



## FACILITY PERMIT TO OPERATE

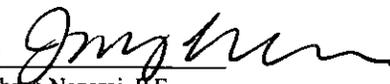
**BP WEST COAST PROD.LLC BP CARSON REF.  
2350 E 223RD ST  
CARSON, CA 90749**

### 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





**FACILITY PERMIT TO OPERATE  
BP WEST COAST PROD.LLC BP CARSON REF.**

**TABLE OF CONTENTS**

Section	Description	Revision #	Date Issued
A	Facility Information	5	09/01/2009
B	RECLAIM Annual Emission Allocation	16	12/21/2010
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	27	05/27/2011
E	Administrative Conditions	5	09/01/2009
F	RECLAIM Monitoring and Source Testing Requirements	4	09/01/2009
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	5	09/01/2009
H	Permit To Construct and Temporary Permit to Operate	47	12/22/2010
I	Compliance Plans & Schedules	9	06/23/2011
J	Air Toxics	1	09/01/2009
K	Title V Administration	1	09/01/2009
<b>Appendix</b>			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	4	09/01/2009
B	Rule Emission Limits	2	09/01/2009



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765





## FACILITY PERMIT TO OPERATE BP WEST COAST PROD.LLC BP CARSON REF.

### 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
395243	2002
395244	1176
395245	1404
408099	1123
476874	1105.1
487876	1178
495549	463
510012	1173
520022	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





# South Coast Air Quality Management District

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

**PLAN ISSUE DATE:** June 23, 2011

**COMPANY I.D #:** 131003

**MITIGATION PLAN #:** A/N 520022

**Company:** BP West Coast Products, LLC  
2350 E. 223<sup>rd</sup> Street  
Carson, CA 90810

**Site:** BP Carson Refinery—2350 E. 223<sup>rd</sup> Street, Carson, CA 90810  
**Attn:** Thomas Ward  
**Phone:** (310) 847-5637 Fax (310) 847-5780

## SITE SPECIFIC RULE 1166 VOC-CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your application (A/N 520022) for the excavation and handling of VOC-contaminated soil at **BP CARSON REFINERY**. In accordance with our Rule 1166(c), this plan is required by the South Coast Air Quality Management District (AQMD) prior to commencing excavation of any underground storage tank or transfer piping, which has previously been used to store or transfer volatile organic compounds (VOC), and during the excavation, handling, and storage of VOC-contaminated soil.

The rights and privileges granted through the issuance of this plan are restricted exclusively to the plan holder listed above to whom it was issued, and are non-transferable, even with the written or expressed consent of the plan holder. No other VOC-contaminated soil mitigation plan issued by the AQMD can be used at the same locations within this refinery site.

This mitigation plan has been approved under the provisions of AQMD Rule 1166 and is subject to the following conditions:

### PLAN CONDITIONS

#### SECTION I – GENERAL REQUIREMENTS

1. THIS EXCAVATION PLAN SHALL EXPIRE JUNE 23, 2013.
2. A SIGNED COPY OF THIS PLAN SHALL BE PRESENT AT THE EXCAVATION SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
3. 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 WASTES.
4. THIS PLAN SHALL NOT BE USED IN CONJUNCTION WITH ANY ON-SITE TREATMENT PROCESS, WITHOUT ADDITIONAL EVALUATION BY THE AQMD. THIS PLAN DOES NOT ALLOW TREATMENT OF VOC-CONTAMINATED SOIL BY THERMAL, CHEMICAL, OR MECHANICAL PROCESS UNLESS THE TREATMENT PROCESS HAS A PERMIT TO OPERATE FROM THE AQMD.
5. THE COMBINED TOTAL QUANTITY OF VOC-CONTAMINATED SOIL EXCAVATED UNDER THIS PLAN SHALL NOT EXCEED 10,000 CUBIC YARDS AT VARIOUS PROJECT SITES WITHIN THE REFINERY. AT NO TIME SHALL THE COMBINED TOTAL QUANTITY OF VOC CONTAMINATED SOIL STOCKPILED AT THIS REFINERY SITE EXCEEDS 2,000 CUBIC YARDS.

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 COMPLAINTS, NUMBER OF COMPLAINANTS, COMPLAINANT NAMES, ADDRESSES, PHONE NUMBERS AND ACTIONS TAKEN BY THE PLAN HOLDER TO MITIGATE THE SOURCE OF THE COMPLAINTS.
7. (A) DURING EACH STEP OF THE PROCESS UP TO AND INCLUDING THE REMOVAL AND DISPOSAL OF VOC-CONTAMINATED SOIL, ALL PRECAUTIONS AND MITIGATION MEASURES SHALL BE TAKEN TO MINIMIZE THE RELEASE OF VOC, ODOR AND DUST FROM THE SOIL INTO THE ATMOSPHERE. THESE SHALL INCLUDE, BUT ARE NOT LIMITED TO, COVERING THE SOIL WITH ADDITIONAL PLASTIC SHEETS AND/OR SPRAYING WATER OR APPROVED VAPOR SUPPRESSANT ON THE EXPOSED SOIL SURFACES, WORK AREAS, AND MAINTAINING PAVED PUBLIC STREETS FREE OF SOIL DEPOSITS.  
  
(B) DURING EXCAVATION, IF A CONSIDERABLE NUMBER OF COMPLAINTS ARE RECEIVED, ALL EXCAVATION ACTIVITIES SHALL CEASE, AND THE APPROVED MITIGATION MEASURES SHALL BE IMPLEMENTED IMMEDIATELY. OTHER MITIGATION MEASURES WHICH ARE DEEMED APPROPRIATE BY AQMD PERSONNEL TO ABATE THE NUISANCE CONDITION SHALL BE ALSO IMPLEMENTED UPON REQUEST.  
  
(C) VOC CONTAMINATED SOIL SHALL NOT BE SPREAD ON-SITE OR OFF-SITE THAT CAUSES THE UNCONTROLLED EVAPORATION OF VOC INTO THE ATMOSPHERE. ANY UNNECESSARY MOVEMENT/AGITATION OF THE SOIL, RESHAPING AND RELOCATION OF THE SOIL STOCKPILES ARE NOT ALLOWED UNDER THIS PLAN.

#### **SECTION II – PRIOR TO EXCAVATION**

8. AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION ACTIVITIES, THE EXECUTIVE OFFICER SHALL BE NOTIFIED BY FAX OF ALL INFORMATION SPECIFIED BY AQMD RULE 1166(c)(1)(B) INCLUDING THE NAME OF THE COMPANY PERFORMING THE EXCAVATION, AND MITIGATION PLAN NUMBER SHOWN ABOVE. THE NOTIFICATION SHALL BE MADE BY FAXING THE NOTIFICATION FORM TO (909) 396-3342 DURING NORMAL BUSINESS HOURS. FAX NOTIFICATION WILL RECEIVE A REFERENCE NUMBER BY RETURN FAX OR CAN BE OBTAINED BY CALLING THE AQMD. THE REFERENCE NUMBER SHALL BE RETAINED AS PROOF OF COMPLIANCE WITH THIS CONDITION.

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

9. PRIOR TO COMMENCING EXCAVATION ACTIVITIES, ALL PARTIES SHALL COMPLETE AND SIGN THE VERIFICATION STATEMENT SHOWN IN CONDITION NO. 29.

#### **SECTION III – EXCAVATION ACTIVITIES**

10. 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 ACCURACY OF THE OVA SHALL BE VERIFIED USING CERTIFIED CALIBRATION GAS AT THE BEGINNING OF EACH WORKING DAY FOLLOWING THE PROCEDURES SPECIFIED BY THE MANUFACTURER. IF A CALIBRATION GAS OTHER THAN HEXANE IS USED, EACH MEASUREMENT SHALL BE CORRELATED TO AND EXPRESSED AS HEXANE, USING THE EQUIVALENCY FACTOR PROVIDED BY THE MANUFACTURER. IN THE EVENT THAT INCONSISTENT OR ERRATIC READINGS ARE EXPERIENCED, OR THE OVA BECOMES OTHERWISE INOPERABLE, ALL EXCAVATION ACTIVITIES SHALL CEASE UNTIL THE OVA IS REPAIRED OR REPLACED.
11. ALL MONITORING SHALL BE CONDUCTED AT A DISTANCE NO MORE THAN 3 INCHES ABOVE THE SOIL SURFACE USING AN OVA IN COMPLIANCE WITH CONDITION NO. 10 ABOVE. MONITORING SHALL BE INITIALLY CONDUCTED AT A MINIMUM FREQUENCY OF ONE READING EVERY FIFTEEN MINUTES. UPON DETECTION OF VOC-CONTAMINATED SOIL, MONITORING SHALL BE CONDUCTED AT A MINIMUM RATE OF ONE READING FOR EVERY FIVE CUBIC YARDS OF SOIL EXCAVATED. ALL MEASUREMENTS SHALL BE TAKEN NO LATER THAN THREE MINUTES AFTER THE SOIL IS EXCAVATED.

12. ALL MONITORING SHALL BE CONDUCTED BY TRAINED PERSONNEL WHO ARE PROFICIENT IN THE USE OF THE HYDROCARBON MONITOR SELECTED FOR USE AT THIS SITE.
13. WRITTEN RECORDS OF OVA READINGS AND CALIBRATIONS REQUIRED ABOVE SHALL BE KEPT IN A FORMAT APPROVED BY THE AQMD. THE APPROVED FORMAT IS SHOWN IN THE ATTACHMENT OF THIS PLAN. ALL RECORDS SHALL BE CERTIFIED, SIGNED AND DATED ON THE DAY THE MEASUREMENTS ARE TAKEN.
14. UPON DETECTION OF VOC-CONTAMINATED SOIL (READINGS 50 PPM OR GREATER), THE EXECUTIVE OFFICER 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. A REFERENCE NUMBER WILL BE FAXED BACK OR WILL BE ISSUED WHEN THE FAX NOTIFICATION IS RECEIVED. THE FAX NOTIFICATION SHALL BE FOLLOWED BY MAILING THE NOTIFICATION FORM TO THE AQMD POSTMARKED **WITHIN 48 HOURS** OF THE FIRST DETECTION OF VOC-CONTAMINATED SOIL. THE REFERENCE NUMBER WILL BE RETAINED AS PROOF OF COMPLIANCE WITH THIS CONDITION.

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

15. 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. CONTAMINATED SOIL ONCE EXCAVATED AND STOCKPILED WILL BE CONSIDERED VOC-CONTAMINATED SOIL AT ALL TIMES AND CANNOT BE USED TO BACKFILL UNLESS TREATED TO LESS THAN 50 PPM LEVELS WITH PRIOR AQMD APPROVAL USING PERMITTED EQUIPMENT.
16. A VOC-CONTAMINATED SOIL STOCKPILE SHALL NOT BE GREATER THAN 500 CUBIC YARDS.
17. IF OVA MEASUREMENT SPECIFIED BY CONDITION NO. 11 IS GREATER THAN 50 PPMV, BUT LESS THAN 1000 PPM, FOLLOWING MITIGATION MEASURES SHALL BE TAKEN IMMEDIATELY:
  - (A) THE AFFECTED WORK AREA AND EVERY LOAD OF SOIL SHALL BE SPRAYED WITH WATER AND/OR APPROVED VAPOR SUPPRESSANT.
  - (B) VOC-CONTAMINATED SOIL IN STOCKPILE 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.
18. IF THE OVA MEASUREMENT SPECIFIED BY CONDITION NO. 11 EQUALS OR IS GREATER THAN 1000 PPMV, NOTIFY THE AQMD IMMEDIATELY (WITHIN ONE HOUR) AS SPECIFIED BY CONDITION # 14, AND FOLLOWING MITIGATION MEASURES SHALL BE TAKEN IMMEDIATELY:
  - (A) THE AFFECTED SOIL AND WORKING AREA SHALL BE IMMEDIATELY SPRAYED WITH WATER AND/OR AN APPROVED VAPOR SUPPRESSANT, AND ONE OF THE FOLLOWING MEASURES SHALL BE TAKEN:
    - (B) THE VOC-CONTAMINATED SOIL WILL BE IMMEDIATELY PLACED IN AQMD APPROVED SEALED CONTAINERS, EQUIPPED WITH VAPOR TIGHT LIDS, OR
    - (C) THE VOC-CONTAMINATED SOIL WILL BE DIRECTLY LOADED IN TRUCKS, MOISTENED WITH ADDITIONAL WATER, COVERED, AND TRANSPORTED IMMEDIATELY OFF SITE TO AN APPROVED TREATMENT FACILITY, OR

- (D) THE VOC-CONTAMINATED SOIL SHALL BE IMMEDIATELY STORED OR TRANSPORTED OFFSITE USING AN ALTERNATIVE METHOD THAT HAS PRIOR WRITTEN APPROVAL FROM THE AQMD.
19. DURING EXCAVATION, THE EXPOSED VOC-CONTAMINATED SOIL SHALL BE RESTRICTED ONLY TO THE IMMEDIATE WORKING AREA OF THE STOCKPILE. ALL OTHER PORTIONS OF THE STOCKPILE SHALL BE COVERED WITH PLASTIC SHEETING, WITH SEAMS OVERLAPED A MINIMUM OF 24 INCHES AND ARE SECURED WITH DUCT TAPE. ALL EXPOSED VOC-CONTAMINATED SOIL SURFACES AND WORK FACES SHALL BE KEPT MOIST WITH WATER AND/OR APPROVED VAPOR SUPPRESSANTS AT ALL TIMES. VOC-CONTAMINATED SOIL SHALL BE COVERED DURING PERIODS OF INACTIVITY LONGER THAN ONE 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.
  20. VOC-CONTAMINATED SOIL ONCE STOCKPILED AND COVERED WITH PLASTIC SHEETING SHALL REMAIN COVERED AND UNDISTURBED UNTIL IT IS REMOVED FROM THE SITE.
  21. UNDER THIS PLAN, SOIL ONCE DETERMINED TO BE VOC-CONTAMINATED SOIL WILL REMAIN AS VOC-CONTAMINATED SOIL UNTIL THE SOIL IS TREATED PURSUANT TO AN APPROVED AQMD TREATMENT PROCESS.
  22. DAILY INSPECTION SHALL BE CONDUCTED OF ALL COVERED VOC-CONTAMINATED SOIL STOCKPILES TO ENSURE THE INTEGRITY OF THE PLASTIC COVER. SUCH INSPECTION SHALL INCLUDE A VISUAL INSPECTION OF ALL SEAMS AND PLASTIC COVER SURFACES. ANY HOLES, TEARS OR ANY OTHER POTENTIAL SOURCES OF FUGITIVE EMISSIONS SHALL BE REPAIRED IMMEDIATELY. DAILY RECORDS SHALL BE MAINTAINED TO ENSURE COMPLIANCE WITH THIS CONDITION.
  23. A WRITTEN REPORT SHALL BE PREPARED, WHICH INCLUDES:
    - (A) THE FACILITY SELECTED TO TREAT THE VOC-CONTAMINATED SOIL, QUANTITY OF SOIL REMOVED FROM SITE, STATUS OF EXCAVATION PIT, AND ANY VOC CONTAMINATED SOIL REMAINING ON SITE.
    - (B) 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.
  24. ALL VOC-CONTAMINATED SOIL SHALL BE REMOVED FROM THE SITE WITHIN 30 DAYS OF ITS EXCAVATION.
  25. ALL VOC-CONTAMINATED SOIL REMOVED FROM THE SITE SHALL COMPLY WITH THE FOLLOWINGS:
    - (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 THE VOC-CONTAMINATED SOIL.
    - (B) WHEN LOADING IS COMPLETED AND DURING TRANSPORTATION, NO EXCAVATED MATERIAL SHALL EXTEND ABOVE THE SIDES OR REAR OF THE TRUCK OR TRAILER.
    - (C) PRIOR TO COVERING/TARPING, LOADED VOC-CONTAMINATED SOIL SHALL BE WETTED BY SPRAYING WITH MIST INHIBITOR.
    - (D) THE TRUCK OR TRAILER SHALL BE COMPLETELY COVERED WITH A TARP PRIOR TO LEAVING THE SITE TO PREVENT PARTICULATE EMISSIONS TO THE ATMOSPHERE.
    - (E) THE EXTERIOR OF THE TRUCKS (INCLUDING THE TIRES) SHALL BE CLEANED OFF PRIOR TO THE TRUCKS LEAVING THE EXCAVATION SITE.



in 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, the party financially responsible for initiating the excavation. This may include the property owner or the operator of the transfer, storage equipment. This excludes contractors working for the property owner or operator, and any other party that lacks the direct authority to immediately treat VOC-contaminated soil generated at this site.
- VOC-Contaminated Soil** 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)** Any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds are defined in AQMD 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 AQMD 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 AQMD shall not be responsible or liable for any losses because of the measures required or taken pursuant to the requirements of this approved Rule 1166 VOC-Contaminated Soil Mitigation Plan.

If you have any questions concerning this plan, please call Ms. Hanh Le at (909) 396-2522.

Sincerely,



Jay Chen  
Senior Engineering Manager  
Refinery/Waste Management/Terminals Permitting

Attachment

cc: Application File  
Compliance

## Rule 1166 Soil Monitoring Records

COID: Company ID No. 131003  BP West Coast Products, LLC 2350 E. 223 <sup>rd</sup> Street Carson, CA 90810	<b>Facility/Site Information</b> Name:  Address:  City: <span style="float: right;">Zip:</span>
Reference No(s).	

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary <small>(Upon completion of each page)</small>
Brand:	Gas:	Name:	Total Cubic Yds (This page)
Model:	Date:	Company:	Total Cubic Yds (To date)
Type:	By:	Phone:	Removed from Site (To date)

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
	Reading	Hexane Factor	Adjusted Reading			Every 15 min.	Reading	Hexane Factor	
Every 15 min.					Every 15 min.				

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



**South Coast Air Quality Management District**  
21865 E. Copley Drive  
Diamond Bar, CA 91765  
www.aqmd.gov

July 9, 2004

## **IMPORTANT NOTICE 2004**

TO COMPANIES AND CONTRACTORS THAT:

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

Effective July 1, 2004, SCAQMD Regulation III – Fee amendments for the Fiscal Years 2004-2005 and 2005-2006 require a fee of **\$39.11** for all Rule 1149, Rule 1166 and Soil Vapor Extraction Project notifications. See the fee schedule in Rule 301(ab). The fee is per notification and an additional service charge fee may apply. Service charge for any returned check is an additional \$31.97. See Rule 301(w)

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:*

**SCAQMD R1149/1166 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 1149 and 1166 notification forms, instructions, and information can be obtained from the SCAQMD web site.

In our home page click on **Business, Compliance Program, Recordkeeping and Reporting Forms**. For any questions call R1149/1166 Hot Line at (909) 396-2326.

NOTE: Rule 304(e) was amended to allow billing the source for the cost of the analysis of field samples that demonstrate non-compliance with AQMD Rules.



## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT R1149 or R1166 NOTIFICATION FORM

Use this form to notify of known or suspect VOC storage tank Degassing and Excavation; Excavation, Handling, and Monitoring of known or suspect VOC contaminated soil; Mitigation/Treating of VOC contaminated soil; and VOC Vapor Extraction.

**Fax this form to 909-396-3342 and within 48 hours mail the original and \$36.90 fee to:  
SCAQMD - R1149/1166 Notifications, File #55641, Los Angeles, CA 90074-5641**

**This form will be faxed back with a Reference number if you provide a FAXBACK #:**

<b>AQMD USE ONLY</b>	<b>RECEIVED</b>	<b>POSTMARK</b>	<b>REFERENCE #</b>		
<b>COMPLETED BY</b>		<b>Company</b>		<b>Phone #</b>	
<b>Date</b>	<b>Check #</b>	<b>Amount \$</b>		<b>Project #</b>	
<b>NOTIFICATION TYPE</b>	<b>Original (Initial)</b>	<b>Revision (prior reference #)</b>		<b>Cancellation (prior reference #)</b>	
<b>PROJECT TYPE</b> (circle one only)	<b><sup>1</sup>R1166 Soil / Tank Excavation</b>	<b><sup>2</sup>R1149 Tank Degassing</b>	<b><sup>2</sup>Soil Vapor Extraction**</b>	<b><sup>2</sup>VOC Contaminated Soil Mitigation / Treating</b>	<b><sup>1</sup>VOC Contaminated Soil Monitoring* ↓</b>
<b><sup>1</sup>Plan information is required for these projects, <sup>2</sup>Permit information is required for these projects</b>				<b>* For reporting VOC &gt; 50 or 1000 ppm only</b>	
<b><sup>1</sup>Mitigation Plan issued to:</b>			<b>Plan #</b>	<b>*Date &amp; time of VOC exceedance</b>	
<b><sup>2</sup>Permit issued to:</b>			<b>Permit #</b>	<b>*Highest VOC reading in ppm</b>	
<b>PROJECT DATES</b>		<b>START</b>	<b>END</b>	<b>WORK SHIFT (day, swing, night)</b>	
<b>SITE CONTRACTOR INFORMATION</b>		<b>AQMD ID #</b>	<b>CSLB License #</b>	<b>Phone #</b>	
<b>Name</b>		<b>Address</b>			
<b>City</b>	<b>Zip</b>	<b>Site Supervisor/phone #</b>			
<b>SITE INFORMATION</b>		<b>Site Name</b>		<b>Site AQMD ID #</b>	
<b>Site Address</b>			<b>Cross Street</b>		
<b>Site City</b>	<b>Zip</b>	<b>Site Contact/phone #</b>			
<b>TANK INFORMATION</b>	<b># OF TANKS</b>	<b>EACH</b>	<b>CAPACITY (gal)</b>	<b>MATERIAL STORED IN TANK</b>	<b>ABOVE GROUND? (Y/N)</b>
		@			
		@			
<i>Example</i>	<i>3 tanks</i>	<i>@</i>	<i>10,000</i>	<i>Gasoline</i>	<i>no</i>
<b>EMERGENCY NOTIFICATIONS:</b> Fax a copy of the order and give the reason, date, time, name and phone # of the person declaring the emergency.					
<b>Reason:</b>					
<b>Date &amp; time</b>	<b>Name/Title</b>			<b>Phone #</b>	
<b>INFORMATION CERTIFICATION</b> I certify that the above information is complete and accurate					
<b>Company Name</b>	<b>Print Name</b>		<b>Signature</b>	<b>Date</b>	
<b>COMMENTS</b>					
**Distance to nearest sensitive receptor in feet:					

# INSTRUCTIONS FOR SCAQMD RULES 1149 & 1166 NOTIFICATION FORM

## WHERE TO FAX AND MAIL YOUR NOTIFICATION AND FEE

Effective July 1, 2004, AQMD Rule 301(ab) requires any person submitting a notification per Rule 1149, Rule 1166 or for soil vapor extraction projects to pay a notification fee of \$36.90.

- Fax all notifications to (909) 396-3342 and within 48 hours Mail the form and \$36.90 fee to:  
SCAQMD – R1149/1166 Notifications, File # 55641, Los Angeles, CA 90074-5641.

## NOTIFICATIONS MUST CONTAIN THE FOLLOWING INFORMATION:

- **Faxback #** - Provide a 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 previous Reference # issued for **Revisions** and **Cancellations**. The fee applies to *each* original notification.
- **Project Type** - Circle the type of work you are submitting a notification for. A separate notification is required for each type of work selected.
- **Mitigation Plan/Permit** - Each Project Type requires a valid Mitigation Plan or Permit # (identified by either a <sup>1</sup> or <sup>2</sup>). Indicate who the Mitigation Plan or Permit is issued to and the Plan or Permit #.
- **Site Contractor Information** - Provide the required 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 permits, Mitigation Plans 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 if you think the site is difficult to locate.
- **Project Dates** - Provide the project Start and End Dates. Any changes will require a Revision notification.
- **Tank Information** – For tank Degassing or Excavating, specify the tank capacity and the VOC material stored and if the tank is underground or above ground.
- **Information Certification** - The contractor doing the work, or an authorized representative, must sign and date the notification to confirm that the information provided is complete and accurate.

### TANK DEGASSING NOTIFICATION

**Notify 24 hours prior to commencing when:**

Notifying of intent to *Degas* or clean known or suspected VOC storage equipment.

### SOIL/TANK EXCAVATION NOTIFICATION

**Notify 24 hours prior to commencing when:**

Notifying 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 requires a pre-approved AQMD Rule 403 Fugitive Dust Plan.

### MONITORING NOTIFICATION

**Notify within either 1 hour or 24 hours accordingly when:**

Notifying of *finding/detecting* VOC contaminated soil greater than 50 ppm or 1000 ppm

- Notify within 1 hour of detecting VOC greater than 1000 ppm
- Notify within 24 hours of detecting VOC greater than 50 ppm

### MITIGATION/TREATING NOTIFICATION

**Notify per Permit condition requirements when:**

Notifying of on-site *mitigation* or *treating* of VOC contaminated soil (see your Permit condition requirements).

### SOIL VAPOR EXTRACTION NOTIFICATION

**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. If the site is located less than ¼ mile, provide the distance in feet to the nearest sensitive receptor defined as Long-Term Health Care Facilities, Rehabilitation Centers, Convalescent Centers, Retirement Homes, Residences, Schools, Playgrounds, Child Care Centers, and Athletic Facilities (see your Permit condition requirements).

### EMERGENCY CLEAN-UP NOTIFICATION

**Notify prior to excavation when:**

*Excavating* or *handling* VOC contaminated soil as a result of a VOC spill or a declared emergency

- Call 1-800-CUT SMOG *prior* to excavation or fax the Emergency Notification to 909-396-3342 and
- Mail the written Notification within 48 hours *after* the excavation (include the Agency Order or Declaration)