

**AIR EMISSION PERMIT NO. 01300017- 002  
IS ISSUED TO**

**Williams Pipeline Company**

**Williams Pipeline Company - Mankato Terminal**  
Junction Highway 169 & 68  
Mankato, Blue Earth County, Minnesota 56001

The emission units, control equipment and emission stacks at the stationary source authorized in this permit are as described in the following permit application(s):

**Permit Type**

Total Facility Operating Permit

**Application Date**

November 8, 1996

This permit authorizes the Permittee to operate the stationary source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

**Permit Type:** State ; Syn Min PSD/NSR

**Issue Date:** April 16, 1998

**Expiration:** Permit does not expire  
All Title I Conditions do not expire.

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Michael J. Sandusky  
Division Manager  
Air Quality Division

for Peder A. Larson  
Commissioner  
Minnesota Pollution Control Agency

MMM:yma

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**NOTICE TO THE PERMITTEE:**

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	(612)296-6300
Outside Metro Area	1-800-657-3864
TTY	(612)282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

**PERMIT SHIELD:**

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Any requirements which have been determined not to apply are listed in Table A of this permit.

The permit shield, however does not apply to: Minn. R. ch. 7030 (Noise Pollution Control).

**FACILITY DESCRIPTION:**

Williams Pipe Line Company owns and operates this bulk fuels storage and truck loading terminal in Mankato, Minnesota. The facility consists of a truck loading rack and petroleum product storage tanks. A flare will be used to control vapors from the truck loading rack. Currently, a soil vapor extraction system is also located on site.

The facility has proposed federally-enforceable permit conditions (specifically the use of a flare) to avoid major source classification under all federal air permitting programs (40 CFR § 70, 40 CFR § 63, and 40 CFR § 52.210).

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

**Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.**

**Subject Item:****Total Facility**

<b>What to do</b>	<b>Why to do it</b>
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B, and/or C.	Minn. R. ch. 7017
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Monitoring Equipment: Install or make needed repairs to monitoring equipment within 60 days of issuance of the permit if monitoring equipment is not installed and operational on the date the permit is issued.	Minn. R. 7007.0800, subp. 4(D)
Monitoring Equipment Calibration: Annually calibrate all required monitoring equipment (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Tables A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.	Minn. R. 7007.0800, subp. 4(D)
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Shutdowns: Notify the Commissioner at least 24 hours in advance of shutdown of any process or control equipment if the shutdown would cause an increase in the emission of air contaminants. At the time of notification, notify the Commissioner of the cause of the shutdown and the estimated duration. Notify the Commissioner again when the shutdown is over.	Minn. R. 7019.1000, subp. 1
Breakdowns: Notify the Commissioner immediately of a breakdown of more than one hour duration of any process or control equipment if the breakdown causes an increase in the emission of air contaminants, or as required by Minn. R. 7019.1000 as amended. At the time of notification or as soon thereafter as possible, the permittee shall also notify the Commissioner of the cause of the breakdown and the estimated duration. Notify the Commissioner again when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Oral Notification of Deviations Endangering Human Health or the Environment: Within 24 hours of discovery, orally notify the Commissioner of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7007.0800, subp. 6(A)
Discovery of Deviations Endangering Human Health or the Environment Report (written): within two working days after discovery of deviation, submit a written description of any deviation endangering human health or the environment to the Commissioner. Include the following information in this written description: cause of the deviation; exact dates of the period of the deviation; if the deviation has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7007.0800, subp. 6(A)
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not federally enforceable.	Minn. R. 7030.0010 - 7030.0080
Application for Permit Amendment: If you need a permit amendment, submit application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Extension Requests: The permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

Record keeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350, subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007.0800, subp. 5(B)
Record keeping: Retain all records at the stationary source for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C)
Inspections: Upon presentation of credentials and other documents as may be required by law, allow the Agency, or its representative, to enter the Permittee's premises, to have access to and copy any records required by this permit, to inspect at reasonable times (which include any time the source is operating) any facilities, equipment, practices or operations, and to sample or monitor any substances or parameters at any location.	Minn. R. 7007.0800, subp. 9(A)
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095
The Permittee shall comply with the general conditions.	Minn. R. 7007.0800, subp. 16

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

**Subject Item:** SV 001**Associated Items:** EU 001 Truck Loading Rack

What to do	Why to do it
Immediately before the performance test required by 40 CFR Sections 60.503 and 60.8, use Method 21 to monitor for leakage of vapor from all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. Repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.	40 CFR Section 60.503(b), Minn. R. 7011.1550
Performance Test: due 180 days after Initial Startup or within 60 days of reaching the maximum production rate at which the facility will be operated, whichever is sooner, to demonstrate compliance with the standards in 40 CFR section 60.502(b) and (h).	40 CFR Section 60.503 and 60.8, Minn. R. 7011.1550
Performance Test Pre-test Meeting: due 7 days before Performance Test for total organic compounds.	Minn. R. 7017.2030, subp. 4

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

**Subject Item:** EU 001 Truck Loading Rack**Associated Items:** CE 001 Flaring

SV 001

What to do	Why to do it
Total Organic Compounds: less than or equal to 35 milligrams/liter of gasoline loaded.	40 CFR Section 60.502(b), Minn. R. 7011.1550
<p>Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline trucks using the following procedures. The Permittee shall:</p> <ol style="list-style-type: none"> <li>1. Obtain the vapor tightness documentation described in Section 60.505(b) for each gasoline tank truck which is to be loaded at the facility.</li> <li>2. Require the tank identification number to be recorded as each gasoline tank truck is loaded at the facility.</li> <li>3. Cross-check each tank identification number with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.</li> <li>4. Notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the facility within 3 weeks after the loading has occurred.</li> <li>5. Take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the facility until vapor tightness documentation for that tank is obtained.</li> <li>6. Alternate procedures may be used upon application to, and approval by, the Administrator.</li> </ol>	40 CFR Section 60.502(e), Minn. R. 7011.1550
The Permittee shall act to assure that loadings of gasoline tank trucks at the facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.	40 CFR Section 60.502(f), Minn. R. 7011.1550
The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. This includes training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.	40 CFR Section 60.502(g), Minn. R. 7011.1550
A pressure measurement device capable of measuring up to 500 mm of water gauge pressure with +/- 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.	40 CFR Section 60.503(d)(1), Minn. R. 7011.1550
The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR Section 60.503(d).	40 CFR Section 60.502(h), Minn. R. 7011.1550
No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water.)	40 CFR Section 60.502(i), Minn. R. 7011.1550
Inspection: Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this requirement, detection methods incorporating sight, sound, or smell are acceptable.	40 CFR Section 60.502(j), Minn. R. 7011.1550
Recordkeeping and Repair: Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.	40 CFR Section 60.502(j), Minn. R. 7011.1550
The tank truck vapor tightness documentation shall be kept on file at the terminal in a permanent form available for inspection.	40 CFR Section 60.505(a), Minn. R. 7011.1550
The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27.	40 CFR Section 60.505(b), Minn. R. 7011.1550
<p>A record of each monthly leak inspection shall be kept on file at the terminal for at least 2 years and shall include, at a minimum:</p> <ol style="list-style-type: none"> <li>1. Date of inspection</li> <li>2. Findings (no leaks, or nature and severity of leaks)</li> <li>3. Leak determination method</li> <li>4. Corrective action (date each leak repaired, reasons for repair interval &gt;15 days)</li> <li>5. Inspector name and signature</li> </ol>	40 CFR Section 60.505(c), Minn. R. 7011.1550
The permittee shall keep documentation of all notifications required under Section 60.502(e)(4) on file at the terminal for at least 2 years.	40 CFR Section 60.505(d), Minn. R. 7011.1550
The Permittee shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.	40 CFR Section 60.505(f), Minn. R. 7011.1550
The existing loading rack will be shut down and its removal will start, when the new rack attains normal operation. Removal must be completed within six months of initial startup of the new rack.	Minn. R. 7007.0800, subp. 2

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato  
Permit Number: 01300017 - 002

Performance Test: due before end of each calendar 60 months following Permit Issuance in accordance with 40 CFR 60.503.	Minn. R. 7017.2020, subp. 1
Performance Test Pre-test Meeting: due 7 days before Performance Test	Minn. R. 7017.2030, subp. 4



**TABLE A: LIMITS AND OTHER REQUIREMENTS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

**Subject Item:** CE 001 Flaring**Associated Items:** EU 001 Truck Loading Rack

FS 001 Gasoline Service - Valves, Flanges, Pumps, Connectors

What to do	Why to do it
Flares shall be operated at all times when emissions may be vented to them.	Title I Condition: Limit to avoid classification as major source under 40 CFR Section 52.21; to avoid major source classification under 40 CFR Section 70.2; and to avoid major source classification under 40 CFR Section 63.2
Flares shall be operated with a flame present at all times. The presence of a flare pilot flame shall be monitored using an ultraviolet sensor or any other equivalent device to detect the presence of a flame.	Title I Condition: Monitoring of limit used to avoid major source classification under 40 CFR Section 52.21; 40 CFR Section 70.2; and 40 CFR Section 63.2

## TABLE B: SUBMITTALS

04/16/98

Facility Name: Williams Pipe Line Co - Mankato  
Permit Number: 01300017 - 002

Table B lists the submittals you must send to the Commissioner. Table B is divided into two sections, for source-specific submittal requirements and for submittals required of all permittees. Source-specific submittals are further organized as either one-time only or recurrent requirements. You may also be subject to additional reporting requirements contained in the compliance schedule located in Table C of this permit. All submittals must be postmarked or received by the date specified in the table, and certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Submittals which must be provided on standardized forms approved by the Commissioner are noted in Tables B and C.

Send any application for a permit or permit amendment to: Permit Information Coordinator, Permit Section, Air Quality Division, Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4914. Also send the Permit Information Coordinator notices of: accumulated insignificant activities, installation of control equipment, replacement of an emissions unit, and changes that contravene a permit term.

Send all other submittals to: Compliance Tracking Coordinator, Compliance Determination Unit, Air Quality Division, Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

**TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit	Total Facility
Notification of the Actual Date of Initial Startup	due 15 days after Initial Startup . Submit the name and number of each unit and the actual date of initial startup each unit.	Total Facility
Notification of the Anticipated Date of Initial Startup	due 30 days before Anticipated Date of Initial Startup . Submit the name and number of each unit and the anticipated date of initial startup each unit.	Total Facility
Notification of the Date Construction Began	due 30 days after Start Of Construction . Submit the name and number of each unit and the date construction of each unit began.	Total Facility
Notification of the date of Equipment Removal/Dismantlement	due 15 days after Equipment Removal and/or Dismantlement . Submit the name and number of each unit and the date the unit was removed and/or dismantled.	Total Facility
Performance Test Notification (written)	due 30 days before Performance Test	EU001
Performance Test Notification (written)	due 30 days before Performance Test for total organic compounds.	SV001
Performance Test Plan	due 30 days before Performance Test	EU001
Performance Test Plan	due 30 days before Performance Test for total organic compounds.	SV001
Performance Test Report - Microfiche Copy	due 105 days after Performance Test	EU001
Performance Test Report - Microfiche Copy	due 105 days after Performance Test for total organic compounds.	SV001
Performance Test Report	due 45 days after Performance Test	EU001
Performance Test Report	due 45 days after Performance Test for total organic compounds.	SV001

**TABLE B: RECURRENT SUBMITTALS**

04/16/98

Facility Name: Williams Pipe Line Co - Mankato

Permit Number: 01300017 - 002

What to send	When to send	Portion of Facility Affected
Semiannual Deviations Report	due 30 days after end of each calendar half-year following Permit Issuance semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31.	Total Facility
Compliance Certification	due 30 days after end of each calendar year following Permit Issuance (for the previous calendar year). To be submitted on a form approved by the Commissioner. The report covers all deviations experienced during the calendar year.	Total Facility
Emissions Inventory Report	due 91 days after end of each calendar year following Permit Issuance (April 1). To be submitted on a form approved by the Commissioner.	Total Facility

April 20, 1998

Ms. Terrie A. Blackburn  
Environmental Engineer  
Williams Pipeline Company  
P.O. Box 3448  
Tulsa, Oklahoma 74101

RE: **FINAL** Air Emission Permit No. 01300017-002

Dear Ms. Blackburn:

Enclosed you will find the FINAL version of the amended Air Emission Permit No. 01300017-002, for your facility located at Junction Highway 169 and 68, Mankato, Blue Earth County, Minnesota. The permit was amended through the administrative amendment process.

The permit was amended to require loading rack performance testing in accordance with 40 CFR pt. 60, subp. XX, every five years.

If you have questions about the FINAL permit, contact me at (612)296-7602. Your assistance is appreciated.

Sincerely,

Michael Mondloch  
Staff Engineer  
Permit Section  
Air Quality Division

MMM:yma

Enclosure

cc: Bonnie Nelson, Air Quality Division  
AQD File No. 1858C