



JUN 07 2013

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: **Notice of Minor Title V Permit Modification**
District Facility # S-1372
Project # 1132188

Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. Plains Exploration and Production Company is proposing a Title V minor permit modification to modify Permit(s) to Operate (PTOs) S-1372-219-2 of the facility's current Title V operating permit. Plains Exploration and Production Company (PXP) is proposing to correct the volume listed on a crude oil storage tank permit.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V PTO(s) S-1372-219-3, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

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

Sincerely,



David Warner
Director of Permit Services

Enclosures
cc: David Torii, Permit Services

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

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



JUN 07 2013

Ken Bork
Plains Exploration and Production Company
1200 Discovery Drive, Suite 500
Bakersfield, CA 93309

**Re: Notice of Minor Title V Permit Modification
District Facility # S-1372
Project # 1132188**

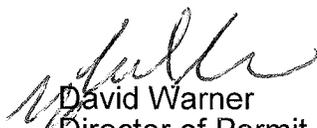
Dear Mr. Bork:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to modify Permit(s) to Operate S-1372-219-2 of the current Title V operating permit. Plains Exploration and Production Company (PXP) is proposing to correct the volume listed on a crude oil storage tank permit.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V PTO(s) S-1372-219-3, application, and previous Title V permit. This project will be finalized after the 45-day EPA comment period.

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

Sincerely,



David Warner
Director of Permit Services

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www.valleyair.org www.healthyairliving.com

Southern Region
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Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

TITLE V APPLICATION REVIEW

Minor Modification
Project #: S-1132188

Engineer: David Torii
Reviewing Engineer: Steve Leonard

JK 5/30/13

Facility Number: S-1372
Facility Name: Plains Exploration and Production Company
Mailing Address: 1200 Discovery Drive, Suite 500
Bakersfield, CA 93309

Contact Name: Ken Bork
Phone: 661-395-5458

Responsible Official: Steven Rousch
Title: Vice President

I. PROPOSAL

Plains Exploration and Production Company (PXP) is proposing a Title V minor permit modification to correct the volume listed on a crude oil storage tank permit.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The equipment is located in section 6, township 30S range 22E in Plain's Heavy Oil Western stationary source, Kern County.

III. EQUIPMENT DESCRIPTION

PTO S-1372-219-3: 505 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#8472)

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

The Changes in the original Permit to Operate and the implemented ATC are as follows

| Condition # on current PTO S-1372-219-2 | Condition # on Proposed Permit S-1372-219-3 | Condition is New, Revised, or Removed | Reason for Change from Current PTO |
|--|--|---------------------------------------|------------------------------------|
| Equipment Description | Equipment Description | revised | Correct tank volume |

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which

the source would otherwise be subject. Such terms and conditions include;

- a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
- b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and

3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
(S-1372-219-3)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1372-219-3

SECTION: 6 TOWNSHIP: 30S RANGE: 22E

EQUIPMENT DESCRIPTION:

250 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#8472)

EXPIRATION DATE: 05/31/2016

DRAFT

PERMIT UNIT REQUIREMENTS

1. True vapor pressure of any organic liquid introduced to the tank shall not exceed 0.5 psia at liquid temperature. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak-free condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. The operator shall conduct a TVP testing of each uncontrolled fixed roof tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in each tank. In lieu of testing each uncontrolled fixed roof tank, an operator may conduct a TVP testing of a representative tank provided the requirements of Sections 6.2.1.1.1 through 6.2.1.1.5 are met. The operator shall also comply with Section 6.2.1.2. The operator shall submit the records of TVP and/or API gravity testing to the APCO as specified in Section 6.3.6. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
4. The operator shall submit the records of TVP and API gravity testing conducted in accordance with the requirements of Section 6.2 to the APCO within 45 days after the date of testing. The record shall include the tank identification number, PTO number, type of stored organic liquid, TVP and API gravity of the stored organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
5. {2589} For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
6. The operator shall keep an accurate record of each organic liquid stored in each tank, including its storage temperature, TVP, and API gravity. Such records shall be retained for at least five years and made available to the District upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B
Current Permit to Operate
(S-1372-219-2)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1372-219-2

EXPIRATION DATE: 05/31/2016

SECTION: 6 **TOWNSHIP:** 30S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

505 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#8472)

PERMIT UNIT REQUIREMENTS

1. True vapor pressure of any organic liquid introduced to the tank shall not exceed 0.5 psia at liquid temperature. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak-free condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
3. The operator shall conduct a TVP testing of each uncontrolled fixed roof tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in each tank. In lieu of testing each uncontrolled fixed roof tank, an operator may conduct a TVP testing of a representative tank provided the requirements of Sections 6.2.1.1.1 through 6.2.1.1.5 are met. The operator shall also comply with Section 6.2.1.2. The operator shall submit the records of TVP and/or API gravity testing to the APCO as specified in Section 6.3.6. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
4. The operator shall submit the records of TVP and API gravity testing conducted in accordance with the requirements of Section 6.2 to the APCO within 45 days after the date of testing. The record shall include the tank identification number, PTO number, type of stored organic liquid, TVP and API gravity of the stored organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
5. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
6. The operator shall keep an accurate record of each organic liquid stored in each tank, including its storage temperature, TVP, and API gravity. Such records shall be retained for at least five years and made available to the District upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Emissions Increases

| SSIPE (lb/yr) | | | | |
|---------------|-----|----|-----|------|
| NOx | VOC | CO | SOx | PM10 |
| 0 | 0 | 0 | 0 | 0 |

ATTACHMENT D

Application

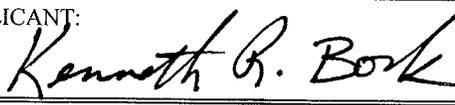
San Joaquin Valley Air Pollution Control District

www.valleyair.org

RECEIVED
MAY 23 2013
 SJVAPCD
 Southern Region

Permit Application For:

- AUTHORITY TO CONSTRUCT (ATC) - New Emission Unit.
- AUTHORITY TO CONSTRUCT (ATC) - Modification Of Emission Unit With Valid PTO/Valid ATC.
- AUTHORITY TO CONSTRUCT (ATC) - Renewal of Valid Authority to Construct.
- PERMIT TO OPERATE (PTO) - Existing Emission Unit Now Requiring a Permit to Operate.

| | |
|---|---|
| 1. PERMIT TO BE ISSUED TO: Plains Exploration & Production Company | |
| 2. MAILING ADDRESS: STREET/P.O. BOX: 1200 Discovery Drive Suite #500 CITY: Bakersfield STATE: CA. ZIP CODE: 93309 | |
| 3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: _____ CITY: _____ SE /4 SECTION 6 TOWNSHIP 30S RANGE 22E | WITHIN 1,000 FT OF A SCHOOL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO S.I.C. CODE(S) OF FACILITY (If known): 13 |
| 4. GENERAL NATURE OF BUSINESS: OIL & GAS PRODUCTION | INSTALL DATE: UNKNOWN |
| 5. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 6. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) S-1372-219-2 (505 bbl fixed roof crude oil storage tank #8472) Decrease tank volume of device #S-1372-219 from 505 Bbls to 250 Bbls. | |
| 7. PERMIT REVIEW PERIOD: Do you request a three- or ten-day period to review the draft Authority to Construct permit? Please note that checking "YES" will delay issuance of your final permit by a corresponding number of working days. See instructions for more information on this review process. <input checked="" type="checkbox"/> 3-day review <input type="checkbox"/> 10-day review <input type="checkbox"/> No review requested | |
| 8. HAVE YOU EVER APPLIED FOR AN ATC OR PTO IN THE PAST? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, ATC/PTO #: S-1372-219-1 | Optional Section 11. CHECK WHETHER YOU ARE A PARTICIPANT IN EITHER OF THESE VOLUNTARY PROGRAMS: "SPARE THE AIR"  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Send info "INSPECT"  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Send info |
| 9. HAVE ALL NECESSARY LAND-USE AUTHORIZATIONS BEEN OBTAINED? (If "No" is checked, please attach explanation.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 10. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, NOV/NTC #: _____ | |
| 12. TYPE OR PRINT NAME OF APPLICANT: Kenneth R. Bork | TITLE OF APPLICANT: Senior Environmental Advisor |
| 13. SIGNATURE OF APPLICANT:  DATE: 5-21-13 | PHONE #: (661) 395-5458 FAX #: (661) 395-5298 E-MAIL: kbork@pxp.com |

FOR APCD USE ONLY:

| | |
|-------------|--|
| DATE STAMP: | FILING FEE RECEIVED: \$ 71 CHECK #: 0010295398 |
| | DATE PAID: pm 5/23/13 |
| | PROJECT #: S-1132188 FACILITY ID: 0-1372 |

Plains Explor. & Prod.

San Joaquin Valley Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION
 MINOR PERMIT MODIFICATION

 ADMINISTRATIVE AMENDMENT

| | |
|--|-----------------------|
| COMPANY NAME: Plains Exploration & Production Company | FACILITY ID: S - 1372 |
| 1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility | |
| 2. Owner's Name: Plains Exploration & Production Company | |
| 3. Agent to the Owner: Steven P. Rusch | |

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- S P R R Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s).
- S P R R Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- S P R R Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- S P R R Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:



 Signature of Responsible Official

 Date

Steven P. Rusch
 Name of Responsible Official (please print)

Vice President-EHS & Governmental Affairs
 Title of Responsible Official (please print)

**San Joaquin Valley Air Pollution Control District
Supplemental Application Form**

Oilfield Production Tanks

Please complete one form for each tank.

RECEIVED
MAY 23 2013
SJVAPCD
Southern Region

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form

PERMIT TO BE ISSUED TO: Plains Exploration & Production Company

LOCATION WHERE THE EQUIPMENT WILL BE OPERATED (section, township, range or other specifics):
Cymric Field, McKittrick Fee (SE/4 of Section 6, T30S/R22E)

FACILITY DATA

| | |
|----------------------|---|
| Facility Data | Is this facility a "Small Producer"? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Note: To be designated as a "Small Producer" as defined in District Rule 4623, a stationary source must have an average of less than 6,000 bbl./day of crude oil from all operations within the county and not engage in the refining or marketing of refined petroleum products.) |
|----------------------|---|

EQUIPMENT DESCRIPTION

| | | |
|------------------|--|--|
| Tank Data | Tank use: <input type="checkbox"/> Production <input type="checkbox"/> Wash <input type="checkbox"/> Shipping <input checked="" type="checkbox"/> Other (please specify): <u>Drain</u> | |
| | Is tank a constant level tank? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Average Liquid Height: <u>5</u> ft |
| | Tank size: <u>250</u> bbl | Tank dimensions: Diameter <u>16</u> ft x Height <u>8</u> ft |
| | Is this tank connected to a vapor recovery system? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, please submit component count for vapor piping from tank to control device. Control method: <input type="checkbox"/> Incineration <input type="checkbox"/> Absorption <input type="checkbox"/> Re-injection well <input type="checkbox"/> Other (please specify): _____ | |
| | Pressure/vacuum relief valve or breather vent setting: <u>10% of maximum allowable working pressure</u> | |
| | Roof Type: <input checked="" type="checkbox"/> Fixed cone <input type="checkbox"/> Fixed dome <input type="checkbox"/> External floating (please complete page 2 of this application) <input type="checkbox"/> Internal floating <input type="checkbox"/> Other (please specify): _____ | |
| | Tank color: <u>Tan</u> Roof color: <u>Tan</u> (i.e. white, red, aluminum, light/med, etc.) | |
| | Tank condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Poor | Roof condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Poor |

CHARACTERISTICS OF STORED OIL

| | | |
|-----------------|---|--|
| Oil Data | Maximum oil throughput: <u>15</u> bbl/day and <u>5,475</u> bbl/yr | |
| | Maximum fluid throughput: <u>400</u> bbl/day | |
| | API gravity: <u>11.6</u> ° | Molecular weight of oil (if other than 50): <u>332.8</u> |
| | Maximum storage temperature: <u>110</u> °F | |
| | For Light Oil Only (API ≥ 26 °): Reid vapor pressure (RVP) _____ psia | |
| | For Heavy Oil Only (API < 26 °): Reactive organic compound (ROC) vapor pressure @ maximum storage temperature <u><0.5</u> psia | |
| | Please attach laboratory report as reference for oil quality. | |

EXTERNAL FLOATING ROOF TANK FITTINGS

| Fitting Type | Item | Quantity of fittings |
|--|---|----------------------|
| Access Hatches | Bolted cover, gasketed | |
| | Unbolted cover, ungasketed | |
| | Unbolted cover, gasketed | |
| Unslotted Guide Poles/Wells | Ungasketed sliding cover; pole sleeve | |
| | Gasketed sliding cover; pole wiper | |
| Slotted Guide Poles/Sample Wells | Ungasketed or gasketed sliding cover w/o float | |
| | Ungasketed or gasketed sliding cover w/ float | |
| | Gasketed sliding cover with pole wiper | |
| | Gasketed sliding cover with pole sleeve | |
| | Gasketed sliding cover with pole wiper and sleeve | |
| | Gasketed sliding cover with float and wiper | |
| | Gasketed sliding cover with float/wiper/sleeve | |
| Gauge-Float Wells/ Automatic Gauges | Unbolted cover, ungasketed | |
| | Unbolted cover, gasketed | |
| | Bolted cover, gasketed | |
| Gauge Hatches/Sample Ports | Weighted mechanical actuation, gasketed | |
| | Weighted mechanical actuation, ungasketed | |
| | Slit fabric seal, 10% open area | |
| Vacuum Breakers, Weighted Mechanical Actuation | Ungasketed | |
| | Gasketed | |
| Roof Drains | 90% closed | |
| | Open | |
| Deck Legs | Adjustable; pontoon area (circle one): G U S ¹ | |
| | Adjustable; center area (circle one): G U S ¹ | |
| | Adjustable; double deck roofs | |
| | Fixed | |
| Rim Vents | Ungasketed | |
| | Gasketed | |
| Ladder Vents, Sliding Cover | Ungasketed | |
| | Gasketed | |
| Other (as needed) | | |
| | | |
| | | |

¹Select the best fit: G = gasketed; U = ungasketed; S = sock

HEALTH RISK ASSESSMENT DATA

| | | |
|---|---|--|
| Distance to nearest apartment, house, dormitory, etc. | _13,707_ feet | Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment, house, dormitory, etc. |
| | Southeast | Direction from the stack to the receptor, i.e. Northeast or South. |
| Distance to nearest office building, factory, store, etc. | _12,467_ feet | Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc. |
| | Southeast | Direction from the stack to the receptor, i.e. North or Southwest. |
| Facility Location | <input type="checkbox"/> Urban (area of dense population) <input checked="" type="checkbox"/> Rural (area of sparse population) | |

FOR DISTRICT USE ONLY

| | | | |
|-----------|------|----------|--------------------|
| Date: | FID: | Project: | Public Notice: Y N |
| Comments: | | | |

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1372-219-2

EXPIRATION DATE: 05/31/2016

SECTION: 6 TOWNSHIP: 30S RANGE: 22E

EQUIPMENT DESCRIPTION:

505 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#8472)

PERMIT UNIT REQUIREMENTS

1. True vapor pressure of any organic liquid introduced to the tank shall not exceed 0.5 psia at liquid temperature. [District Rule 4623, 5.1] Federally Enforceable Through Title V Permit
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak-free condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623, 5.2] Federally Enforceable Through Title V Permit
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6. The operator shall keep an accurate record of each organic liquid stored in each tank, including its storage temperature, TVP, and API gravity. Such records shall be retained for at least five years and made available to the District upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

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