

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT
NSPS SOURCE

PERMITTEE

Williams Pipeline Company - Heyworth
Attn: Health, Safety and Environment Dept.
P.O. Box 3448
Tulsa, Oklahoma 74101

Application No.: 96080089 I.D. No.: 113825AAG
Applicant's Designation: Date Received: July 27, 1998
Subject: Bulk Gasoline Terminal
Date Issued: March 1, 2000 Expiration Date: March 1, 2005
Location: R.R. #2, State Highway 51, Heyworth

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of nine (9) storage tanks (#149, 150, 208, 312, 696, 697, 848, 849, 850, 1215, and 1216) and truck loading rack controlled by a vapor recovery system pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source 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 a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
 - b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
 - c. This permit supersedes all operating permits issued for this location.
- 2a. This bulk gasoline terminal is subject to a New Source Performance Standard (NSPS) for both the truck loadout and the gasoline storage tanks. The truck loading rack and associated vapor control system are subject to 40 CFR 60, Subparts A and XX and the gasoline storage tanks are subject to 40 CFR 60, Subparts A and Ka. The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.
 - b. The organic material emissions from the truck/vapor recovery system shall not exceed 35 milligrams of total organic compounds per liter of gasoline loaded, pursuant to the New Source Performance Standard.

- c. The Permittee shall fulfill applicable notification and recordkeeping requirements of the NSPS, 40 CFR 60.505 for the truck loadout and 60.115a for the gasoline storage tanks. This includes recordkeeping of pressure-vacuum results from trucks that load at the terminal.
- 3. At all times, including periods of shakedown and testing, the Permittee shall, to the extent practicable, maintain and operate the bulk terminal, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.
- 4a. Gasoline and other material with a vapor pressure of 2.5 psia or greater shall only be loaded out through the truck loading racks, using submerged loading, and only with the vapor control system properly operating.
- b. Operation of the terminal shall not exceed the following limits:
 - i. Loadout of gasoline (at the truck loading rack):
55,000,000 gal/month and 332,000,000 gal/yr
 - ii. Loadout of other petroleum products (at the truck loading rack):
70,000,000 gal/month and 420,480,000 gal/yr
 - iii. Storage tanks throughput:
 - Gasoline: 156,000,000 gal/month and 938,196,000 gal/yr.
 - Other Petroleum Products: 156,000,000 gal/month and 938,196,000 gal/yr.
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 5. The Permittee shall keep records of the following items:
 - a. The throughput of gasoline and other products through the truck loading racks (gal/month and gal/yr).
 - b. Records of the throughput of each type of material stored (gal/month and gal/yr).
 - c. Total annual emissions of VOM and HAPs.

6. 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 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 Illinois EPA.
7. 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 Illinois EPA and 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 Agency request for records during the course of a source inspection.
8. 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 Illinois EPA's Compliance Unit 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.
9. 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)
1340 North Ninth Street
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to 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

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Please note that tanks 696 and 697 have been incorporated into this permit.

If you have any questions on this, please call Jim Cobb at 217/782-2113.

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

DES:JDC:jar

cc: Illinois EPA, FOS Region 3
Illinois EPA, Compliance Section
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the bulk gasoline terminal operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is handling 332,000,000 gallons of gasoline and 420,480,000 gallons of other petroleum products through the loading rack.

The resulting maximum emissions are well below the levels, e.g., 100 tons per year of VOM, 10 tons per year of a single HAP, and 25 tons per year of combined HAPs 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.

1a. Emissions of volatile organic material (VOM) from the terminal:

<u>Material</u>	<u>Throughput (Gal/Yr)</u>	<u>Activity</u>	<u>Emissions (Tons/Yr)</u>
Gasoline	332,000,000	Loading Rack	
Other Petroleum Products	420,480,000	Loading Rack	48.5*
Gasoline	938,196,000	Storage Tanks	
Other Petroleum Products	938,196,000	Storage Tanks	<u>41.4**</u>
		Total	89.9

* Based on AP-42 emission factors for loading operations.

** Emissions of VOM based on AP-42 equation for breathing and working losses from storage tanks.

b. Emissions of VOM from fugitive losses: 0.32 ton/yr

2. 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 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 Illinois EPA.

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