

217/782-2113

ARENEWAL@
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Plains Marketing, L.P.
Attn: Kevin Brown
Route 1, Box 596
Cushing, Oklahoma 74023

Application No.: 73032583

I.D. No.: 159806AAC

Applicant's Designation:

Date Received: April 17, 2000

Subject: Noble Crude Oil Tank Farm

Date Issued: November 13, 2000

Expiration Date: November 13, 2005

Location: Route 250 E., Noble

Permit is hereby granted to the above-designated permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of storage tanks (five (5) 400 bbl fixed roof tanks, two (2) 10,000 bbl internal floating roof tanks, one (1) 10,000 bbl fixed roof tank, and one (1) 55,000 bbl internal floating roof tank pursuant to the above referenced application. This Permit is subject to standard conditions attached hereto and the following special conditions:

- 1a. This federally enforceable state operating permit is issued to limit the emissions of volatile organic material (VOM) and hazardous air pollutants (HAP) from the terminal to less than major source thresholds (i.e., 100 tons/yr for VOM, 10 tons/yr for a single HAP and 25 tons/yr for combined HAPs), as further described in Attachment A. As a result, the source is excluded from requirements to obtain a Clean Air Act Permit Program permit.
 - b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
 - c. This permit supersedes the current operating permits issued for this location.
2. Emissions of volatile organic material, materials stored and throughput of equipment shall not exceed the following:

<u>Equipment</u>	<u>Crude Oil Throughput (Kbbl/Yr)</u>	<u>Vapor Pressure (psia 70°F)</u>	<u>VOM Emissions (Tons/Yr)</u>
5 - 400 bbl Tanks (each)	219	4.5	21.8 (all)
2 - 10 Kbbl Tanks (each)	1,095	4.5	3.23(all)

10 Kbb1 Tank 600002

730

4.5

50.6

<u>Equipment</u>	<u>Crude Oil Throughput (Kbbl/Yr)</u>	<u>Vapor Pressure (psia 70°F)</u>	<u>VOM Emissions (Tons/Yr)</u>
55 Kbbl Tank	1,095	4.5	10.68
9 Pumps, Seals, Connectors and Assoc. Equip.	3,139	4.5	<u>1.3</u>
		Total	87.6

These limits are based on maximum throughputs, vapor pressure, and Tanks 3.0. Compliance shall be determined from a running total of 12 months of data.

3. The Permittee shall notify the Illinois EPA of any change in the type of material stored that are different than those identified in the application.
4. At all times, the Permittee shall maintain and operate the tanks, in a manner consistent with good air pollution control practice for minimizing emissions.
5. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the nuisance.
- 6a. The Permittee shall comply with the control requirements of 35 Ill. Adm. Code 215.121(b) for all volatile organic liquid storage tanks (including Tank 600002).
- b. All tanks at the facility shall have submerged loading or no odor nuisance to show compliance with 35 Ill. Adm. Code 215.122(b)(c).
- c. Storage tanks 600001, 600002, 600003, and 600101 shall be operated in accordance with the requirements of 35 Ill. Adm. Code 215.123(b), including:
 - i. There are no visible holes, tears or other defects in the seal or any seal fabric or material of any floating roof;
 - ii. All openings of the floating roof decks, except stub drains, shall be equipped with covers, lids or seals such that:
 - A. The cover, lid or seal is in the closed position at all times except when petroleum liquid is transferred to or from the tank;

- B. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and
- C. Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

- iv. Routing inspections of floating roof seals are conducted through the roof hatches once every six months; and
 - v. A complete inspection of the cover and seal of any floating roof tank is made whenever the tank is emptied and degassed or whenever repairs are made as a result of any semi-annual inspection of roof damage or defect.
7. The Permittee shall maintain monthly records of the following items:
- a. Crude oil throughput for each tank (bbl/month and bbl/year).
 - b. VOM and HAP emission calculations for each tank.
8. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: throughput of each tank, vapor pressure and volatile organic material (VOM) emissions calculations from the prior calendar year.
9. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
10. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
11. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
12. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

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and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

If you have any questions regarding this permit, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:RBS:psj

cc: IEPA, FOS, Region 3
IEPA, CMU
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the crude oil tank farm operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is handling 3,139 Kbbbl of crude oil. The resulting maximum emissions are well below the levels, e.g., 100 tons per year of VOM, 25 tons per year of combined HAPs and 10 tons per year of single HAP at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

1. Emissions of volatile organic material, materials stored and throughput of equipment shall not exceed the following:

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		Total:	87.6

2. Emissions of hazardous air pollutants (HAP) from the tank farm shall not exceed 10 tons/year for any individual HAP, nor 25 tons/year for all HAPs combined.

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