

AIR EMISSION PERMIT NO. 14500016-005

IS ISSUED TO

NuStar Energy LP

NUSTAR - SAUK CENTRE PRODUCTS TERMINAL

1833 Beltline Road

Sauk Centre, Stearns County, MN 56378

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	Application Date
Total Facility Operating Permit	06/15/1996 issued 04/04/02
Minor Amendment	Issued 07/12/2002
Administrative Amendment	12/27/02 issued 04/09/03
Administrative Amendment	09/13/05 issued 10/27/05
Administrative Amendment	06/13/07 and 08/08/08 see below

This permit supersedes permit number 14500016-004 and 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 are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Permit Type: Federal; Pt 70/Major for NSR

Issue Date: 04/04/2002

Expiration: 04/04/2007*

Administrative Amendment

Issue Date: September 23, 2008

All Title I Conditions do not expire.

* The Permittee can continue to operate this facility after the expiration date of this permit per the provision under Minn. R. 7007.0450, subp. 3. (KPLOP's (NuStar's) Pt. 70 reissuance app received 10/6/06 as timely).

Don Smith, PE Manager
Air Quality Permits Section
Industrial Division

for Brad Moore
Commissioner
Minnesota Pollution Control Agency

TDD (for hearing and speech impaired only): (651) 282-5332

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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	651-296-6300
Outside Metro Area	1-800-657-3864
TTY	651-282-5332

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. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

FACILITY DESCRIPTION:

The Permittee owns and operates a bulk terminal for petroleum products, primarily unleaded gasoline, No. 1 and No. 2 fuel oils, diesel fuels and ethanol. The facility consists of product storage tanks and a truck-loading rack. The terminal receives petroleum products through a pipeline distribution network. Products are shipped out by tank truck to retailers and bulk stations. Product transfer from refineries is continuous. Volatile organic compound (VOC) emissions result primarily from loading trucks. Some VOC emissions also are emitted from storage tank losses. Allowable VOC emissions are above major source threshold amounts for New Source Review. Hazardous Air Pollutant (HAP) emissions are below major source thresholds. Gasoline throughput will be limited to 132,000,000 gallons per year.

Permit Action 002 (Minor Amendment)

The requirements were removed from TK006 as they did not apply. This tank was subject to NSPS subp. K, not subp. Kb, therefore the subp. Kb requirements were deleted from this permit. As the only fuels, which were stored in the tank were diesel fuels, the tanks were exempted from the requirements of subp. K as well in accordance with 40 CFR Section 60.113(d). Also, diesel fuels were excluded from the definition of petroleum liquids per 40 CFR Section 60.111(b).

Permit Action 003 (Administrative Amendment)

This permit action reflected an ownership change.

Permit Action 004 (Administrative Amendment)

In this permit action the facility changed their name from Kaneb Pipe Line Operating Partnership LP to Valero LP.

Permit Action 005 (Administrative Amendment)

This permit action changes the name of the parent company to NuStar Energy L.P. (formerly Valero L.P.). The facility name is being changed to NuStar - Sauk Centre Products Terminal (formerly Kaneb Pipeline Operating Partnership - Sauk Centre Products Terminal). New permit language for emission units, tanks, and fugitive sources subject to NESHAP Subpart BBBBBB was added to the permit.

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-1**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

Permit Number: 14500016 - 005

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**

What to do	Why to do it
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O & M plan shall identify all air pollution control equipment and shall include a preventative maintenance program for that equipment, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment, and the records kept to demonstrate plan implementation.	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
Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as specified by Minn. R. 7017.2025 following formal review of a subsequent performance test on the same unit.	Minn. R. 7017.2025
Performance Test Notifications and Submittals: Performance Tests are due as outlined in Tables A and B of the permit. See Table B for additional testing requirements. Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test	Minn. R. 7017.2030, subp. 1-4 and Minn. R. 7017.2035, subp. 1-2
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
Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3. At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.	Minn. R. 7019.1000, subp. 3
Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.	Minn. R. 7019.1000, subp. 2

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-2**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

Permit Number: 14500016 - 005

Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7019.1000, subp. 1
Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7019.1000, subp. 1
Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
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)
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
Application for Permit Amendment: If a permit amendment is needed, submit an 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)
Recordkeeping: 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 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)
When the Permittee determines that no permit amendment or notification is required prior to making a change, the Permittee must retain records of all calculations required under Minn. R. 7007.1200. For expiring permits, these records shall be kept for a period of five years from the date the change was made or until permit reissuance, whichever is longer. For nonexpiring permits, these records shall be kept for a period of five years from the date that the change was made. The records shall be kept at the stationary source for the current calendar year of operation and may be kept at the stationary source or office of the stationary source for all other years. The records may be maintained in either electronic or paper format.	Minn. R. 7007.1200, subp. 4
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 enforceable by the EPA Administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
Inspections: The Permittee shall comply with the inspection procedures and requirements as found in Minn. R. 7007.0800, subp. 9(A).	Minn. R. 7007.0800, subp. 9(A)
Emission Inventory Report: due April 1 after end of each calendar year following permit issuance. To be submitted on a form approved by the Commissioner.	Minn. R. 7019.3000 through Minn. R. 7019.3010
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-3**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

Permit Number: 14500016 - 005

Subject Item: GP 001 Equipment Subject to 40 CFR pt. 63, subp. BBBBBB**Associated Items:** EU 001 Truck Loading Rack

FS 001 Valves, Flanges, Seals

TK 001 Tank 1 - Gasoline

TK 003 Tank 3 - ULR

TK 004 Tank 5 - LS Furnace Oil

TK 005 Tank 6 - Premier Diesel

What to do	Why to do it
REQUIREMENTS	hdr
If the facility is an existing affected source, the Permittee must comply with the standards in this subpart no later than January 10, 2011.	40 CFR Section 63.11083(b)
If the Permittee owns or operates a gasoline storage tank with a capacity of greater than or equal to 75 cubic meters, then they must: (1) Equip each internal floating roof gasoline storage tank according to the requirements in Section 60.112b(a)(1) of this chapter, except for the secondary seal requirements under Section 60.112b(a)(1)(ii)(B) and the requirements in Section 60.112b(a)(1)(iv) through (ix) of this chapter; and (2) Equip each external floating roof gasoline storage tank according to the requirements in Section 60.112b(a)(2) of this chapter, except that the requirements of Section 60.112b(a)(2)(ii) of this chapter shall only be required if such storage tank does not currently meet the requirements of Section 60.112b(a)(2)(i) of this chapter.	40 CFR Sections 63.11087(a) and 40 CFR 60.112(b)
The Permittee must comply with the requirements of this subpart by the applicable dates specified in Section 63.11083, except that storage vessels equipped with floating roofs and not meeting the requirements of paragraph (a) of this section must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.	40 CFR Section 63.11087(b)
If the Permittee owns or operates a gasoline loading rack(s) at a bulk gasoline terminal with gasoline throughput of 250,000 gal/day or greater the Permittee must: (a) Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading; and (b) Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and (c) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack; and (d) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in Section 60.502(e) through (j) of this chapter. For the purposes of this section, the term "tank truck" as used in Section 60.502(e) through (j) of this chapter means "cargo tank" as defined in Section 63.11100.	40 CFR Section 63.11088(a)
This facility meets the definition of a bulk gasoline terminal, a gasoline storage and distribution facility that receives gasoline by pipeline, ship or barge, or cargo tank and has a gasoline throughput of 20,000 gallons per day or greater. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal, State, or local law and discoverable by the Administrator and any other person, as defined at 40 CFR Section 63.11100. The Permittee shall comply with the following standards in 40 CFR pt. 63, subp. BBBBBB no later than January 10, 2011.	40 CFR Sections 63.11089(e) and 63.11083(b)
Monthly Leak Inspections: The Permittee shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR Section 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. 40 CFR Section 63.11100 defines in gasoline service as a piece of equipment used in a system that transfers gasoline or gasoline vapors.	40 CFR Sections 63.11089(a) and 63.11100
Leak Inspection Recordkeeping: A log book shall be used and shall be signed by the Permittee at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.	40 CFR Section 63.11089(b)
Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in the requirement listed below (referring to 40 CFR Section 63.11089(d)).	40 CFR Section 63.11089(c)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-4**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

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Delay of Equipment Leak Repair: Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The Permittee shall provide in the semiannual Excess Emissions Report specified in 40 CFR Section 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.	40 CFR Section 63.11089(d)
TESTING AND MONITORING	hdr
<p>The Permittee shall conduct a performance test on the vapor processing and collection systems according to either:</p> <p>(i) The test methods and procedures in Section 60.503 of this chapter, except a reading of 500 parts per million shall be used to determine the level of leaks to be repaired under Section 60.503(b) of this chapter, or,</p> <p>(ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in Section 63.7(f).</p> <p>(2) If you are operating your gasoline loading rack in compliance with an enforceable State, local, or tribal rule or permit that requires your loading rack to meet an emission limit of 80 milligrams (mg), or less, per liter of gasoline loaded (mg/l), you may submit a statement by a responsible official of your facility certifying the compliance status of your loading rack in lieu of the test required under paragraph (a)(1) of this section.</p>	40 CFR Section 63.11092(a)
(3) If the Permittee has conducted performance testing on the vapor processing and collection systems within 5 years prior to January 10, 2008, and the test is for the affected facility and is representative of current or anticipated operating processes and conditions, you may submit the results of such testing in lieu of the test required under paragraph (a)(1) of this section, provided the testing was conducted using the test methods and procedures in Section 60.503 of this chapter. Should the Administrator deem the prior test data unacceptable, the facility is still required to meet the requirement to conduct an initial performance test within 180 days of the compliance date specified in Section 63.11083; thus, previous test reports should be submitted as soon as possible after January 10, 2008.	40 CFR Section 63.11092(a) (continued)
(4) The performance test requirements of Section 63.11092(a) do not apply to flares defined in Section 63.11100 and meeting the flare requirements in Section 63.11(b). The owner or operator shall demonstrate that the flare and associated vapor collection system is in compliance with the requirements in Section 63.11(b) and 40 CFR 60.503(a), (b), and (d).	40 CFR Section 63.11092(a) (continued)
For each performance test conducted under paragraph (a)(1) of this section, the Permittee shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in paragraphs (b)(1) through (5) of this section.	40 CFR Section 63.11092(b)
For performance tests performed after the initial test, the Permittee shall document the reasons for any change in the operating parameter value since the previous performance test.	40 CFR Section 63.11092(c)
<p>The Permittee shall:</p> <p>(1) Operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in paragraph (b)(1) of this section.</p> <p>(2) In cases where an alternative parameter pursuant to paragraph (b)(1)(iv) or paragraph (b)(5)(i) of this section is approved, each owner or operator shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value.</p> <p>(3) Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as appropriate, shall constitute a violation of the emission standard in Section 63.11088(a), except as specified in paragraph (d)(4) of this section.</p>	40 CFR Section 63.11092(d)
<p>(4) For the monitoring and inspection, as required under paragraphs (b)(1)(i)(B)(2) and (b)(1)(iii)(B) 2) of this section, malfunctions that are discovered shall not constitute a violation of the emission standard in Section 63.11088(a) if corrective actions as described in the monitoring and inspection plan are followed. The Permittee must:</p> <p>(i) Initiate corrective action to determine the cause of the problem within 1 hour;</p> <p>(ii) Initiate corrective action to fix the problem within 24 hours;</p> <p>(iii) Complete all corrective actions needed to fix the problem as soon as practicable consistent with good air pollution control practices for minimizing emissions;</p> <p>(iv) Minimize periods of start-up, shutdown, or malfunction; and</p> <p>(v) Take any necessary corrective actions to restore normal operation and prevent the recurrence of the cause of the problem.</p>	40 CFR Section 63.11092(d) (continued)
If your gasoline storage tank is equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of Section 63.113(b)(a).	40 CFR Sections 63.11092(d) and 63.113(b)(a)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-5**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

Permit Number: 14500016 - 005

NOTIFICATIONS	hdr
Each owner or operator of an affected bulk gasoline terminal under this subpart must submit a Notification of Performance Test, as specified in Section 63.9(e), prior to initiating testing required by Section 63.11092(a) or Section 63.11092(b).	40 CFR Section 63.11093(c) and (d)
Each owner or operator of any affected source under this subpart must submit additional notifications specified in Section 63.9, as applicable.	
RECORDKEEPING	hdr
The Permittee shall keep records as specified in Section 60.115b of this chapter if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to this subpart, except records shall be kept for at least 5 years.	40 CFR Section 63.11094(a)
The Permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as specified below: (1) Annual certification testing performed under 40 CFR Section 63.11092(f)(1) and periodic railcar bubble leak testing performed under 40 CFR Section 63.11092(f)(2).	40 CFR Section 63.11094(b)
(2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information: (i) Name of test: Annual Certification Test Method 27 or Periodic Railcar Bubble Leak Test Procedure. (ii) Cargo tank owner's name and address. (iii) Cargo tank identification number. (iv) Test location and date. (v) Tester name and signature. (vi) Witnessing inspector, if any: Name, signature, and affiliation. (vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing. (viii) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition. (3) If you are complying with the alternative requirements in Section 63.11088(b), you must keep records documenting that you have verified the vapor tightness testing according to the requirements of the Administrator	40 CFR Section 63.11094(b) (continued)
The Permittee shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. If the Permittee elects to implement an instrument program under 40 CFR Section 63.11089, the record shall contain a full description of the program.	40 CFR Section 63.11094(d)
The Permittee shall record in the log book for each leak that is detected the information specified below: (1) The equipment type and identification number. (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell). (3) The date the leak was detected and the date of each attempt to repair the leak. (4) Repair methods applied in each attempt to repair the leak. (5) Repair delayed and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak. (6) The expected date of successful repair of the leak if the leak is not repaired within 15 days. (7) The date of successful repair of the leak.	40 CFR Section 63.11094(e)
The Permittee shall: (1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under Section 63.11092(b) or 63.11092(e). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record. (2) Record and report simultaneously with the Notification of Compliance Status required under Section 63.11093(b): (i) All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under Section 63.11092(b) or 63.11092(e); and (ii) The following information when using a flare under provisions of Section 63.11(b) to comply with Section 63.11087(a): (A) Flare design (i.e., steam-assisted, air-assisted, or non-assisted); and	40 CFR Section 63.11094(f)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-6**

09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

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<p>(B) All visible emissions (VE) readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under Section 63.11092(e)(3).</p> <p>(3) Keep an up-to-date, readily accessible copy of the monitoring and inspection plan required under Section 63.11092(b)(1)(i)(B)(2) or Section 63.11092(b)(1)(iii)(B)(2).</p> <p>(4) Keep an up-to-date, readily accessible record of all system malfunctions, as specified in 63.11092(b)(1)(i)(B)(2)(v) or Section 63.11092(b)(1)(iii)(B)(2)(v).</p> <p>(5) If the Permittee requests approval to use a vapor processing system or monitor an operating parameter other than those specified in Section 63.11092(b), the Permittee shall submit a description of planned reporting and recordkeeping procedures.</p>	40 CFR Section 63.11094(f) (continued)
REPORTING	hdr
<p>The Permittee shall include in a semiannual compliance report to the Administrator the following information, as applicable:</p> <p>(1) For storage vessels, if you are complying with option 2(b) in Table 1 to this subpart, the information specified in Section 60.115b(a), Section 60.115b(b), or Section 60.115b(c) of this chapter, depending upon the control equipment installed.</p> <p>(2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.</p> <p>(3) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.</p>	40 CFR Section 63.11095(a)
<p>The Permittee shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report:</p> <p>(1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the Permittee failed to take steps to assure that such cargo tank would not be relocated at the facility before vapor tightness documentation for that cargo tank was obtained.</p> <p>(2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with Section 63.11094(b).</p>	40 CFR Section 63.11095(b)
<p>(3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under section 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.</p> <p>(4) Each instance in which malfunctions discovered during the monitoring and inspections required under Section 63.11092(b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.</p>	40 CFR Section 63.11095(b) (continued)
<p>(5) Content of Excess Emission Report (EER): For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection, the EER shall include:</p> <p>(i) The date on which the leak was detected;</p> <p>(ii) The date of each attempt to repair the leak;</p> <p>(iii) The reasons for the delay of repair; and</p> <p>(iv) The date of successful repair.</p>	40 CFR Section 63.11095(b) (continued)
<p>The Permittee shall submit a semiannual excess emissions report (EER) with the Semiannual Deviations Report listed in Table B of this permit, only for a 6-month period during which an excess emission event (as described at 40 CFR Section 63.11095(a)(3) and (b)(5)) has occurred. If no excess emission events have occurred during the previous 6-month period, no EER is required.</p> <p>For the purposes of this facility, an excess emission event is each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection.</p>	40 CFR Section 63.11095(b)(5), and (c)
OTHER REQUIREMENTS	hdr
Table 3 of 40 CFR pt. 63, subp. BBBB shows which parts of the General Provisions are applicable.	40 CFR Section 63.11098

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Subject Item: EU 001 Truck Loading Rack

Associated Items: GP 001 Equipment Subject to 40 CFR pt. 63, subp. BBBB
SV 001 Truck Loading Rack

What to do	Why to do it
Process Throughput: less than or equal to 1.32E+8 gallons/year using 12-month Rolling Sum to be determined by the 15th day of each month for the previous 12-month period.	Title I Condition: Limit taken to avoid major source classification under 40 CFR Section 63.2
Daily Recordkeeping: Maintain records of gallons of gasoline purchased daily.	Title I Condition: Monitoring of limit taken to avoid major source classification under 40 CFR Section 63.2

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Subject Item: TK 009 Tank 51- Ethanol

What to do	Why to do it
Recordkeeping: Maintain records showing the dimensions of the tank and an analysis showing the tank capacity. These records shall be maintained for the life of the source.	40 CFR Section 60.116b(b); Minn. R. 7011.1520(C)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Subject Item: TK 011 Tank 52 - Ethanol

What to do	Why to do it
Recordkeeping: Maintain records showing the dimensions of the tank and an analysis showing the tank capacity. These records shall be maintained for the life of the source.	40 CFR Section 60.116b(b); Minn. R. 7011.1520(C)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Subject Item: TK 012 Tank 53 - Ethanol

What to do	Why to do it
Recordkeeping: Maintain records showing the dimensions of the tank and an analysis showing the tank capacity. These records shall be maintained for the life of the source.	40 CFR Section 60.116b(b); Minn. R. 7011.1520(C)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Subject Item: TK 013 Tank 54 - Ethanol

What to do	Why to do it
Recordkeeping: Maintain records showing the dimensions of the tank and an analysis showing the tank capacity. These records shall be maintained for the life of the source.	40 CFR Section 60.116b(b); Minn. R. 7011.1520(C)

TABLE B: SUBMITTALS

B-1 09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

Also, where required by an applicable rule or permit condition, send to the Permit Technical Advisor notices of:

- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Mr. George Czerniak
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Send any application for a permit or permit amendment to:

AQ Permit Technical Advisor
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

Unless another person is identified in the applicable Table, send all other submittals to:

AQ Compliance Tracking Coordinator
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

Facility Name: KPLOP- Sauk Centre Products Terminal
Permit Number: 14500016 - 005

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit	Total Facility

TABLE B: RECURRENT SUBMITTALS**B-3** 09/23/08

Facility Name: KPLOP- Sauk Centre Products Terminal

Permit Number: 14500016 - 005

What to send	When to send	Portion of Facility Affected
Semiannual Deviations Report	due 30 days after end of each calendar half-year starting 04/04/2002 . The first 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. If no deviations have occurred, the Permittee shall submit the report stating no deviations.	Total Facility
Compliance Certification	due 30 days after end of each calendar year starting 04/04/2002 (for the previous calendar year). To be submitted on a form approved by the Commissioner, both to the Commissioner and to the US EPA regional office in Chicago. This report covers all deviations experienced during the calendar year.	Total Facility

APPENDIX MATERIAL

Facility Name: NuStar - Sauk Centre Products Terminal
Permit Number: 14500016-005

APPENDIX I

Insignificant Activities and General Applicable Requirements

The table below lists the insignificant activities that are currently at the facility and their associated general applicable requirements.

Minn. R. 7007.1300, subp.	Rule Description of the Activity	General Applicable Requirement
4(B)	Potential emissions of 2.28 pounds per hour or actual emissions of one ton per year for particulate matter, particulate matter less than ten microns, nitrogen oxide, sulfur dioxide, and VOCs. <i>The facility has several tanks at the facility which are considered insignificant sources. The combined PTE of these tanks is less than 2 tpy of VOCs.</i>	Minn. R. 7011.2300

Under Minn. R. 7007.1250, subp. 1(A), the Permittee may add insignificant activities to the stationary source throughout the term of the permit without getting permit amendments. Certain exclusions apply and are listed in Minn. R. 7007.1250, subp. 2. In addition, this permit specifically prohibits the Permittee from making any modifications that would make the source major under NSR. The following table is a listing of the insignificant activities that the Permittee is somewhat likely to add and their associated applicable requirements.

Minn. R. 7007.1300, subp.	Rule Description of the Activity	General Applicable Requirement
3(A)	Fuel use: space heaters fueled by, kerosene, natural gas, or propane.	Minn. R. 7011.0510/0515

Minn. R. 7007.1300 , subp.	Rule Description of the Activity	General Applicable Requirement
3(H)	Miscellaneous:	
	1. total usage of less than 200 gallons of VOC (including hazardous air pollutant-containing VOC) combined in any consecutive 12 months period at a stationary source;	Minn. R. 7011.0710/0715 OR Minn. R. 7011.0105/0110
	3. equipment used for hydraulic or hydrostatic testing;	Minn. R. 7011.0710/0715
	4. brazing, soldering or welding equipment;	Minn. R. 7011.0510/.0515, Minn. R. 7011.0610 and Minn. R. 7011.0710/0715 (PM and opacity)
	5. blueprint copiers and photographic processes;	Minn. R. 7011.0105/0110 (opacity)
	8. cleaning operations: alkaline/phosphate cleaners and associated cleaners and associated burners.	Minn. R. 7011.0510/.0515, Minn. R. 7011.0610 and Minn. R. 7011.0710/0715 (PM and opacity)
3(J)	Fugitive Emissions from roads and parking lots.	Minn. R. 7011.0150 (PM)
3(K)	Infrequent use of spray paint equipment for routine housekeeping or plant upkeep activities not associated with primary production processes at the stationary source, such as spray painting of buildings, machinery, vehicles, and other supporting equipment.	Minn. R. 7011.0710/0715 (VOC)

TECHNICAL SUPPORT DOCUMENT
For
AIR EMISSION PERMIT NO. 14500016-005

This technical support document is intended for all parties interested in the permit and to meet the requirements that have been set forth by the federal and state regulations (40 CFR § 70.7(a)(5) and Minn. R. 7007.0850, subp.1). The purpose of this document is to provide the legal and factual justification for each applicable requirement or policy decision considered in the determination to issue the permit.

1. General Information

1.1. Applicant and Stationary Source Location:

Applicant/Address	Stationary Source/Address (SIC Code: 4613, 4789)
NuStar Energy L.P. 7340 West 21 st Street North, Suite 200 Wichita, KS 67205	NuStar Sauk Centre Terminal 1833 Beltline Rd Sauk Centre Stearns County
Contact: Suzanna McMillan Phone: 316-773-9000	

1.2. Description of the Facility

The Permittee owns and operates a bulk terminal for petroleum products, primarily unleaded gasoline, No. 1 and No. 2 fuel oils, diesel fuels and ethanol. The facility consists of product storage tanks and a truck-loading rack. The terminal receives petroleum products through a pipeline distribution network. Products are shipped out by tank truck to retailers and bulk stations. Product transfer from refineries is continuous. Volatile organic compound (VOC) emissions result primarily from loading trucks. Some VOC emissions also are emitted from storage tank losses. Allowable VOC emissions are above major source threshold amounts for New Source Review. Hazardous Air Pollutant (HAP) emissions are below major source thresholds. Gasoline throughput will be limited to 132,000,000 gallons per year.

1.3 Description of the Activities Allowed by this Permit Action

An administrative amendment application was received June 13, 2007 in accordance with Minn. R. 7007.1400, subp. 1(E) that requested a change in name of the parent company of Kaneb Pipe Line Operating Partnership, L.P. This name change occurred on April 1, 2007. The new name of the parent company is NuStar Energy L.P. (formerly known as Valero L.P.). In the application, the permittee inadvertently checked box "B" for a change in facility name as per Minn. R. 7007.1400 subp.1(B) when instead they should have instead marked box "E" for an amendment reflecting a change in ownership or operational control of a stationary source.

Another administrative amendment was received August 8, 2008 in accordance with Minn. R. 7007.1400, subp 1(B) that requested a change in facility name. The facility name is changing to NuStar Sauk Centre Terminal (formerly Kaneb Pipe Line Operating Partnership Sauk Centre Products Terminal). This change was made March 31, 2008.

This permittee also submitted initial notification that they are subject to 40 CFR pt. 63, subp. BBBB on May 9, 2008. A new group was added to the facility description and all applicable tanks, emission units and fugitive sources were included in this new group. The appropriate language for the NESHAP subpart was added to the permit.

The new recordkeeping requirement per Minn. R. 7007.1200, subp. 4 was added to the permit.

1.4 Changes to GP001 Equipment Subject to 40 CFR pt. 63, subp. BBBB in Table A

The following citations were added to Table A of the permit from comments made by the Permittee during their review of the draft permit.

Citation	Requirement
40 CFR Section 63.11083(b)	If the facility is an existing affected source, the Permittee must comply with the standards in this subpart no later than January 10, 2011.
40 CFR Section 63.11087(b)	The Permittee must comply with the requirements of this subpart by the applicable dates specified in Section 63.11083, except that storage vessels equipped with floating roofs and not meeting the requirements of paragraph (a) of this section must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

Also the word "Section" was added to citations where the word was missing in GP001.

2. Conclusion

Based on the information provided by NuStar Sauk Centre Terminal, the MPCA has reasonable assurance that the proposed operation of the emission facility, as described in the Air Emission Permit No. 14500016-005 and this technical support document, will not cause or contribute to a violation of applicable federal regulations and Minnesota Rules.

Staff Members on Permit Team: Tarik Hanafy (permit writer/engineer)
 Dave Crowell (enforcement)
 Jake Swaggert (peer reviewer)

AQ File No. 772D; DQ 1569, 2198

Attachments: 1. Facility Description and CD-01 Forms