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<i>ENGINEERING AND COMPLIANCE DIVISION</i> <i>Waste Management & Bulk Terminal Permitting</i>	A/N 535557-558	Date 10/05/12
CHEVRON USA (VAN NUYS) P/C TO P/O EVALUATION	Processed by Ed O'Neal	Checked by

EVALUATION FOR PC/PO
-SECTION D-

COMPANY

Chevron USA (Van Nuys)

Facility ID# 2526

MAILING ADDRESS & EQUIPMENT LOCATION

15359 Oxnard Street
Van Nuys, CA 91411

APPLICATION NO. 535557

TITLE V FACILITY PERMIT AMENDMENT APPLICATION, DEMINIMIS REVISION,
FOR A/N 535558.

APPLICATION NO. 535558

FACILITY LIQUID RECOVERY (LIFT STATION) SYSTEM

EQUIPMENT DESCRIPTION & PERMIT CONDITIONS

See draft permit included in this folder.

BACKGROUND

This is a Title V facility which is a truck loading terminal and storage tank facility which distributes refinery products. The facility has had air permits since 1963, and currently operates four storage tanks, an ethanol truck unloading rack, four truck loading racks and a carbon vapor adsorption system.

An initial Title V permit was issued February 23, 2009.

The above described applications were submitted on April 19, 2012 to install a facility lift station that will replace the current system which gravity feeds to an underground tank.

Each of the four loading lanes, the Chevron Pipe Line (CPL) area and the Transportation & Operations (T & O) area will have collection vessels and pumps which will transfer material to Chevron's transmix tank, Tank No. 5 which is operated under permit D71961.



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NOV/NC HISTORY

A review of compliance records did not show any Notices to Comply or public nuisance complaints for this facility in the past two years.

However, a Notice of Violation (P51148) was issued on June 15, 2011 for failure to maintain and operate transfer equipment free of vapor leaks and operating a CMS contrary to their 462 plan (expired calibration gases)

This NOV was closed December 15, 2011 and the facility is in compliance and is expected to stay in compliance.

PROCESS DESCRIPTION

Chevron is proposing to install a liquid recovery lift station system to replace their current gravity fed underground system at their Van Nuy's Terminal. Chevron refers to the system as a "lift station" since it lifts the liquids into the slop tank.

Upgrading their current system would cost as much as installing the lift system, but maintaining the lift system would be much cheaper.

Each loading island will have a collection vessel (4 total) which will receive gasoline vapor condensate from the loading island's vapor lines. These vessels will also receive any remaining liquid when the gas lines are cleared out for maintenance and repair which occurs about every two years.

Near the CPL Area there will be a catch basin to collect contaminated rain water which will be pumped into a collection vessel.

Also in the T & O Area there will be another catch basin to collect contaminated rain water which will be pumped into yet another collection vessel.

The contents of the collection vessels will be pumped automatically into Tank No. 5. Material collected in Tank 5 is sold to a recycler.

All six of the lift system's collection vessels are connected to the terminal's Vapor Recovery System.



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EMISSIONS

Chevron's new liquid recovery lift station system emissions will come from a variety of sources. These emission sources are listed and calculated in Table 1 below. The type and number of sources were determined by Chevron reviewing drawings of the proposed installation. Negligible emissions expected from the containment vessels due to their small size and throughput.

Emission leaks shall not exceed 500 ppm per Chevron.

Table 1: ROG Emissions from Facility Lift Station

<i>Parameter</i>	<i>Actual Number of Sources</i>	<i>Emission Factor (lb/source/yr)</i>	<i>Total Emissions (lbs/yr)</i>
Valves, Light Liquid Service	1	4.55	4.55
Valves, Light Liquid Bellow Sealed	181	0	0
Pumps, Light Liquid Service	10	0	0
PRVs, Closed System	3	0	0
Flanges, Light Liquid	14	6.99	97.9
Connectors, Light Liquid	535	2.86	1530.1
Others (Light Liquid)	90	9.09	818.1
TOTAL ROG EMISSIONS			2450.6

BACT: $2450.6 \text{ lb/yr} / 365 \text{ day/yr} = 6.7 \text{ lb-ROG/day}$ increase. An increase greater than 1 lb/day requires BACT.

OFFSETS: $2450.6 \text{ lbs/yr} / (12 \text{ months/yr}) / (30 \text{ days/month}) = 6.8 \text{ lbs/day}$

$6.8 \text{ lbs/day} \times 1.2 \text{ offset factor} = 8.16 \text{ lb/day}$
Therefore 8 lbs-ROG/day offsets are required



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1401 Toxic emissions (calculations attached to this report)

The ROG emissions calculated above contain carcinogenic and toxic compounds listed in Rule 1401. Since this project will increase 1401 compound emissions from this facility, the MICR must be calculated along with the HIA and HIC numbers to determine 1401 compliance.

Chevron included a Table showing 1401 compounds in their gasoline. 1401 compound percentage is worst case and using this information these compound emission rates are calculated below.

TAC Emission Calculations:

VOC emissions for this project are calculated at
6.7 lbs/day,
@24 hours per day,
0.279 lbs/hr

TAC	VOC Emission (lb/hr)	Vapor Weight Percent*	Emission (lb/hr) for HRA
Benzene	0.279	0.35%	9.77E-04
Toluene	0.279	0.77%	2.15E-03
Ethylbenzene	0.279	0.06%	1.68E-04
Xylenes	0.279	0.28%	7.82E-04
Naphthalene	0.279	0.0001%	2.79E-07
1.3-Butadiene	0.279	0.004%	1.12E-05
n-Hexane	0.279	2.30%	6.42E-03
Propylene	0.279	1.28%	3.57E-03

*See Table 7-3 and Table 7-4 attached to this report

A Tier 2 Screening was done and is included in this folder. A summary of results are in Tables 2.1 and 2.1 below.

Table 2.1 Tier II Screening
(Residential: Distance 1,100 feet)

Risk	Result	Threshold
MICR	8.49E-08	1.00E-06
HIA	4.03E-05	1
HIC	6.48E-05	1



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Table 2.2 Tier II Screening
(Off Site Worker: Distance 118 feet)

Risk	Result	Threshold
MICR	7.94E-07	1.00E-06
HIA	9.70E-04	1
HIC	3.10E-03	1

RULES EVALUATION

Rule 212: Standards for Approving Permits and Issuing Public Notice

The permit unit is not located within 1000 feet of a school, emissions increase will not exceed the daily maximum specified in subdivision (G) of Rule 212; and the new permit unit will not have an increased cancer risk greater than, or equal to, one in a million (1×10^{-6}) during a lifetime of 70 years or pose a risk of nuisance. Therefore, no public notice is required.

Rule 401: Visible Emissions

With proper operation of this equipment, visible emissions are not expected. Therefore, compliance with this rule is expected.

Rule 402: Nuisance

With proper operation of this equipment, visible emissions are not expected. Therefore, compliance with this rule is expected.

Rule 466: Pumps and Compressors

The District's Rule 466 establishes standards for the fugitive emissions from all pumps and compressors that handle organic liquids with a Reid Vapor Pressure (RVP) of 1.55 psia or greater. This facility will handle organic liquids with a RVP of 1.55 psia or greater. Rule will be imposed on lift station permit and facility is expected to comply.



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Rule 466.1: Valves and Flanges

The District's Rule 466.1 establishes standards for the fugitive emissions from all valves and flanges that handle organic liquids with a Reid Vapor Pressure (RVP) of 1.55 psia or greater. This facility will handle organic liquids with a RVP of 1.55 psia or greater. Rule will be imposed on lift station permit and facility is expected to comply.

Rule 1173: Fugitive Emissions of Volatile Organic Compounds

Generally, as part of complying with BACT facility wide "applicable" requirements are imposed. However, Rule 1173 is not specifically applicable to bulk terminals.

Regulation XIII - New Source Review

Rule 1303(a) – BACT – Since there will be an increase of maximum daily emissions greater than a pound BACT is required for this project. The collection vessels will be vented to air pollution control equipment (carbon) and bellow seal valves are required where feasible. Also the equipment shall be maintained in accordance with Rule 1173, so the requirements of BACT are met.

Rule 1303(b)(1) – Modeling – ROG emissions are not subject to modeling.

Rule 1303(b)(2) – Offsets – Chevron will provide 8 lbs of Coastal ERCs before permit to construct is granted.

Rule 1303(b)(4) – Facility Compliance – As mention in the NC/NOV review above, the facility is currently in compliance with all District Rules and Regulations.

1303(b)(5) – Major Pollution Facilities

(A)– Alternative Analysis – (b)(5)(D)(i) exempts this requirement

(B)– Statewide Compliance – A letter has been submitted by Chevron's legal staff stating the company maintains state compliance for all facilities.

(C)– Protection of Visibility – Not applicable as this project shall not emit PM or PM10

(D)– CEQA Compliance – CEQA form submitted with application demonstrates project is exempt from CEQA.



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Rule 1401: New Source Review of Toxic Air Contaminant

A Tier 2 review of emissions of 1401 compound from the construction of this equipment determined the MICR is less than one in a million, and the HIA and HIC is less than one. Therefore, compliance with this rule is demonstrated.

REGULATION XXX – TITLE V PERMITS

This permit is a Deminimis Permit Revision which involves a 6.7 lb-ROG/day increase.

California Environmental Quality Act (CEQA) - CEQA requires that the environmental impacts of proposed projects be evaluated and that feasible methods to reduce, avoid or eliminate identified significant adverse impacts of these projects be considered. The CEQA Applicability Form (400-CEQA) submitted indicates that the project does not have any impacts which trigger the preparation of a CEQA document. The expected impacts of the project on the environment are not significant: therefore a CEQA analysis is not required.

CFR 63 BBBB – Facility wide condition requires compliance with this NESHAP. Lift station is not subject to NESHAP because it handles a mixture of gasoline/water and thus does not handle “gasoline” as defined in the CFR.

RECOMMENDATION

Based on the above evaluation, propose to the EPA that the liquid recovery lift station system permit to construct/operate be approved and incorporated into Section D of the Title V Permit following their 45-day review (expedited review requested).

Also, include the proposed modified Rule 462 Plan (See A/N 537642).

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PROCESSED BY SAA	CHECKED BY RHW

Chevron USA Inc
 P.O. BOX 2833
 1201 S Beach Boulevard
 La Habra, CA 90631

Equipment location

15359 Oxford Street, Van Nuys, CA 90751.

EQUIPMENT DESCRIPTION

A/N 148822

Alter Transmix tank no 5, previous permit no P-00880,
 by connecting ^{the} vent to vapor recovery system

A/N 149767

Alter vapor recovery system, previous permit no
 M-37602, serving bulk loading facility and
 storage tanks 1, 2, 3, 4 by connecting vent from
 transmix tank no 5.

BACKGROUND

This tank no 5 was built in 1963 to be in
 comply with Rule 463 that was amended.

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in June 1984. the Rule requires that by January 1987 fixed roof tanks with less than 40,000 gal shall vent to vapor recovery system.

Process description

This tank stores gasoline mixture of regular gasoline, unleaded and super unleaded. the average density is 6.5 lbs/gal. the vap pressure is 13.5 lbs psi, the maximum filling rate is 1050 barrels per hour.

evaluation

the vapor recovery system is Rheem superior and it is designed to handle 16,200 cu ft/hr. The vapors displaced due to product input at the rate of 1050 bbl/hr

$$\frac{1050 \times 42}{7.48} = 5895 \text{ ACFH}$$

vapors displaced due to a heating (assume

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20° for 8 hrs

$$\text{Tank \# 5 } \frac{\pi D^2 h}{4} = \frac{\pi (15)^2 15}{4} = 2650 \text{ ft}^3$$

$$\frac{V_2}{V_1} = \frac{T_2}{T_1}$$

$$V_2 = V_1 \left(\frac{T_2}{T_1} \right)$$

$$V_2 = 2650 \left(\frac{550}{530} \right)$$

$$V_2 = 2750 \text{ ft}^3$$

Better estimate
for worst case
is 20°F temp.
use in one
hour, not 8 hrs.

$$\Delta V = V_2 - V_1$$

$$= 2750 - 2650$$

$$= 100 \text{ ft}^3 / 8 \text{ hr} \approx 15 \text{ ft}^3 \cdot \frac{\text{one hour}}{100 \text{ CF/hr}}$$

$$\begin{aligned} \text{total estimated vapor displacement} &= 5895 \text{ H15} \\ &= 5910 \text{ ft}^3/\text{hr} \\ &= 5995 \text{ ft}^3/\text{hr} \\ &\quad (\text{worst case}) \end{aligned}$$

This is well below the design capacity of
16,200 ft³/hr. ✓

The tank filling or pumping piping is
constructed that only one tank at a time
can receive gasoline. Thus the worst case
load on the VRS is when the pipeline is
delivering unloaded gasoline to the target

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Tank no 4 of 1,100 bbl/hr and the filling time is 31.6 hrs which has vapors displaced of $195,431 \text{ ft}^3 / 31.6 = 6185 \text{ Cf/hr}$.

VRS has 2 vapor holders each of 300,000 ft^3 capacity.

Therefore, whenever there is extra vapors than the design capacity, the vapor holders will hold the vapors. In 1985 annual emissions, volume loaded was $4,026,455 \frac{\text{bbl}}{\text{year}} = 2581 \frac{\text{ft}^3}{\text{hr}}$. So VRS will handle it.

Conclusion

Rule 463 The tank no 5 will be in compliance with Rule 463 after the construction of venting it to VRS.

Rule 462 The vapor recovery system will handle the extra load of vapors displaced from tank no 5.

BACT

For the tank no 5, VRS is BACT.

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Reg XIII - no increase or credit of HC emissions
 because it is rule requirement.

Recommendations

a permit to construct is recommended for
 A/N 148822

1. THIS EQUIPMENT MUST NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.
2. WITHIN 90 DAYS OF COMPLETION OF THIS CONSTRUCTION A SOURCE TEST MUST BE SCHEDULED WITH DISTRICT APPROVAL OF TEST AND ANALYTICAL PROCEDURES TO SHOW COMPLIANCE WITH RULE 463.

A/N 149767

THE VAPOR SPHERE MUST BE PREVENTED FROM VENTING BY CONTROLLING THE ORGANIC LIQUID LOADING OPERATIONS SO AS NOT TO EXCEED THE EFFECTIVE TOTAL CAPACITY OF THE COMPRESSOR AND THE VAPOR SPHERE AT ANY TIME.



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APPLICATION PROCESSING AND CALCULATIONS

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APPL. NO.

374777

DATE

10/02/2000

PROCESSED BY

E.R. Ruivivar

CHECKED BY

PERMIT TO OPERATE

COMPANY NAME: Chevron Products Company /

MAILING ADDRESS: 145 S. State College Boulevard
Brea, CA 92822

EQUIPMENT LOCATION: 15359 Oxnard Street
Van Nuys, CA 91411

EQUIPMENT DESCRIPTION:

APPLICATION NO. 374777

STORAGE TANK NO. 2, PETROLEUM LIQUIDS, 36'-0" DIA. X 48'-0" H., ⁸⁷⁰⁰~~870~~-BARREL
CAPACITY, FIXED-ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

- CONDITIONS -

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.



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DATE

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PROCESSED BY

E.R.Ruivivar

CHECKED BY

3. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUIDS HAVING AN AVERAGE TRUE VAPOR PRESSURE OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS:

4. THE TOTAL THROUGHPUT OF PETROLEUM LIQUIDS TO THE BULK LOADING FACILITY WHICH CONSISTS OF FOUR LOADING ISLANDS AND FIVE STORAGE TANKS INCLUDING THIS EQUIPMENT, AND SERVED BY A COMMON VAPOR RECOVERY SYSTEM, SHALL NOT EXCEED 2,908,224 GALLONS PER DAY. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(e)(5), SHALL BE MAINTAINED FOR AT LEAST TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ^{ONLY TO} AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.

6. THIS EQUIPMENT SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF RULE 463.



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APPL. NO.
374777

DATE
10/02/2000

PROCESSED BY
E.R.Ruivivar

CHECKED BY

I. BACKGROUND / INTRODUCTION:

The Chevron Products Company submitted this application no. 374777 for a Permit to Operate their existing storage tank no. 2 as described above at their bulk loading facility located in Van Nuys (see Appendix A for location plan and facility layout). This tank was previously operated by the applicant under P/O No. M24664 (AN C-35320) issued on May 21, 1982 (see Appendix B for copy of this permit). This permit however expired in 1998 after the applicant inadvertently did not pay for its annual renewal fee. This happened due to the reported removal of the equipment in 1997 (see Appendix C for this notation in the fee invoice). The District inactivated the said permit and therefore, the annual permit renewal billing sent to Chevron on 9-16-98 (see Appendix D for copy) did not include the said equipment in the list. Later, in 1999, Chevron discovered that they have an expired permit for the subject storage tank. Since the period to reinstate the expired permit already lapsed, Chevron therefore submitted this application (AN374777) to re-permit the subject equipment.

II. GENERAL INFORMATION:

According to Chevron, storage tank no. 2 would continue to be operated under the conditions of its previous permit including throughput limit and max. vapor pressure of petroleum liquids that it can store. The equipment has not been altered and would remain vented (see Appendix E for flow diagram) to the existing vapor recovery system (see copy of permit in Appendix F) that is also common to four other storage tanks (see Appendix G for copies of permits) and four bulk loading islands (see Appendix H for copies of permits). The vapor recovery system has a permit limit capacity of 300 scfm which corresponds to a total throughput limit for all the equipment it serves at 2,908,224 gals/day (see Appendix H). This throughput capacity represents that for the bulk loading facility which consists of the storage tanks and bulk loading stations previously mentioned and not just for the bulk loading stations only (see Appendix I). No new fugitive component would be added to the facility with the continued operation of tank no. 2.

District records do not indicate any compliance problem associated with the operation of the subject storage tank except the NOV recently issued for operating the equipment without active permit.

III. EMISSION ESTIMATE:

Since the throughput of storage tank no. 2 is already included in the 2,908,224 gallons/day total throughput limit imposed for the bulk loading facility which is currently specified in the bulk loading islands permits (see Appendix H), the VOC emissions already reported for the facility therefore includes that from the subject tank. No emission increase would then be reported for tank no. 2 or for the bulk loading facility.



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IV. EVALUATION:

- Rule 212:** No public notice is required because no increase in toxic emission to affect Rule 1401 compliance is expected. Also, there is no school within a 1,000 ft. of the subject equipment/facility.
- Rule 401:** No visible emission to violate this rule is expected.
- Rule 402:** No nuisance problem is also expected.
- Rule 463:** The tank is expected to continue to comply with all the applicable requirements of this rule including vapor control.
- Reg. XIII:** VOC emission from this equipment is already accounted for in the emissions reported for its APC system (see Appendix F) that serves it and four other tanks and the bulk loading terminal; therefore, no emission increase is expected from the subject equipment. The APC system may be considered as BACT for the said equipment because it is required to meet the limit of 0.08 lb VOC/1000 gal of petroleum liquids handled which is equivalent to about 99%+ control efficiency. Modeling for VOC is not required. Compliance with this regulation is expected.
- CEQA:** Not required because the equipment is not a significant source/project.
- Rule 1401** No increase in toxic emission is expected since its emissions (VOC/toxics) are already factored in the previous permit approval of equipment associated with its operation.

V. RECOMMENDATION:

Based on the foregoing evaluation, it is recommended that a Permit to Operate be issued for storage tank subject to condition nos. 1 to 6 on pages 1 & 2.

Emmanuel Ruivivar
A.Q. Engr. II



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

**LEGAL OWNER
OR OPERATOR:**

CHEVRON PRODUCTS COMPANY
145 S. STATE COLLEGE BLVD.
BREA, CA 92822

ID 002526

Equipment Location: 15359 OXNARD ST, VAN NUYS, CA 91411

Equipment Description:

STORAGE TANK NO. 2, PETROLEUM LIQUIDS, 36'-0" DIA. X 48'-0" H., 8700 BARREL CAPACITY, FIXED-ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUIDS HAVING AN AVERAGE TRUE VAPOR PRESSURE OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
- 4) THE TOTAL THROUGHPUT OF PETROLEUM LIQUIDS TO THE BULK LOADING FACILITY WHICH CONSISTS OF FOUR LOADING ISLANDS AND FIVE STORAGE TANKS INCLUDING THIS EQUIPMENT, AND SERVED BY A COMMON VAPOR RECOVERY SYSTEM, SHALL NOT EXCEED 2,908,224 GALLONS PER DAY. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(e)(5), SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST TWO YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
- 5) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
- 6) THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 463.

FILE COPY



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

PERMIT TO OPERATE

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Permit No.
F36546
A/N 374777

CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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 AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/er02
1/22/2001

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CHEVRON USA - VERNON TERMINAL RULE 462 CMS PLAN MODIFICATION	Processed by Ed O'Neal	Checked by

**EVALUATION FOR RULE 462 CONTINUOUS
MONITORING SYSTEM (CMS) PLAN**

COMPANY NAME AND ADDRESS

Chevron USA – Van Nuys Terminal
15359 Oxford Street
Van Nuys, CA 91411

Facility ID# 2526

BACKGROUND

This is a Title V facility which is a truck loading terminal and storage tank facility which stores refinery products. The Title V Revision application is 535557.

Chevron USA Van Nuys Terminal submitted an application to modify their Rule 462 Plan.

This is a Class "A" Facility under District Rule 462. As such, the facility is required to equip its vapor recovery/control system with a Continuous Monitoring System (CMS) that is approved by the District. A Rule 462 CMS Plan has been approved for the Van Nuys Terminal under A/N 434159. The CMS is required, under 462(f)(2) to be in compliance with Code of Federal Regulations Title 40 Part 63 Subpart R Section 63.427 and Code of Federal Regulations Title 40 Part 60 Appendix B, as applicable. Chevron proposes to modify the Plan by installation of a "card" type DX1000 series recorder to replace their paper recorder.

A review of compliance records did not show any Notices to Comply or public nuisance complaints for this facility in the past two years.

However, a Notice of Violation (P51148) was issued on June 15, 2011 for failure to maintain and operate transfer equipment free of vapor leaks and operating a CMS contrary to their 462 plan (expired calibration gases).

This NOV was closed December 15, 2011 and the facility is in compliance and is expected to stay in compliance.



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<i>ENGINEERING AND COMPLIANCE DIVISION</i> <i>Waste Management & Bulk Terminal Permitting</i>	A/N 537642	Date 10/05/12
CHEVRON USA - VERNON TERMINAL RULE 462 CMS PLAN MODIFICATION	Processed by Ed O'Neal	Checked by

DISCUSSION

The new recorder is functionally identical to the one being replaced, but records data electronically. The plan description will be updated to reflect this change, and there will be an additional plan condition to specify requirements for electronic data storage (see condition 10) on draft plan included in this folder.

EMISSIONS CALCULATION

Not applicable.

RECOMMENDATIONS

Propose to the EPA that the modified Rule 462 continuous monitoring system (CMS) plan with a modified permit description and the addition/clarification of plan conditions be added to Section I of the Title V Permit following their 45-day review.

Release with diminimis significant revision of lift station permit – see A/N 535558.