

New York State Department of Environmental Conservation
Facility DEC ID: 9045400068



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-0454-00068/00001
Effective Date: 03/05/2001
Expiration Date: No expiration date

NORSE PIPELINE LLC

2500 TANGLEWILD - SUITE 250
HOUSTON, TX 77063

Contact: MICHAEL CZERNIAK
4477 GLEASON RD
LAKEWOOD, NY 14750
(716) 763-1553

Facility: LITTLE VALLEY COMPRESSOR STATIONS
ROUTE 353
LITTLE VALLEY, NY 14755

Description:

This natural gas compressor station is owned by Norse Pipeline, LLC of Houston, Texas and is operated by The Hanover Company of Lakewood, NY. The station was previously owned and operated by Columbia Gas Transmission Corp., who removed their equipment several years ago. This permit allows the facility to become an active compressor station again, by allowing the installation of a new compressor, natural gas engine, dehydration system and several above ground storage tanks.

This facility collects local production gas through an existing pipeline system in Chautauqua and Cattaraugus counties. The facility includes a suction filter separator for cleaning the incoming gas, a skid mounted compressor package for compressing gas, a discharge filter separator for further cleaning of the gas, a triethylene glycol system for drying the gas, and a meter run for measuring the gas.

The gas enters the compressor station at a rate of approximately 4 million actual cubic feet per day (mmcf) and at a pressure of approximately 30 to 50 psig. The gas is initially cleaned and the free water removed by the suction filter separator, then the gas enters the compressor package to be compressed to approximately 335 psig. After compression, the gas is further cleaned and any free liquids removed in the discharge filter separator. The gas then flows through the dehydration contactor where water vapor is removed to a water vapor content of less than 20 pounds per million cubic feet of gas. After dehydration, the gas is measured in the meter run, and then exits the facility to be delivered into a National Fuel supply gas pipeline for delivery to end users.

Emission unit 1-00001 consists entirely of process C01. Process C01 is defined as the whole gas compressing and dehydrating process occurring here. The 810 hp Caterpillar low emission engine fueled by natural gas, model 3512, is defined as emission source E01, and the catalytic converter is defined as



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emission source E02. All of the engine exhaust gases exit through emission point ENG01. The compressor is located on an existing concrete pad near the southwest corner of the yard in a building approximately 20' x 30'. The use of a catalytic converter on the engine exhaust gas was required along with the stack having a thirty seven feet above ground height to reduce the impact of formaldehyde emissions below the guidance concentrations found in the Departments Air Guide 1.

The skid mounted triethylene glycol dehydration system is defined as emission source D01 and exhausts through emission point DEHY1. The dehydration system is located in the north center part of the yard on existing concrete piers. The stack of this dehydration system was raised to thirty feet above the ground to reduce the impact of benzene emissions to a level below the guidance concentrations found in the Departments Air Guide 1. Auxiliary equipment includes two filter separators for cleaning the gas and one meter run for measuring the gas.

The potential to emit (PTE) for oxides of nitrogen (NOx) for this facility is 15.7 tons per year (tpy), and the PTE for total hazardous air pollutants (HAPs) is 2.2 tpy, with formaldehyde having the highest PTE at 0.8 tpy. Since the facility is not a major source due to HAPs, the National Emissions Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities, 40 CFR 63 Subpart HHH, does not apply. Since the NOx PTE is less than 50 tpy the Reasonably Available Control Technology (RACT) requirements for NOx control, 6 NYCRR 227-2, are not applicable.

The site also includes five above-ground diked tanks with rainguards. The tanks contain new lubrication oil, used oil, pipeline fluids, coolant and triethylene glycol. Since all tanks are less than 10,000 gallons, they are exempt from permitting under 6 NYCRR 201-3.2(c)(25) and are also exempt from 40 CFR 60 Subpart Kb. The largest tank is 1000 gallons.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

nit Administrator:

DAVID S DENK
DIVISION OF ENVIRONMENTAL PERMITS
270 MICHIGAN AVE
BUFFALO, NY 14203-2999

horized Signature:

_____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 9
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

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Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

****** Facility Level ******

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator

Region 9 Headquarters

Division of Environmental Permits

270 Michigan Avenue

Buffalo, NY 14203-2999

(716) 851-7165

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NORSE PIPELINE LLC
2500 TANGLEWILD - SUITE 250
HOUSTON, TX 77063

Facility: LITTLE VALLEY COMPRESSOR STATIONS
ROUTE 353
LITTLE VALLEY, NY 14755

Authorized Activity By Standard Industrial Classification Code:
1311 - CRUDE PETROLEUM & NATURAL

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LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

15 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites

4 6NYCRR 200.7: Maintenance of equipment

8 6NYCRR 201-1.7: Recycling and Salvage

9 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected

Contaminants to the Air

11 6NYCRR 201-3.2(a): Proof of Eligibility

12 6NYCRR 201-3.3(a): Proof of Eligibility

13 6NYCRR 202-1.1: Required emissions tests

14 6NYCRR 211.3: Visible emissions limited.

1 6NYCRR 200.1: Definitions Applicable To This Permit

2 6NYCRR 200.5: Sealing

3 6NYCRR 200.6: Acceptable ambient air quality

5 6NYCRR 201-1.2: Unpermitted Emission Sources

6 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations

7 6NYCRR 201-1.5: Emergency Defense

10 6NYCRR 201-1.10(a): Public Access to Recordkeeping

Emission Unit Level

EU=1-00001

16 6NYCRR 227-1.3(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

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18 6NYCRR 201-5: Permit Exclusion Provisions

19 6NYCRR 201-5: Emission Unit Definition

20 6NYCRR 201-5.3(b): Contaminant List

21 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

22 6NYCRR 201-5: Emission Point Definition By Emission Unit

23 6NYCRR 201-5: Process Definition By Emission Unit

EU=1-00001

24 6NYCRR 212.4(b): Compliance Demonstration

GAS

Permit Effective Date: 03/05/2001

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FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 15: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 15.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Maintenance of equipment

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 4.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Recycling and Salvage

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 8.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 9: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 9.1:

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Proof of Eligibility

Effective between the dates of 03/05/2001 and Permit Expiration Date



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Applicable Federal Requirement: 6NYCRR 201-3.2(a)

Item 11.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Proof of Eligibility

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-3.3(a)

Item 12.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Required emissions tests

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 13.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Visible emissions limited.

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

Item 14.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-

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minute period per hour of not more than 57 percent opacity.

**Condition 1: Definitions Applicable To This Permit
Effective between the dates of 03/05/2001 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 200.1

Item 1.1:

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.
3. "Department" refers to the New York State Department of Environmental Conservation.

**Condition 2: Sealing
Effective between the dates of 03/05/2001 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 200.5

Item 2.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 3: Acceptable ambient air quality
Effective between the dates of 03/05/2001 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 200.6

Item 3.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

Condition 5: Unpermitted Emission Sources
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 5.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 6: Unavoidable Noncompliance and Violations
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 6.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working



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hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

Condition 7: Emergency Defense
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 7.1:

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable

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requirement.

Condition 10: Public Access to Recordkeeping

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.10(a)

Item 10.1:

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

****** Emission Unit Level ******

Compliance Demonstration

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable Fe6NYCRR 227-1.3(a)

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00001

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in

Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 17:

General Provisions

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 17.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 17.2:

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

Item 17.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Condition 18: Permit Exclusion Provisions

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 18.1:

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supersede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements



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contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not

ssed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

Emission Unit Definition

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 19.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-00001

Emission Unit Description:

The emission unit includes a gas compressor unit and a triethylene glycol dehydrating unit. The compressor unit consists of a Caterpillar model 3512 LE, 810 hp at 1200 rpm, low emission natural gas industrial engine with a catalytic converter and a reciprocating compressor. In addition the triethylene glycol dehydration system has a

200,000 btu/hr burner.

Building(s): BUILDING#1
YARD

Condition 20: Contaminant List

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.3(b)

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

No contaminants.

ConditAir pollution prohibited

Effective between the dates of 03/05/2001 and Permit Expiration Date

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Applicable State R6NYCRR 211.2

Item 21.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

****** Emission Unit Level ******

Condition 22: Emission Point Definition By Emission Unit
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 22.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-00001

Emission Point: DEHY1
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4681.3 NYTME (km.): 189.65 Building: YARD

Emission Point: ENG01
Height (ft.): 37 Diameter (in.): 8
NYTMN (km.): 4681.3 NYTME (km.): 189.65 Building: BUILDING#1

Condition 23: Process Definition By Emission Unit
Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 23.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-00001

Process: C01

Source Classification Code: 3-10-002-25

Process Description:

The station compresses local natural gas production from the existing Norse pipeline system, from a pressure of approximately 50 psig, to a discharge pressure of approximately 335 psig. After compression, the gas is



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dried in a triethylene glycol dehydration system to a water vapor content of less than 20 pounds per million cubic feet (mmcf). After the gas is dried, it is measured in a meter run, and then exits the station into a National Fuel gas supply pipeline for delivery to end users.

Emission Source/Control: 00D01 - Combustion
Design Capacity: 200,000 British thermal units per hour

Emission Source/Control: 00E01 - Combustion
Design Capacity: 810 horsepower (mechanical)

Emission Source/Control: 00E02 - Control
Control Type: CATALYTIC OXIDATION

Compliance Demonstration

Effective between the dates of 03/05/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.4(b)

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00001

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) The low emission technology on the engine reduces emissions of oxides of nitrogen (NO_x), but increases the emissions of formaldehyde. Initial dispersion modeling showed formaldehyde emissions impacted the environment in concentrations higher than the acceptable levels in Air Guide 1. Air Guide 1 is a guidance document for the Control of Toxic Ambient Air Contaminants.
- 2) To reduce the formaldehyde emissions to an acceptable level the facility increased the height of the engine exhaust point and installed a catalytic converter. The stack will exhaust thirty seven feet above the ground. The converter will reduce formaldehyde emissions by 65%, and carbon monoxide by 80%.
- 3) The catalytic converter shall operate at all times. The manufactures recommended guidelines for monitoring,

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maintenance and operation shall be followed to ensure optimum performance of the catalytic converter.

4) Emission testing may be requested by the Department to evaluate the engines emissions, the efficiency of the catalytic converter, and the emission to the atmosphere. A request for testing shall be in writing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY