PERMITTING AND COMPLIANCE AUTHORITY
Environmental Protection and Growth Management Department
POLLUTION PREVENTION, REMEDIATION AND AIR QUALITY DIVISION – AIR QUALITY PROGRAM
One North University Drive, Suite 203, Plantation, Florida 33324
954-519-1260 * Fax: 954-519-1495

FINAL PERMIT

Permittee:
Chevron Products Company

Air Permit No. 0110058-013-AC
Project: Construction

Plant Name: The source, Chevron Port Everglades Terminal, is located at 1400 S.E 24th Street, Fort Lauderdale, Florida 33316 at Latitude: 26° 05' 30" North and Longitude: 80° 07' 34" West.

Project Description: This permit is for the construction of two 3,838,000 gallon vertical fixed roof tanks for the storage of Jet-A fuels at an existing bulk petroleum and denatured ethanol products storage and distribution terminal (SIC 5171). These tanks will be identified as Tank 70 and 71.

In Accordance with: Construction Permit Application received July 26, 2010, the Notice of Intent issued on September 7, 2010 and published on September 19, 2010 in the Sun Sentinel Newspaper.

Statement of Basis: This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Rules 62-4 and 62-210 through 62-297 (permitting requirements) and Broward County Code, Chapter 27 (emission limitations) and in conformance with all existing regulations of the Florida Department of Environmental Protection (FDEP). The above-named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Broward County Pollution Prevention, Remediation and Air Quality Division (PPRAQD) and made a part hereof.

This permit is organized by the following sections.
Section 1. Facility Description
Section 2. Facility-wide Conditions
Section 3. Emissions Unit Specific Conditions
Section 4. Appendices

Effective Date: October 12, 2010
Expiration Date: October 12, 2011

Executed in Broward County, Florida

Daniela Banu

Daniela Banu
Air Quality Administrator
Broward County Pollution Prevention, Remediation and Air Quality Division

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SECTION 1. FACILITY DESCRIPTION

Chevron Port Everglades Terminal operates a bulk petroleum products distribution terminal (Standard Industrial Classification Code 5171) which receives petroleum products by marine tanker, barge. and pipeline; stores those products in a variety of fixed and floating roof storage tanks, and distributes these products by tanker trucks and pipeline. This facility does not distribute petroleum products via marine vessel. The emission units (EU) are:

EU ID	Description of Emissions Unit	Permit Section
001	Loading Rack with a Vapor Recovery Unit (VRU)	(See Section 2 Subsection A)
023	Storage Tanks not subject to Florida RACT or NSPS Rules	(See Section 2 Subsection B)
026	Storage Tanks subject to Florida RACT or NSPS Rules	(See Section 2 Subsection C)
027	Piping and Equipment (Fugitive Emission Sources)	(See Section 2 Subsection D)

Facility Regulatory Classification

Title III: The facility is a synthetic minor source of hazardous air pollutants (HAP).
Title V: The facility is a synthetic minor source of volatile organic compounds (VOC) in accordance with Chapter 62-213 (Title V), Florida Administrative Code (F.A.C.).
PSD: The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. FACILITY -WIDE CONDITIONS

1. Capacity. The facility potential to emit (PTE) air pollutants are synthetically limited to 99.7 TPY VOC and 19.6 TPY HAPs.
   [Rules 62-4.160(2), 62-210.200(PTE), Permit Application]
   {Permitting Note. The PTE is synthetically limited to below the Title V threshold levels by self imposed emission and throughput limits on products handled at the terminal.}

2. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
   [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

3. VOC or Organic Solvents Emissions. The owner or operator shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the PPRAQD.
   [Rule 62-296.320(1) (a), F.A.C]

4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement.
   [Rule 62-296.320(4) (b), F.A.C.]

5. Circumvention. No person shall circumvent any air pollution device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
   [Rule 62-210.650, F.A.C.,]

6. (1) Concealment. No person shall build, erect, install, or use any article, machine, equipment or other contrivance, the use of which will conceal any emission which would otherwise constitute a violation of any provisions of Broward County Codes.
   (2) Maintenance. No person shall operate any air pollution control equipment or systems without proper and sufficient maintenance to assure compliance with Broward County Codes.
   [Broward County Code, Sec. 27-175(b)]

7. Operating Permit Application. By this construction permit, the owner or operator is allowed to construct, operate, and conduct tests to determine compliance with the provisions of the permit, and to apply for and receive an operating permit prior to the expiration date of this construction permit. To properly apply for an operation permit the applicant shall submit the appropriate fee and certification that construction was completed noting any deviations from the conditions in the construction permit and test results where appropriate.
   [Rules 62-4.210(3), and 62-4.220, F.A.C.]

8. Annual Operating Report (AOR). The AOR shall be submitted to the PPRAQD by April 1 of the following year. If the report is submitted using FDEP's electronic annual operating report software (EAOR), there is no requirement to submit a copy to PPRAQD.
   [Rule 62-210.370(3) (c), F.A.C.]
   {Permitting Note. Information on the EAOR submittal is available at http://www.dep.state.fl.us/air/emission/eaor/default.htm}

SECTION 2. FACILITY -WIDE CONDITIONS

9. Applicable Federal Regulations - Subpart BBBBBB. The issuance of this permit does not authorize any infringement of applicable federal regulations not currently adopted by the State of Florida (i.e. regulations that are only federally enforceable). The source is subject to the applicable requirements of 40 CFR 63 Subpart BBBBBB for bulk gasoline terminals, and is required to demonstrate compliance no later than January 10, 2011.
[Rule 62-4.160(3), F.A.C., 40 CFR 63.11083]
{Permitting Note: Subpart BBBBBB establishes national emission limitations and management practices for HAP emitted from area source gasoline distribution bulk terminals. This subpart also establishes requirements to demonstrate compliance with the emission limitations and management practices.}

10. General Permit Conditions. The owner or operator shall comply with the general permit conditions listed in Appendix 1.
[Rule 62-4.160, F.A.C.]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS

Subsection A. [Blank]

Subsection B. This section addresses the following emissions unit:

EU ID Number	Description of Emissions Unit
023	Petroleum products Storage Tanks not subject to Florida RACT or NSPS Rules

Emission unit 023 consists of existing fixed roof and domed external floating roof tanks, and new fixed roof tanks Nos. 70 and 71.

{Permitting Note: Provided the owner or operator continues to store low vapor pressure products in the tanks of EU- 023, the tanks are exempted from the requirements of Rule 62-296.508 F.A.C.: Reasonably Available Control Technology (RACT) for Petroleum Liquid Storage, and 40 CFR 60, subpart Kb, Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (NSPS). EU-023 is subject to products throughput limits.}
{Definition (40 CFR 60.111b): *Maximum true vapor pressure* (TVP) means the equilibrium partial pressure exerted by the volatile organic compounds (as defined in 40 CFR 51.100) in the stored volatile organic liquid (VOL) at the temperature equal to the highest calendar-month average of the VOL storage temperature for VOL's stored above or below the ambient temperature or at the local maximum monthly average temperature as reported by the National Weather Service for VOL's stored at the ambient temperature.}}

Essential Potential to Emit (PTE) Parameters

B.1. (a) Capacity and Content of Tanks. The materials stored in the tanks shall have a maximum true vapor pressure (TVP) less than the allowable value shown on the following table:

Existing Tanks

Tank No.	Tank Description	Allowable Maximum True Vapor Pressure
23	Fixed Roof Storage Tank (381,104 gal)	3.5 kPa (0.5 psia)
33	Domed External Floating Roof Storage Tank (539,390 gal)	3.5 kPa (0.5 psia)
38	Domed External Floating Roof Storage Tank (1,928,614 gal)	3.5 kPa (0.5 psia)
39	Domed External Floating Roof Storage Tank (1,935,419 gal)	3.5 kPa (0.5 psia)
40	Domed External Floating Roof Storage Tank (1,932,674 gal)	3.5 kPa (0.5 psia)
41	Fixed Roof Storage Tank (27,807 gal)	15.0 kPa (2.2 psia).
42	Fixed Roof Storage Tank (18,173 gal)	-
43	Fixed Roof Storage Tank (11,823 gal)	-
47	Fixed Roof Storage Tank (3,071,475 gal)	3.5 kPa (0.5 psia)
49	Fixed Roof Storage Tank (2,683,195 gal)	3.5 kPa (0.5 psia)
53	Fixed Roof Storage Tank (4,000 gal)	-
54	Fixed Roof Storage Tank (2,000 gal)	-
55	Fixed Roof Storage Tank (8,000 gal)	-

New Tanks

Tank No.	Tank Description	Allowable Maximum True Vapor Pressure
70	Fixed Roof Storage Tank (3,838,000 gal)	3.5 kPa (0.5 psia)
71	Fixed Roof Storage Tank (3,838,000 gal)	3.5 kPa (0.5 psia)

Product Maximum True Vapor Pressure
Diesel (0.01psia)
Jet Kerosene (0.01psia)
Gasoline Additive (0.11 psia)
Transmix (9.61 psia)
PCW (0.50 psia)
Red Dye for Diesel (0.01 psia)
Diesel Additives (0.11 psia)

(c) Throughput. The throughputs, calculated on a 12-month rolling average basis, shall not exceed the following limits: (1) 137,970,000 gallons/year Diesel fuel, (2) 235,000 gallons/year Additives (for Gasoline and Diesel), (3) 160,000 gallons/year Transmix, and (3) 321,930,000 gallons/year of Jet Kerosene.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

{Permitting Note. Jet kerosene transferred by pipeline is 183,690,000 gallons per year. The total Jet Kerosene through the Rack and Pipeline is 321,930,000 gallons per year.}

{Permitting Note. The tanks would no longer be exempted from the requirements of NSPS Subpart Kb if the true vapor pressure of the petroleum products stored exceeds the specified limiting values.}

B.2. Maintenance. The owner or operator shall not operate the tanks that are equipped with a closure seal, or seals, to close the space between the roof edge and tank wall without proper and sufficient maintenance. Maintenance includes but not limited to ensuring that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.
[Broward County Code, Sec. 27-175(d)]

Recordkeeping and Reporting Requirements

B.3. Products Content and Throughput. The owner or operator shall keep monthly records of TVP of product stored in the tanks and the total throughput of products for the previous 12 months period.
[Rule 62-4.070(3) F.A.C.]

B.4. Maintenance Records. The owner or operator shall maintain records of maintenance activities on the Domed External Floating Roof Storage Tanks.
[Rule 62-4.070(3) F.A.C.]

Appendix 1
General Conditions
(Rule 62-4.160, F.A.C.)

1. Terms of Permit. The terms, conditions, requirements, limitations and restrictions set forth herein are accepted and must be completed by the Permittee and enforceable by the PPRAQD pursuant to this Code and Sections 403.141, 403.727, or 403.859 through 403.861 of the Florida Statutes (F.S.). The Permittee is placed on notice that PPRAQD will review this permit periodically and may initiate administrative and/or judicial action for any violation of the conditions by the Permittee, its agents, employees, servants or representatives.
2. Permit Validity. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the PPRAQD.
3. Disclaimer. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other permit that may be required for other aspects of the total project which are not addressed in this permit.
4. Disclaimer. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interest have been obtained from the State of Florida. Only the Trustees of the Internal Improvement trust Fund may express State opinion as to title.
5. Liability. This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and DEP rule, unless specifically authorized by an order from the PPRAQD.
6. Operation and Maintenance. The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, as required by county and state rules. This provision included the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by PPRAQD and DEP rules.
7. Onsite Inspection Activities. The Permittee, by accepting this permit, specifically agrees to allow authorized PPRAQD personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times (depending on the nature of the concern being investigated), access to the premises where the permitted activity is located or conducted to:
   (a) Have access to and copy any records that must be kept under conditions of the permit;
   (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or PPRAQD and DEP rules.
8. Notice of Noncompliance. If, for any reason, the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately provide PPRAQD with the following information:
   (a) A description of and cause of noncompliance; and
   (b) The period of noncompliance, including dates and times, or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The Permittee shall be responsible for any enforcement action by PPRAQD for penalties or for revocation of this permit.
9. Evidence Materials. By accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted facility or activity, that are submitted to the PPRAQD, may be used by the PPRAQD as evidence in any enforcement

proceeding arising under the Florida Statues or F.A.C. rules, except where such use is prohibited by Section 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. Rule Changes. The Permittee agrees to comply with changes in Florida Department of Environmental Protection rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or DEP rules.
11. Permit Transfer. This permit is transferable only upon PPRAQD approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The Permittee shall be liable for any non-compliance of the permitted activity until the transfer approved by the PPRAQD.
12. Work Site Copy. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. Miscellaneous Compliance Requirements. The Permittee shall comply with the following:
    (a) Upon request, the Permittee shall furnish all records and plans required under DEP rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the PPRAQD.
    (b) The Permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recording for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by PPRAQD rule.
    (c) Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The dates analyses were performed.
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.
14. Information Submittal. When requested by the PPRAQD, the Permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the Permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the PPRAQD, such facts or information shall be corrected promptly.
15. Reporting Noncompliance. The Permittee shall report any periods of noncompliance to the PPRAQD immediately by phone 954-519-1499 or by Email EPDHOTLINE@broward.org. This also applies when the period of non-compliance is first determined after normal business hours or on weekends and holidays.
16. Rules Adoption. Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, as amended, are adopted by Broward County Code, Sec. 27-173.