



# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SEP 11 2012

Gerardo C. Rios, Chief  
Permits Office (AIR-3)  
U.S. EPA - Region IX  
75 Hawthorne St  
San Francisco, CA 94105

**Re: Notice of Final Action - Minor Title V Permit Modification  
District Facility # S-1518  
Project # S-1120820**

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Phillips66 Pipeline LLC by incorporating S-1518-33-0 and '-34-0. The project is to install a new crude oil truck unloading rack and a 25 bbl below ground sump with vapor control.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on 4/11/2012. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

A handwritten signature in black ink, appearing to read "David Warner".

David Warner  
Director of Permit Services

DW:dg

Enclosures

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**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061  
[www.valleyair.org](http://www.valleyair.org)

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: (661) 392-5500 FAX: (661) 392-5585



# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SEP 11 2012

Jim Adams  
Phillips66 Pipeline LLC  
14990 Highway 46  
Lost Hills, CA 93249

**Re: Notice of Final Action - Minor Title V Permit Modification  
District Facility # S-1518  
Project # S-1120820**

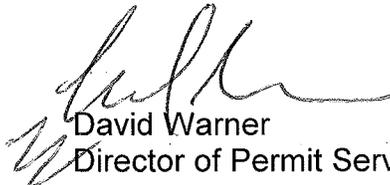
Dear Mr. Adams:

The Air Pollution Control Officer has modified the Title V permit for Phillips66 Pipeline LLC by incorporating S-1518-33-0 and '-34-0. The project is to install a new crude oil truck unloading rack and a 25 bbl below ground sump with vapor control.

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Sincerely,

  
David Warner  
Director of Permit Services

DW:dg

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-1518-33-1

**EXPIRATION DATE:** 05/31/2014

**SECTION:** SE19 **TOWNSHIP:** 26S **RANGE:** 19E

**EQUIPMENT DESCRIPTION:**  
CRUDE OIL UNLOADING RACK

## PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. The fugitive emission rate from the components shall not exceed 1.6 lb-VOC/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The fugitive VOC emissions rate shall be calculated using CAPCOA California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities, Table IV-2c, Oil and Gas Production Screening Value Ranges Emission Factors (Feb 1999) from the total number of components. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The unloading equipment shall be designed, installed, maintained and operated such that there are no leaks or excess organic liquid drainage at disconnection. [District Rule 4624] Federally Enforceable Through Title V Permit
6. A leak shall be defined as the dripping of VOC-containing liquid at a rate of more than three drops per minute or for organic liquids, the detection of gaseous or vapor emissions with a concentration of VOC greater than 1,000 ppmv above background as methane. [District Rule 4624] Federally Enforceable Through Title V Permit
7. Excess liquid drainage shall be defined as exceeding 10 milliliters based on an average from 3 consecutive disconnects. [District Rule 4624] Federally Enforceable Through Title V Permit
8. The operator shall inspect each transfer rack handling organic liquids for leaks during transfer at least once every calendar quarter using the test method prescribed in this permit. [District Rule 4624] Federally Enforceable Through Title V Permit
9. Any component that is found to be leaking shall be repaired or replaced within 72 hours. If the leaking component cannot be repaired or replaced within 72 hours, the component shall be taken out of service until such time the component is repaired or replaced. The repaired or replacement equipment shall be reinspected the first time the equipment is in operation after the repair or replacement. [District Rule 4624] Federally Enforceable Through Title V Permit
10. All measurements of gaseous leak concentrations shall be conducted according to EPA Method 21 using an appropriate portable hydrocarbon detection instrument calibrated with methane. The instrument shall be calibrated in accordance with the procedures specified in EPA Method 21 or the manufacturer's instructions not more than 30 days prior to its use. [District Rule 4624] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

11. Records shall be maintained of each calibration of the portable hydrocarbon detection instrument utilized for inspecting components. The records shall include a copy of the current calibration gas certification from the vendor of the calibration gas cylinder, the date of calibration, the concentration of calibration gas, the instrument reading of calibration gas before adjustment, the instrument reading of calibration gas after adjustment, the calibration gas expiration date, and the calibration gas cylinder pressure at the time of calibration. [District Rule 4624] Federally Enforceable Through Title V Permit
12. Permittee may apply for a written approval from the APCO to change the inspection frequency from quarterly to annually provided no leaks are found during five consecutive quarterly inspections. Upon identification of any leak during an annual inspection the frequency shall revert back to quarterly and the operator shall contact the APCO in writing within 14 days. [District Rule 4624] Federally Enforceable Through Title V Permit
13. The operator shall maintain records of the number and type of components installed and calculated fugitive emissions. The operator shall update such records when new components are installed. [District Rule 4624] Federally Enforceable Through Title V Permit
14. The operator shall maintain daily records of liquid throughput. [District Rule 4624] Federally Enforceable Through Title V Permit
15. The operator shall maintain records of the results of all required leak inspections. [District Rule 4624] Federally Enforceable Through Title V Permit
16. All records required by this permit shall be retained on-site for a minimum of five years and made available for District, ARB, and EPA inspection upon request. [District Rules 2201 and 4624] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-1518-34-1

**EXPIRATION DATE:** 05/31/2014

**SECTION:** SE19 **TOWNSHIP:** 26S **RANGE:** 19E

**EQUIPMENT DESCRIPTION:**

25 BBL FIXED ROOF SUMP TANK SERVED BY TWO 200 LB CARBON CANISTERS CONNECTED IN SERIES

## PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. The carbon adsorption system shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The organic liquid throughput of the sump shall not exceed 6 bbl/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A minimum of two carbon canisters which are connected in series shall be utilized. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The carbon canisters shall demonstrate 99% reduction in VOC content of the vapor stream by measurement of influent and effluent VOC concentrations. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The controlled emission rate from this unit shall not exceed 0.1 lb-VOC/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Sampling ports adequate for extraction of grab samples and use of an FID, PID, or other District-approved VOC detection device shall be provided for both the influent and the effluent gas streams. [District Rule 1081] Federally Enforceable Through Title V Permit
9. Laboratory samples shall be taken at the initial inspection, under the supervision of the APCD Inspector. Samples shall be taken from both the influent and the effluent gas stream sampling ports. [District Rule 1081] Federally Enforceable Through Title V Permit
10. Measurements to determine the influent and the effluent gas flow rates shall be taken at the initial inspection. Flow rate calculations shall be submitted to the District along with the laboratory sample analysis results. [District Rule 1081] Federally Enforceable Through Title V Permit
11. Initial compliance with VOC emission rate and control efficiency requirements shall be demonstrated by the results of the laboratory sample analysis. The results shall be submitted to the District within 60 days of the test. [District Rule 1081] Federally Enforceable Through Title V Permit
12. Ongoing compliance with VOC emission rate and control efficiency requirements shall be demonstrated by sampling both the influent and the effluent gas streams with an FID, PID, or other District-approved VOC detection device. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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13. Sampling to demonstrate ongoing compliance shall be performed at least once per week using an FID, PID, or other District-approved VOC detection device. Upon completion of eight weeks of demonstration without carbon bed breakthrough, monitoring shall be required once a month. If monthly monitoring demonstrates breakthrough, weekly monitoring shall resume. [District Rule 1081] Federally Enforceable Through Title V Permit
14. The carbon canisters removed from the system shall be sealed vapor tight. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The operator shall maintain monthly records of average daily organic liquid throughput. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The operator shall maintain records of carbon canister monitoring results. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

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