COMPLIANCE WITH THIS CONDITION.

29. WITHIN THIRTY (30) DAYS AFTER THE EXCAVATION AT THE SITE IS COMPLETED, THE WRITTEN RECORDS UNDER CONDITIONS NO. 14, 22, AND 27 SHALL BE SUBMITTED TO THE AQMD AT THE FOLLOWING ADDRESS.

28. RECORDS OF DISPOSAL OF VOC-CONTAMINATED SOIL SHALL BE MAINTAINED ON SITE DURING THE EXCAVATION AND LATER MAINTAINED FOR A PERIOD OF TWO (2) YEARS. THE RECORDS SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

27. RECORDS OF DISPOSAL SHALL BE MAINTAINED FOR ALL VOC-CONTAMINATED SOIL REMOVED FROM THIS SITE. SUCH RECORDS SHALL BE CLEARLY LABELED "SCAQM RULE 116-VOC CONTAMINATED SOIL" AND SHALL INCLUDE THE IDENTIFICATION AND THE LOCATION OF, 1) THE GENERATOR, 2) TRANSPORTER AND 3) RECEIVING FACILITY. IN ADDITION, SUCH RECORDS SHALL BE SIGNED AND DATED BY EACH OF THE ABOVE PARTIES INDICATING RECEIPT OR RELINQUISHMENT OF THE VOC-CONTAMINATED SOIL AT THE TIME CUSTODY IS TRANSFERRED.

C) A BRIEF SUMMARY INDICATING IF ADDITIONAL CLEAN UP EFFORTS ARE NECESSARY, THE ADDITIONAL QUANTITY OF VOC CONTAMINATED SOILS TO BE EXCAVATED AND THE PROJECTED SCHEDULE OF THE EXCAVATION.

A) THE STATUS OF THE EXCAVATION PIT, AND ANY VOC CONTAMINATED SOIL REMAINING ON SITE.

26. A WRITTEN REPORT SHALL BE PROVIDED TO THE AQMD WITHIN 30 DAYS OF INITIAL DETECTION OF CONTAMINATED SOIL, WHICH INCLUDES THE FOLLOWING INFORMATION.

#### SECTION VI - RECORDS AND REPORTING

E) THE EXTERIOR OF THE TRUCKS (INCLUDING THE TIRES) SHALL BE CLEANED OFF PRIOR TO THE TRUCKS LEAVING THE EXCAVATION SITE.

D) THE TRUCK OR TRAILER SHALL BE COMPLETELY COVERED/TARPED PRIOR TO LEAVING THE SITE TO PREVENT PARTICULATE EMISSIONS TO THE ATMOSPHERE.

C) PRIOR TO COVERING/TARPING, LOADED CONTAMINATED SOIL SHALL BE WETTED BY SPRAYING WITH MIST INHIBITORS.

B) WHEN LOADING IS COMPLETED AND DURING TRANSPORTATION, NO EXCAVATED MATERIAL SHALL EXTEND ABOVE THE SIDES OR REAR OF THE TRUCK OR TRAILER.

A) BE TRANSPORTED TO AN APPROVED TREATMENT/DISPOSAL FACILITY. IT SHALL BE THE RESPONSIBILITY OF THE PLAN HOLDER TO ENSURE THAT THE RECEIVING TREATMENT/DISPOSAL FACILITY HAS RECEIVED APPROVAL FROM THE APPROPRIATE ENVIRONMENTAL OVERSIGHT AGENCIES TO HANDLE AND TREAT VOC CONTAMINATED SOILS.

25. ALL VOC-CONTAMINATED SOIL REMOVED FROM THE SITE SHALL COMPLY WITH THE FOLLOWING:

24. ALL EXCAVATED VOC-CONTAMINATED SOIL SHALL BE REMOVED FROM THE SITE WITHIN THIRTY (30) DAYS OF ITS EXCAVATION.

#### SECTION V - SOIL REMOVAL AND DISPOSAL

23. VOC CONTAMINATED SOIL SHALL NOT BE SPREAD ON-SITE OR OFF-SITE. THIS INCLUDES ANY UNNECESSARY MOVEMENT OR AGITATION OF SOIL THAT MAY CAUSE THE UNCONTROLLED EVAPORATION OF VOC'S INTO THE ATMOSPHERE, INCLUDING THE RESHAPING OR RELOCATION OF STOCKPILES.

SOUTH COAST AIR QUALITY MGMT DISTRICT  
 ENGINEERING & COMPLIANCE DIVISION  
 TOXICS & WASTE MANAGEMENT UNIT  
 (RULE 1166 COMPLIANCE)  
 21865 E. COPLEY DR.  
 DIAMOND BAR, CA. 91765-4182

**SECTION VII – VERIFICATION AND SIGNATURE**

30. THIS PLAN IS NOT VALID UNTIL ALL PARTIES HAVE REVIEWED AND SIGNED THE VERIFICATION STATEMENT BELOW.

Site Name		Type of Business	
Address	City	Zip	
Responsible Party (Owner/Operator)			Phone
Address	City	Zip	

I CERTIFY THAT I HAVE REVIEWED AND UNDERSTAND THE CONDITIONS CONTAINED WITHIN THIS PLAN. IN SIGNING BELOW, I ACKNOWLEDGE THAT UNDER THE PROVISIONS OF RULE 1166, I CAN BE HELD RESPONSIBLE FOR THE REQUIREMENTS SET FORTH IN THIS PLAN.

Responsible Party	Responsible Party Signature	Date Signed
General Contractor	General Contractor Signature	Date Signed
Excavation Contractor	Excavation Contractor Signature	Date Signed
Environmental Consultant	Environmental Consultant Signature	Date Signed

**DEFINITIONS**

**Excavation** Is the process of digging out and removing materials including any material necessary to that process such as the digging out and removal of asphalt or concrete necessary to expose, dig out and remove known VOC contaminated soil.

**Organic Vapor Analyzer (OVA)** For the purposes of this plan, an OVA is an hydrocarbon monitor utilizing flame ionization, photo ionization or other analytical methods complying with 40 CFR PART 60 APPENDIX A, EPA METHOD 21 SECTION 3, "DETERMINATION OF VOLATILE ORGANIC COMPOUND LEAKS, MONITORING INSTRUMENT SPECIFICATIONS. The monitor shall be capable of being calibrated using hexane at a range of 0 parts per million by volume (PPMV) to 50 PPMV, and at a detection range of at least 30 PPMV to 1100 PPMV

**Responsible Party** For the purposes of this plan, Responsible Party is the party financially responsible for initiating the excavation. This may include the property owner or the tank operator. This excludes contractors working for the property owner or operator, and any other party that lacks the direct authority to immediately treat all VOC contaminated soils generated at the excavation site.

**VOC Contaminated Soil**

Is soil that registers a concentration of 50 PPM or greater of volatile organic compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane.

**Volatile Organic Compound (VOC)**

Is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds areas defined in Rule 102 – Definitions of Terms.

Once issued, this plan is subject to further review by the AQMD and may be revoked if excavation activities are found in violation of plan conditions or AQMD's Rules and Regulations. Failure to comply with one or more of the conditions contained within this plan constitutes a violation of Rules 221 and 1166.

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved Rule 1166 Contaminated Soil Mitigation Plan.

Questions regarding this plan should be directed to David Jones at (909) 396-2317.

Rv11/17/04





**South Coast Air Quality Management District**  
 21865 Copley Drive, Diamond Bar, CA 91765  
 1-800-CUT-SMOG www.aqmd.gov

July 1, 2012

**IMPORTANT NOTICE 2012  
 Rules 203, 1149 and 1166 Fees**

TO COMPANIES AND CONTRACTORS THAT:

- Operate portable soil/vapor extraction units at a location for 5 days or more (Rule 203)*
- Degas storage tanks known/suspected to contain Volatile Organic Compounds (VOC) (Rule 1149)*
- Remove tanks or transfer piping known/suspected to contain VOC (Rule 1166)*
- Handle, excavate, grade, monitor or treat soil known/suspected to contain VOC (Rule 1166)*

SCAQMD Regulation III - Fee amendments for the Fiscal Year 2012-2013 increased notification fee is as shown below. All required notifications for soil vapor extraction projects, tank degassing projects, and excavation of VOC soil projects, are subject to the new fee per Rule 301(x) effective July 1<sup>st</sup>, 2012. See fee schedule below:

Fiscal Year	Notification Fee
2012-2013	\$55.18

The fee is per notification and an additional service charge fee of \$25.00 may apply for any returned check per Rule 313(i).

Initial notifications must be faxed to 909-396-3342 and the original notification and fee must be postmarked within 48 hours of the fax time.

AQMD recommends mailing your notification to save time, money, reduce traffic, conserve energy use and avoid air pollution. *For your convenience please mail all notifications and fees to the following mailing address:*

**SCAQMD R203/1149/1166 Notifications,  
 FILE # 55641,  
 Los Angeles, CA 90074-5641**

Notifications should be completed, signed, mailed and the fee paid by the contractor performing the project. Notifications submitted without a fee are deemed incomplete and they will be returned to sender and referred to the Air Toxics Compliance Unit.

Rules 203, 1149 and 1166 notification forms, instructions, and information can be obtained from the SCAQMD web site at <http://www.aqmd.gov>

The forms are located at our home page, click on **Business / Compliance Program / Recordkeeping and Reporting Forms** or the Rule link below.

- 203 Soil Vapor Extraction (SVE) Notification Form
- 1166 VOC Emissions From Soil Excavation Notification Form
- 1149 Storage Tank Degassing Notification Form

For any Rule 203/1149/1166 questions call the above Rules Hot Line at (909) 396-2326.

NOTE: Rule 304(e) requires an owner operator to pay for analysis of AQMD field samples showing non compliance.



**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**SVE Operation (R203) or Rule 1166 NOTIFICATION FORM**

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE); or prior to Excavating, Handling, Monitoring, Treating known or suspect Volatile Organic Compounds (VOC) contaminated soil per R1166. See instructions on the back of this form. For questions check our website at [www.aqmd.gov](http://www.aqmd.gov) or call the Hotline at (909) 396-2326. FAX this form to 909-396-3342 and within 48 hours of the fax, MAIL the original form and fee to: SCAQMD - 1166/203 Notifications, File # 55641, Los Angeles, CA 90074-5641  
 This form will be faxed back to you with a REFERENCE number if you provide a FAXBACK # here:

AQMD USE ONLY		RECEIVED BY	POSTMARK	REFERENCE #	
COMPLETED BY		Company		Phone #	
Date	Check #	Amount	Project #		
NOTIFICATION TYPE (check one only)	Original (Initial) <input type="checkbox"/>	Revision (prior reference #) <input type="checkbox"/>	Cancellation (prior reference #) <input type="checkbox"/>		
PROJECT TYPE (check one only)	<sup>1</sup> Soil Vapor Extraction (SVE) <input type="checkbox"/>	<sup>2</sup> R1166 Treating Contaminated Soil <input type="checkbox"/>	<sup>2</sup> R1166 Excavation of VOC Soil/Tank <input type="checkbox"/>	<sup>2</sup> R1166 Reporting > 50 ppm VOC Soil <input type="checkbox"/>	<sup>2</sup> R1166 Reporting > 1000 ppm VOC Soil <input type="checkbox"/>
<sup>1</sup> SVE Permit issued to (name):			<sup>1</sup> SVE Permit Number:		
<sup>1</sup> SVE Distance to nearest sensitive receptor in feet (see your permit condition requirements):					
<sup>2</sup> R1166 Mitigation Plan issued to (name):			<sup>2</sup> R1166 Plan Number:		
<sup>2</sup> R1166 - Date & time of VOC > 50 or 1000 ppm exceedance:			Highest VOC reading in ppm:		
PROJECT DATES	START	END	WORK SHIFT	day <input type="checkbox"/> swing <input type="checkbox"/> night <input type="checkbox"/>	
SITE CONTRACTOR INFORMATION		AQMD ID #	CSLB License #	Phone #	
Name		Address			
City	Zip	Site supv name & phone #			
SITE INFORMATION		Site Name	Site AQMD ID #		
Site Address		Cross Street			
Site City	Zip	Site contact name & phone #			
TANK INFORMATION	# OF TANKS	EACH	CAPACITY (gal)	MATERIAL STORED IN TANK	ABOVE GROUND? (Y/N)
		⊙			
		⊙			
Example	3 tanks	⊙	10,000	Gasoline	no
INFORMATION CERTIFICATION		I certify that the above information is complete and accurate			
Company Name	Print Name	Signature	Date		
COMMENTS					



## Rule 203 and Rule 1166 Form Notification Instructions

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE) at any site for more than 5 days per permit condition (R203); or for notifying about R1166 projects prior to excavating soil that is known or suspected to contain Volatile Organic Compounds (VOC), VOC tank excavation, discovering the presence of > 50 ppm and 1000 ppm VOC contaminated soil during soil excavation, or to notify of onsite VOC contaminated soil mitigation or treating. For questions check our website at [www.aqmd.gov](http://www.aqmd.gov) or call the Hotline at (909) 396-2326

**NOTIFICATION FEES:** Per Rule 301(x) any person required to submit a notification per Rule 1166 projects or Rule 203 - Soil Vapor Extraction projects must pay a notification fee per notification.

**FAX** all notifications to (909) 396-3342 and then **MAIL** the form and fee within 48 hours of fax to:

**SCAQMD Rule 1166 / 203 Notifications, File # 55641, Los Angeles, CA 90074-5641**

Notifications must include the following **MANDATORY** information:

**Faxback #** - Provide your fax # at the top of the Notification Form if you want a Reference # faxed back to you.

**Notification Type** - **CIRCLE** the type of Notification. Original is for new or initial Notifications. Revisions are for updating information on notifications in which the project End Date has not expired. Provide the most recent prior Reference # issued for Revisions or Cancellations.

**Project Type** - **CIRCLE** the type of work you are submitting a notification for. A separate notification and fee is required for each type of work selected.

**Mitigation Plan/Permit** - Each Project Type requires a valid R1166 Mitigation Plan or SVE Permit # (important).

**Site Contractor Information** - Provide the information for the actual contractor *doing the work*. The AQMD ID #, also known as Company or Facility ID #, can be found on the contractor's AQMD Mitigation Plan, Permits or invoices.

**Site Information** - Provide the site name and complete address. Include the street number and name, city, zip code, and nearest cross street. Give more detailed directions for site(s) difficult to locate.

**Project Dates** - Provide the project Start and End Dates. Any changes will require a Revision notification.

**Tank Information** - For R1166 tank excavation specify the tank capacity, the VOC material stored in the tank, and if the tank is above ground (a/g) or underground (u/g).

**Information Certification** - The notification must be signed and dated by the contractor doing the work or authorized representative to confirm that the information provided is complete and accurate.

**SOIL/TANK EXCAVATION NOTIFICATION** Rule 1166(c)(1)(B) Notify 24 hours prior of intent to Excavate known or suspected VOC storage and/or transfer equipment (includes diesel and waste oil tanks); or *handling* known or suspected VOC contaminated soil. NOTE: Soil excavation > 5,000 cubic yards may require a R403 Fugitive Dust Plan.

**DETECTING/FINDING VOC SOIL NOTIFICATION** - Rule 1166(c)(1)(D)(ii) Notify of finding VOC contaminated soil

- within 1 hour of detecting VOC greater than 1000 ppm\*
- within 24 hours of detecting VOC greater than 50 ppm
- within 1 hour of an excavation due to a breakdown requiring a Rule 430 notification to SCAQMD

**EMERGENCY NOTIFICATION** Rule 1166(c)(1)(B) Notify prior to start work of any incident declared an emergency by an authorized agency requiring immediate tank removal/repairs or excavating/handling known or suspected VOC soil:

- Call 1-800-CLUT-SMOG prior to excavating or fax the emergency notification to 909-396-3342 and
- Mail the notification within 48 hours after the excavation including the agency Order or Declaration.

**SOIL VAPOR EXTRACTION NOTIFICATION (SVE - Rule 203 \*)** Notify upon the 5<sup>th</sup> day after operating at a new site: Notifying of *start-up* or *testing* of operation of portable Soil Vapor Extraction equipment lasting 5 days or more. Provide the distance in feet to the nearest sensitive receptor *if* the site is located less than ¼ mile from any Long-Term Health Care Facility, Rehabilitation Center, Convalescent Center, Retirement Home, Residence, School, Playground, Child Care Center or Athletic Facility (\* See your SVE permit condition requirements).

**MITIGATION/TREATING VOC SOIL NOTIFICATION (Rule 203 \*)** Notify per Permit condition requirements when: Notifying of on-site *mitigation* or *treating* of VOC contaminated soil (\* See your Permit condition requirements).