

DRAFT CAAPP PERMIT  
January 3, 2006

217/782-2113

"RENEWAL"  
CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

PERMITTEE:

Natural Gas Pipeline Company of America  
Attn: Lisa Carty, EHS Department  
370 Van Gordon Street  
Lakewood, Colorado 80228

I.D. No.: 041801AAB  
Application No.: 95120216

Date Received: December 31, 2003  
Date Issued: TBD  
Expiration Date<sup>1</sup>: TBD

Operation of: Natural Gas Pipeline - Station 203  
Source Location: Arcola, Douglas County, 61910  
Responsible Official: Joseph E. McLaughlin, Operations Director, North Region

This permit is hereby granted to the above-designated Permittee to OPERATE a natural gas transmission compressor station, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

If you have any questions concerning this permit, please contact John Cashman at 217/782-2113.

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

DES:JRC:psj

cc: Illinois EPA, FOS, Region 3  
CES  
Lotus Notes

<sup>1</sup> Except as provided in Conditions 1.5 and 8.7 of this permit.

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**1.0 INTRODUCTION**

1.1 Source Identification

Natural Gas Pipeline - Station 203  
Rural Arcola  
Arcola, Illinois 61910  
303/914-7819

I.D. No.: 041801AAB  
County: 95120216  
Standard Industrial Classification: 4922, Natural Gas Transmission

1.2 Owner/Parent Company

Natural Gas Pipeline Company of America  
370 Van Gordon Street  
Lakewood, Colorado 80228

1.3 Operator

Natural Gas Pipeline Company of America  
370 Van Gordon Street  
Lakewood, Colorado 80228

Technical Contact: Lisa Carty, EHS Department, 303/914-7575  
Operator Contact: Operation Manager, 618-829-3224

1.4 Source Description

The Natural Gas Pipeline Company of America - Station 203 is located in rural Arcola (take County Road south from Chesterville, go left at fork, right at first crossroad, ½ mile or right). The source utilizes compressors driven by natural gas fired engines for the transmission of natural gas through pipelines. The primary sources of pollutants at this source are the natural gas fired engines.

1.5 Title I Conditions

As generally identified below, this CAAPP permit contains certain conditions for emission units at this source that address the applicability of permitting programs for the construction and modification of sources, which programs were established pursuant to Title I of the Clean Air Act (CAA) and regulations thereunder. These programs include 40 CFR 52.21, Prevention of Significant Deterioration (PSD) and 35 IAC Part 203, Major Stationary Sources Construction and Modification (MSSCAM), and are implemented by the Illinois EPA pursuant to Sections 9, 9.1, 39(a) and 39.5(7)(a) of the Illinois Environmental Protection Act (Act). These conditions continue in effect, notwithstanding the expiration date specified on the first page of this permit, as their authority derives from Titles I and V of the CAA, as well as Titles II and X of the Act. (See also Condition 8.7.)

- a. This permit contains Title I conditions that reflect Title I requirements established in permits previously issued for this source, which conditions are specifically designated as "T1."

2.0 LIST OF ABBREVIATIONS AND ACRONYMS COMMONLY USED

|                   |  |
|-------------------|--|
| ACMA              | Alternative Compliance Market Account  |
| Act               | Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]   |
| AP-42             | Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711 |
| ATU               | Allotment Trading Unit   |
| BACT              | Best Available Control Technology  |
| BAT               | Best Available Technology  |
| CAA               | Clean Air Act [42 U.S.C. Section 7401 et seq.]   |
| CAAPP             | Clean Air Act Permit Program   |
| CAM               | Compliance Assurance Monitoring  |
| CEMS              | Continuous Emission Monitoring System  |
| CFR               | Code of Federal Regulations  |
| CO                | Carbon Monoxide  |
| ERMS              | Emissions Reduction Market System  |
| HAP               | Hazardous Air Pollutant  |
| IAC               | Illinois Administrative Code   |
| I.D. No.          | Identification Number of Source, assigned by Illinois EPA  |
| ILCS              | Illinois Compiled Statutes   |
| Illinois EPA      | Illinois Environmental Protection Agency   |
| LAER              | Lowest Achievable Emission Rate  |
| MACT              | Maximum Achievable Control Technology  |
| NESHAP            | National Emission Standards for Hazardous Air Pollutants   |
| NO <sub>x</sub>   | Nitrogen Oxides  |
| NSPS              | New Source Performance Standards   |
| PM                | Particulate Matter   |
| PM <sub>10</sub>  | Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods  |
| PM <sub>2.5</sub> | Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 microns as measured by applicable test or monitoring methods   |
| PSD               | Prevention of Significant Deterioration  |
| RMP               | Risk Management Plan   |
| SO <sub>2</sub>   | Sulfur Dioxide   |
| T1                | Title I - identifies Title I conditions that have been carried over from an existing permit  |
| T1N               | Title I New - identifies Title I conditions that are being established in this permit  |
| T1R               | Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit  |
| USEPA             | United States Environmental Protection Agency  |
| VOM               | Volatile Organic Material  |

### 3.0 CONDITIONS FOR INSIGNIFICANT ACTIVITIES

#### 3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

Station Boiler (1.5 mmBtu/hr natural gas fired)  
Ambitrol Storage Tank (4,200 gallon pressurized storage tank)  
Schafer Operations  
Floor Drain Sump  
Slugcatcher/Separator  
210 bbl Produced Water Storage Tank

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

Road Dust

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: (A) Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas; (B) Units with a rated heat input capacity of less than 1.0 mmBtu/hr that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas; and (C) Units with a rated heat input capacity of less than 200,000 Btu/hr which never burn refuse, or treated or chemically contaminated wood [35 IAC 201.210(a)(4)].

Equipment used for filling drums, pails, or other packaging containers, excluding aerosol cans, with soaps, detergents, surfactants, lubricating oils, waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a)(8)].

Storage tanks of organic liquids with a capacity of less than 10,000 gallons and an annual throughput of less than 100,000 gallons per year, provided the storage tank is not used for the storage of gasoline or any material listed as a HAP pursuant to Section 112(b) of the CAA [35 IAC 201.210(a)(10)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline

or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

Gas turbines and stationary reciprocating internal combustion engines of less than 112 kW (150 horsepower) power output [35 IAC 201.210(a)(15)].

Gas turbines and stationary reciprocating internal combustion engines of between 112 kW and 1,118 kW (150 and 1,500 horsepower) power output that are emergency or standby units [35 IAC 201.210(a)(16)].

Loading and unloading systems for railcars, tank trucks, or watercraft that handle only the following liquid materials, provided an organic solvent has not been mixed with such materials: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a)(18)].

- 3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b). Note: These activities are not required to be individually listed.

### 3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.3.2), the Permittee shall comply with the following requirements, as applicable:

- 3.2.1 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322 (see Attachment 2) and 35 IAC Part 266. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.
- 3.2.2 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, which requires that organic material emissions not exceed 8.0 pounds per hour or, if no odor nuisance exists, do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.
- 3.2.3 For each open burning activity, the Permittee shall comply with 35 IAC Part 237, including the requirement to obtain a permit for open burning in accordance with 35 IAC 237.201, if necessary.

3.2.4 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182.

3.2.5 For each storage tank that has a storage capacity greater than 946 liters (250 gallons) and, if no odor nuisance exists, that stores an organic material with a vapor pressure exceeding 2.5 psia at 70 °F, the Permittee shall comply with the applicable requirements of 35 IAC 215.122, which requires use of a permanent submerged loading pipe, submerged fill, or a vapor recovery system.

### 3.3 Addition of Insignificant Activities

3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.

3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

**4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE**

| Emission Unit | Description                           | Date Constructed | Emission Control Equipment |
|---------------|---------------------------------------|------------------|----------------------------|
| 01-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 02-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 03-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 04-ENG        | 1600 hp Worthington NG Fired Engine   | Prior to 1972    | None                       |
| DEHY2         | Glycol Dehydration Unit               | 7/01             | Smokeless Flare (FLARE1)   |
| MT-2          | 8814 gallon Methanol Storage Tank     | 10/85            | Submerged Loading Pipe     |
| GT-1          | 560 gallon Gasoline Storage Tank      | 7/92             | Submerged Loading Pipe     |

## 5.0 OVERALL SOURCE CONDITIONS

### 5.1 Applicability of Clean Air Act Permit Program (CAAPP)

5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of NO<sub>x</sub> emissions.

### 5.2 Area Designation

This permit is issued based on the source being located in an area that, as of the date of permit issuance, is designated attainment or unclassifiable for the National Ambient Air Quality Standards for all criteria pollutants (CO, lead, NO<sub>2</sub>, ozone, PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>).

### 5.3 Source-Wide Applicable Provisions and Regulations

5.3.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions for Specific Emission Units) of this permit.

5.3.2 In addition, emission units at this source are subject to the following regulations of general applicability:

- a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.
- b. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, except as allowed by 35 IAC 212.123(b) and 212.124.

#### 5.3.3 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

#### 5.3.4 Risk Management Plan (RMP)

Should this stationary source, as defined in 40 CFR 68.3, become subject to the federal regulations for Chemical Accident Prevention in 40 CFR Part 68, then the owner or operator shall submit the items below. This condition is imposed in this permit pursuant to 40 CFR 68.215(a)(2)(i) and (ii).

- a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or
- b. A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the RMP, as part of the annual compliance certification required by Condition 9.8.

#### 5.3.5 Future Emission Standards

Should this stationary source become subject to a new or revised regulation under 40 CFR Parts 60, 61, 62, or 63, or 35 IAC Subtitle B after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by Condition 9.8. This permit may also have to be revised or reopened to address such new or revised regulations (see Condition 9.12.2).

#### 5.3.6 Episode Action Plan

- a. Pursuant to 35 IAC 244.141, 244.142, and 244.143, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144 and is incorporated by reference into this permit.
- b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared by the Director of the Illinois EPA or his or her designated representative.
- c. If an operational change occurs at the source which invalidates the plan, a revised plan shall be submitted to the Illinois EPA for review within 30 days of the change, pursuant to 35 IAC 244.143(d). Such plans shall be further revised if disapproved by the Illinois EPA.

5.4 Source-Wide Non-Applicability of Regulations of Concern

Source-wide non-applicability of regulations of concern are not set for this source. However, there may be unit specific non-applicability of regulations of concern set forth in Section 7 of this permit.

5.5 Source-Wide Control Requirements and Work Practices

Source-wide control requirements and work practices are not set for this source. However, there may be requirements for unit specific control requirements and work practices set forth in Section 7 of this permit.

5.6 Source-Wide Production and Emission Limitations

5.6.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.6.1) are set for the purpose of establishing fees and are not federally enforceable (see Section 39.5(18) of the Act).

Permitted Emissions of Regulated Pollutants

| Pollutant                          | Tons/Year |
|------------------------------------|-----------|
| Volatile Organic Material (VOM)    | 14.83     |
| Sulfur Dioxide (SO <sub>2</sub> )  | 0.083     |
| Particulate Matter (PM)            | 5.18      |
| Nitrogen Oxides (NO <sub>x</sub> ) | 694.6     |
| HAP, not included in VOM or PM     |           |
| Total                              | 714.69    |

5.6.2 Emissions of Hazardous Air Pollutants

The emissions of HAPs from the source shall be less than 10 tons/year for each individual HAP and 25 tons/year for all HAPs combined. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total). This condition is being imposed so that the source is not a major source of HAP emissions. The Permittee shall fulfill the applicable testing, recordkeeping, and reporting requirements of Conditions 5.7.2, 5.9.2, and 5.10.2.

5.6.3 Other Source-Wide Production and Emission Limitations

Other source-wide emission limitations are not set for this source pursuant to the federal rules for Prevention of

Significant Deterioration (PSD), 40 CFR 52.21, state rules for Major Stationary Sources Construction and Modification, 35 IAC Part 203, or Section 502(b)(10) of the CAA. However, there may be unit specific emission limitations set forth in Section 7 of this permit pursuant to these rules.

## 5.7 Source-Wide Testing Requirements

5.7.1 Pursuant to 35 IAC 201.282 and Section 4(b) of the Act, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:

- a. **Testing by Owner or Operator:** The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests [35 IAC 201.282(a)].
- b. **Testing by the Illinois EPA:** The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary [35 IAC 201.282(b)].
- c. Any such tests are also subject to the Testing Procedures of Condition 8.5 set forth in the General Permit Conditions of Section 8.

### 5.7.2 HAP Testing to Verify Minor Source Status

Pursuant to Condition 5.7.1 and to verify compliance with the requirements of Condition 5.6.2, that is that this source is not a major source of HAPs, the following testing requirements are established:

- a. If in the previous calendar year, emissions of HAPs exceeded 80% of major source threshold for individual or total HAPs (greater than 8 tons of a single HAP or greater than 20 tons of total HAPs), then testing for HAPs using USEPA Method 311 shall be conducted as follows:

- i. Test the HAP emissions from the engines in Section 7.1
  - ii. Test the HAP emissions from the glycol dehydration unit in Section 7.2.
- b. The calculation as to whether the 80% of major source threshold was exceeded shall be based on records and procedures in Condition 5.9.2 and shall be completed by January 31 for the previous calendar year. If testing is required it shall be completed by March 15.
- c. Any such tests are also subject to the Testing Procedures of Condition 8.5 set forth in the General Permit Conditions of Section 8.

#### 5.8 Source-Wide Monitoring Requirements

Source-wide monitoring requirements are not set for this source. However, there may be provisions for unit specific monitoring set forth in Section 7 of this permit.

#### 5.9 Source-Wide Recordkeeping Requirements

##### 5.9.1 Annual Emission Records

The Permittee shall maintain records of total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions for Specific Emission Units) of this permit to demonstrate compliance with Condition 5.6.1, pursuant to Section 39.5(7) (b) of the Act.

##### 5.9.2 Records for HAP Emissions

- a. The Permittee shall maintain records of individual and combined HAP emissions on a monthly and annual basis for the emission units covered by Section 7 (Unit Specific Conditions for Specific Emission Units) of this permit to demonstrate compliance with Condition 5.6.2, pursuant to Section 39.5(7) (b) of the Act.
- b. If testing is required by Condition 5.7.2, the Permittee shall keep records of the testing, including the test date, conditions, methodologies, calculations, test results, and any discrepancies between the test results and formulation specifications of Condition 5.9.2(c) below.

##### 5.9.3 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to

the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.

- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.
- c. To meet the recordkeeping requirements of Condition 5.9.3(a) above, the Permittee shall keep all records and logs at NGPL's Station 311 (Hammond, Illinois) located 2 miles west of Hammond on US Highway 36 since this facility is an unmanned facility.

#### 5.10 Source-Wide Reporting Requirements

##### 5.10.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Air Compliance Unit, of deviations of the source with the permit requirements within 30 days, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken. There are also reporting requirements for unit specific emission units set forth in Section 7 of this permit.

##### 5.10.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information, including HAP emissions, for the previous calendar year.

#### 5.11 Source-Wide Operational Flexibility/Anticipated Operating Scenarios

Source-wide operational flexibility is not set for this source. However, there may be provisions for unit specific operational flexibility set forth in Section 7 of this permit.

#### 5.12 Source-Wide Compliance Procedures

##### 5.12.1 Procedures for Calculating Emissions

Except as provided in Condition 9.1.3, compliance with the source-wide emission limits specified in Condition 5.6 shall be addressed by the recordkeeping and reporting requirements of Conditions 5.9 and 5.10, and compliance procedures in Section 7 (Unit Specific Conditions for Specific Emission Units) of this permit.

## **6.0 CONDITIONS FOR EMISSIONS CONTROL PROGRAMS**

This section is reserved for emissions control programs. As of the date of issuance of this permit, there are no such programs applicable to this source.

## 7.0 UNIT SPECIFIC CONDITIONS FOR SPECIFIC EMISSION UNITS

### 7.1 Engines

#### 7.1.1 Description

The natural gas fired engines are used to provide power to compressor units that move natural gas through natural gas pipelines.

#### 7.1.2 List of Emission Units and Air Pollution Control Equipment

| Emission Unit | Description                           | Date Constructed | Emission Control Equipment |
|---------------|---------------------------------------|------------------|----------------------------|
| 01-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 02-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 03-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 04-ENG        | 1600 hp Worthington NG Fired Engine   | Prior to 1972    | None                       |

#### 7.1.3 Applicable Provisions and Regulations

- a. The "affected engines" for the purpose of these unit-specific conditions, are process emission units described in Conditions 7.1.1 and 7.1.2.
- b. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to exceed 2000 ppm [35 IAC 214.301].

#### 7.1.4 Non-Applicability of Regulations of Concern

- a. The affected engines are not subject to 40 CFR Part 63, Subpart ZZZZ, because the affected engines are not located at a source that is a major source of HAP emissions as limited by Condition 5.6.2.
- b. The affected engines are not subject to 35 IAC 212.321, because due to the unique nature of engines, such rules cannot reasonably be applied.
- c. The affected engines are not subject to 35 IAC 215.301, because the affected engines do not use photochemically reactive material.
- d. The affected engines are not subject to 35 IAC 216.121, because the affected engines are not by definition a fuel combustion unit.

- e. The affected engines are not subject to 35 IAC 217.141, because the affected engines are not by definition a fuel combustion unit.
- f. The affected engines are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected engines do not use an add-on control device to achieve compliance with an emission limitation or standard.

7.1.5 Control Requirements and Work Practices

- a. Natural gas shall be the only fuel fired in the affected engines.

7.1.6 Production and Emission Limitations

Production and emission limitations are not set for the affected engines. However, there are source-wide production and emission limitations set forth in Condition 5.6.

7.1.7 Testing Requirements

Testing requirements are not set for the affected engines. However, there are source-wide testing requirements in Condition 5.7 and general testing requirements in Condition 8.5.

7.1.8 Monitoring Requirements

Monitoring requirements are not set for the affected engines. However, there may be provisions for source-wide monitoring requirements set forth in Condition 5.8 of this permit.

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.9, the Permittee shall maintain records of the following items for the affected engines to demonstrate compliance with Conditions 5.6.1, 7.1.3(b), and 7.1.5(a), pursuant to Section 39.5(7)(b) of the Act:

- a. Type of fuel fired in the affected engines.
- b. Hp-hrs of the affected engines (hp-hrs/yr).
- c. Annual emissions of each pollutant from the affected engines with supporting calculations including documentation on the validity of the emission factors used (ton/yr).

7.1.10 Reporting Requirements

a. Reporting of Deviations

The Permittee shall promptly notify the Illinois EPA, Air Compliance Unit, of deviations of the affected engines with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- i. Emissions of SO<sub>2</sub> from the affected engines in excess of the limits specified in Condition 7.1.3(b) within 30 days of such occurrence.
- ii. Operation of the affected engines in excess of the limits specified in Condition 7.1.5(a) within 30 days of such occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

Operational flexibility is not set for the affected engines. However, there may be provisions for source-wide operational flexibility set forth in Condition 5.11 of this permit.

7.1.12 Compliance Procedures

- a. Compliance with Condition 7.1.3(b) is addressed by the requirements of Condition 7.1.5(a) and the records required in Condition 7.1.9(a).
- b. Compliance with the emission limit in Condition 5.6 is addressed by the records required in Condition 7.1.9.

## 7.2 Glycol Dehydration Unit

### 7.2.1 Description

The dehydration unit is used primarily to remove contaminants from the natural gas. The dehydration unit burns natural gas as the fuel.

### 7.2.2 List of Emission Units and Air Pollution Control Equipment

| Emission Unit | Description             | Date Constructed | Emission Control Equipment |
|---------------|-------------------------|------------------|----------------------------|
| DEHY2         | Glycol Dehydration Unit | 7/01             | Smokeless Flare (FLARE1)   |

### 7.2.3 Applicable Provisions and Regulations

- a. The "affected dehydration unit" for the purpose of these unit-specific conditions, is a process emission unit described in Conditions 7.2.1 and 7.2.2.
- b. The affected dehydration unit is subject to National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR 63 Subpart HHH: Natural Gas Transmission and Storage Facilities, but is exempt from the control requirements of 40 CFR 63.1274(c) because it complies with the exemption threshold in 40 CFR 63.1274(d) (2) which states that the actual average emissions of benzene from the glycol dehydration unit process vents to the atmosphere are less than 0.90 megagram per year as determined by the procedures specified in 40 CFR 63.1282(a) (2). The Permittee intends to comply with the exemption threshold in 40 CFR 63.1274(d) (2) with the dehydration unit process vent controlled by the flare.
- c. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to excess 2000 ppm [35 IAC 214.301].

### 7.2.4 Non-Applicability of Regulations of Concern

- a. The affected dehydration unit is not subject to 35 IAC 215.301 because the emissions are not photochemically reactive material as defined in 211.4690 and no odor nuisance exits.
- b. The affected dehydration unit is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected dehydration unit is subject to a NESHAP proposed after November 15, 1990, pursuant to 40 CFR 64.2(b) (1) (i).

7.2.5 Control Requirements and Work Practices

- a. Natural gas or process waste gas shall be the only fuel fired in the heater (reboiler) in the affected dehydration unit [T1].
- b.
  - i. The flare in the affected dehydration process shall comply with provisions of 40 CFR 63.11(b), Control Device Requirements, for unassisted flares [T1].
  - ii. At all times, the Permittee shall to the extent practicable, maintain and operate the new flare, in a manner consistent with good air pollution control practice for minimizing emissions [T1].

7.2.6 Production and Emission Limitations

In addition to Condition 5.3.2 and the source-wide emission limitations in Condition 5.6, the affected dehydration unit is subject to the following:

- a. Emissions of benzene from the affected dehydration unit shall not exceed 0.90 megagram (0.99 tons) per year pursuant to 40 CFR 63.1274(d)(2), as determined in accordance with the procedure in 40 CFR 63.1282(a)(2) [T1].
- b. Emissions from the flare shall not exceed the following limits. These limits are based on the maximum design capacity of the flare as indicated in the application, i.e., approximately 1.25 million Btu/hour, and standard USEPA emission factors (AP-42) Table 13.5-1, January 1995 [T1].

| CO             |                  | VOM            |                  |
|----------------|------------------|----------------|------------------|
| <u>(Lb/Hr)</u> | <u>(Tons/Yr)</u> | <u>(Lb/Hr)</u> | <u>(Tons/Yr)</u> |
| 0.46           | 2.03             | 0.75           | 3.25             |

Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

The above limitations were established in Permit 01040071, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

7.2.7 Testing Requirements

- a. Heat content or flow rate of the waste gas sent to the flare shall be promptly tested upon written request by the Illinois EPA using the applicable methods specified in 40 CFR 63.11(b).

7.2.8 Monitoring Requirements

- b. The Permittee shall monitor the presence of a flame in the flare as if the flare were subject to 40 CFR 63.11 and 63.1283(d) (3) (i) (c).

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.9, the Permittee shall maintain records of the following items for the affected dehydration unit to demonstrate compliance with Conditions 5.6.1, 7.2.3, 7.2.5, and 7.2.6, pursuant to Section 39.5(7) (b) of the Act:

- a. The Permittee shall keep the following design records:
  - i. Maximum design capacity of the flare in the affected dehydration unit in million Btu/hour heat input from both waste gas and pilot flame fuel.
  - ii. Maximum firing rate of the reboiler in the affected dehydration unit in million Btu/hr.
- b. The Permittee shall keep the following operating records for the unit:
  - i. Glycol circulation rate in the dehydration unit (gallons/minute), once per week.
  - ii. Amount of natural gas processed by the glycol dehydration unit (million scf/yr).
- c. The Permittee shall maintain the records required for a flare by 40 CFR 63.1284(e), as if the flare were subject to 40 CFR 63, Subpart HHH.
- d. The Permittee shall keep records of the actual average benzene emission per year in accordance with 40 CFR 63.1284(d).

7.2.10 Reporting Requirements

- a. Reporting of Deviations

The Permittee shall promptly notify the Illinois EPA, Air Compliance Unit, of deviations of the affected dehydration unit with the permit requirements as follows, pursuant to

Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- i. Emissions from the affected dehydration unit in excess of the limits specified in Conditions 7.2.3 and 7.2.5 within 30 days of such occurrence.
- ii. Operation of the affected dehydration unit in excess of the limits specified in Condition 7.2.5 within 30 days of such occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

Operational flexibility is not set for the affected dehydration unit. However, there may be provisions for source-wide operational flexibility set forth in Condition 5.11 of this permit.

7.2.12 Compliance Procedures

- a. Compliance with Condition 7.2.3(c) is addressed by the requirements of Condition 7.1.5(a) and the records required in Condition 7.1.9.
- b. Compliance with the emission limits in Condition 7.2.6 shall be based on the recordkeeping requirements in Condition 7.2.9 and USEPA emission factors.

In particular, purposes of calculating VOM and benzene emissions from the affected dehydration unit process vent, the current version of the \*GRI-GLYCalc estimated air emissions program is acceptable.

- \* GRI-GLYCalc model was developed by Radian Corporation for the Gas Research Institute (GRI) specifically for estimating BETX/VOM emissions from triethylene glycol (TEG) and ethylene glycol dehydration units.

### 7.3 Storage Tanks

#### 7.3.1 Description

The source operates a gasoline tank for gasoline dispensing to on site gasoline powered equipment and a methanol storage tank for onsite use.

#### 7.3.2 List of Emission Units and Air Pollution Control Equipment

| Emission Unit | Description                       | Date Constructed | Emission Control Equipment |
|---------------|-----------------------------------|------------------|----------------------------|
| MT-2          | 8814 gallon Methanol Storage Tank | 10/85            | Submerged Loading Pipe     |
| GT-1          | 560 gallon Gasoline Storage Tank  | 7/92             | Submerged Loading Pipe     |

#### 7.3.3 Applicable Provisions and Regulations

- a. The "affected tanks" for the purpose of these unit-specific conditions, are the emission units described in Conditions 7.3.1 and 7.3.2.
- b.
  - i. No person shall cause or allow the loading of any organic material in any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe, or submerged fill [35 IAC 215.122 (b)].
  - ii. No person shall cause or allow the transfer of gasoline from any delivery vessel into any stationary tank at gasoline dispensing operation, unless such tank is equipped with a submerged loading pipe [35 IAC 215.583(a) (1)].

#### 7.3.4 Non-Applicability of Regulations of Concern

- a. The affected tanks are not subject to the requirements of the NSPS for Volatile Organic Liquid Storage Vessels, 40 CFR 60 Subparts A and Kb, because the affected tank is less than 40 cubic meters (10,567 gallons).
- b. The affected tanks are not subject to the requirements of 35 IAC 215.121, because the tanks are less than 40,000 gal.
- c. The affected tanks are not subject to the requirements of 35 IAC 215.122(a), because the tanks are less than 40,000 gal.
- d. Pursuant to 35 IAC 215.583(b) (4), the affected tanks are not subject to the requirements of 35 IAC 215.583(a) (2),

because the tanks are not located in a particular county as indicated in 35 IAC 215.583(b)(4).

7.3.5 Control Requirements and Work Practices

- a. On an annual basis, the Permittee shall conduct inspections of the affected storage tank to review its physical condition and ability to comply with the applicable requirements of Condition 7.3.3(b), pursuant to Sections 39.5(7)(a) and (d) of the Act.

7.3.6 Production and Emission Limitations

Production and emission limitations are not set for the affected tanks. However, there are source-wide production and emission limitations set forth in Condition 5.6.

7.3.7 Testing Requirements

Testing requirements are not set for the affected tanks. However, there are source-wide testing requirements in Condition 5.7 and general testing requirements in Condition 8.5.

7.3.8 Monitoring Requirements

Monitoring requirements are not set for the affected tanks. However, there may be provisions for source-wide monitoring requirements set forth in Condition 5.8 of this permit.

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.9, the Permittee shall maintain records of the following items for the affected tanks to demonstrate compliance with Conditions 5.6.1 and 7.3.3(b), pursuant to Section 39.5(7)(b) of the Act:

- a. Design information for the affected tanks showing the presence of a submerged loading pipe or submerged fill.
- b. Maintenance and repair records for the affected tank including documentation as related to the repair or replacement of the loading pipe, if applicable.
- c. If applicable, a written description of the practices used for submerged filling the affected tanks.

7.3.10 Reporting Requirements

- a. Reporting of Deviations

The Permittee shall promptly notify the Illinois EPA, Air Compliance Unit, of deviations of the affected tanks with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the

probable cause of such deviations, and any corrective actions or preventive measures taken:

- i. Operation of the affected tanks in excess of the limits specified in Condition 7.3.3(b) within 30 days of such occurrence.

7.3.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected tanks without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Changes to components related to either the "submerged loading pipe or submerged fill", including addition of new components and repair and replacement of components.
- b. Changes in the material stored in an affected tank, provided the affected tank continues to comply with the Conditions of Section 7.3.1 of this permit.

7.3.12 Compliance Procedures

- a. Compliance with Conditions 7.3.3(b) is addressed by the recordkeeping requirements of Condition 7.3.9.
- b. Compliance with the emission limits in Conditions 5.5.1 is determined by the affected tanks having potential emissions of VOM of 0.07 ton/year.

## 8.0 GENERAL PERMIT CONDITIONS

### 8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after \_\_\_\_\_ (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

### 8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

### 8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

### 8.4 Operational Flexibility/Anticipated Operating Scenarios

#### 8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

#### 8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this permit, provided that [Section 39.5(12)(a)(i) of the Act]:

- a. The changes do not violate applicable requirements;
- b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test

methods), recordkeeping, reporting, or compliance certification requirements;

- c. The changes do not constitute a modification under Title I of the CAA;
- d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and
- e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:
  - i. Describe the physical or operational change;
  - ii. Identify the schedule for implementing the physical or operational change;
  - iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
  - iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
  - v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

## 8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods if applicable test methods are not specified by the applicable regulations or otherwise identified in the conditions of this permit.

Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Conditions 8.6.3 and 8.6.4.

## 8.6 Reporting Requirements

### 8.6.1 Monitoring Reports

Reports summarizing required monitoring as specified in the conditions of this permit shall be submitted to the Illinois EPA

every six months as follows, unless more frequent submittal of such reports is required in Sections 5 or 7 of this permit [Section 39.5(7) (f) of the Act]:

| <u>Monitoring Period</u> | <u>Report Due Date</u> |
|--------------------------|------------------------|
| January - June           | September 1            |
| July - December          | March 1                |

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

#### 8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7) (a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determinations of emissions and operation that are intended to be made, including sampling and monitoring locations;
- e. The test method(s) that will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and
- g. Any proposed use of an alternative test method, with detailed justification.

#### 8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The

test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

#### 8.6.4 Reporting Addresses

- a. Unless otherwise specified in the particular provision of this permit or in the written instructions distributed by the Illinois EPA for particular reports, reports and notifications shall be sent to the Illinois EPA - Air Compliance Unit with a copy sent to the Illinois EPA - Air Regional Field Office.
- b. As of the date of issuance of this permit, the addresses of the offices that should generally be utilized for the submittal of reports and notifications are as follows:
  - i. Illinois EPA - Air Compliance Unit  
  
Illinois Environmental Protection Agency  
Bureau of Air  
Compliance & Enforcement Section (MC 40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276
  - ii. Illinois EPA - Air Quality Planning Section  
  
Illinois Environmental Protection Agency  
Bureau of Air  
Air Quality Planning Section (MC 39)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

iii. Illinois EPA - Air Regional Field Office

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

iv. USEPA Region 5 - Air Branch

USEPA (AR - 17J)  
Air & Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604

- c. Permit applications should be addressed to the Air Permit Section. As of the date of issuance of this permit, the address of the Air Permit Section is as follows:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Permit Section (MC 11)  
P.O. Box 19506  
Springfield, Illinois 62794-9506

8.7 Title I Conditions

Notwithstanding the expiration date on the first page of this CAAPP permit, Title I conditions in this permit, which are identified by a T1, T1N, or T1R designation, remain in effect until such time as the Illinois EPA takes action to revise or terminate them in accordance with applicable procedures for action on Title I conditions. This is because these conditions either: (a) incorporate conditions of earlier permits that were issued by the Illinois EPA pursuant to authority that includes authority found in Title I of the CAA (T1 conditions), (b) were newly established in this CAAPP permit pursuant to authority that includes such Title I authority (T1N conditions), or (c) reflect a revision or combination of conditions established in this CAAPP permit (T1R conditions). (See also Condition 1.5.)

## 9.0 STANDARD PERMIT CONDITIONS

### 9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule.

9.1.2 In particular, this permit does not alter or affect the following [Section 39.5(7)(j)(iv) of the Act]:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, pursuant to Section 39.5(7)(j) and (p) of the Act, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

### 9.2 General Obligations of Permittee

#### 9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

#### 9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

#### 9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless this permit provides for such continued operation consistent with the Act and applicable Illinois Pollution Control Board regulations [Section 39.5(6)(c) of the Act].

#### 9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated there under.

#### 9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

### 9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents as may be required by law and in accordance with constitutional limitations, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Sections 4 and 39.5(7)(a) and (p)(ii) of the Act]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment),

practices, or operations regulated or required under this permit;

- d. Sample or monitor any substances or parameters at any location:
  - i. At reasonable times, for the purposes of assuring permit compliance or applicable requirements; or
  - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any regulated activity, discharge or emission at the source authorized by this permit.

#### 9.4 Obligation to Comply with Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

#### 9.5 Liability

##### 9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

##### 9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

##### 9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

##### 9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

##### 9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

## 9.6 Recordkeeping

### 9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. At a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

### 9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12) (b) (iv) of the Act].

### 9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7) (e) (ii) of the Act].
- b. Other records required by this permit including any logs, plans, procedures, or instructions required to be kept by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

## 9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Air Quality Planning Section no later than May 1 of the following year, as required by 35 IAC Part 254.

## 9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7) (p) (v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Unit, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the

certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

#### 9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act and applicable regulations [Section 39.5(7) (p) (i) of the Act]. An example Certification by a Responsible Official is included as Attachment 1 to this permit.

#### 9.10 Defense to Enforcement Actions

##### 9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7) (o) (ii) of the Act].

##### 9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence [Section 39.5(7) (k) of the Act]:

- i. An emergency occurred as provided in Section 39.5(7) (k) of the Act and the Permittee can identify the cause(s) of the emergency.

Note: For this purpose, emergency means a situation arising from sudden and reasonably unforeseeable events beyond the control of the source, as further defined by Section 39.5(7) (k) (iv) of the Act.

- ii. The permitted source was at the time being properly operated;
- iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed

description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.

b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations [Section 39.5(7)(k)(iv) of the Act].

#### 9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

#### 9.12 Reopening and Reissuing Permit for Cause

##### 9.12.1 Permit Actions

This permit may be modified, revoked, reopened and reissued, or terminated for cause in accordance with applicable provisions of Section 39.5 of the Act. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

##### 9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit.
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program.
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or limitations, or other terms or conditions of this permit.

- d. The Illinois EPA or USEPA determines that this permit must be revised or revoked to ensure compliance with the applicable requirements.

#### 9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation and reissuance under Section 39.5(15) of the Act, pursuant to Sections 39.5(5)(e) and (i) of the Act.

#### 9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

#### 9.13 Severability Clause

The provisions of this permit are severable. In the event of a challenge to any portion of the permit, other portions of the permit may continue to be in effect. Should any portion of this permit be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected and the rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

#### 9.14 Permit Expiration and Renewal

Upon the expiration of this permit, if the source is operated, it shall be deemed to be operating without a permit unless a timely and complete CAAPP application has been submitted for renewal of this permit. However, if a timely and complete application to renew this CAAPP permit has been submitted, the terms and all conditions of this CAAPP permit will remain in effect until the issuance of a renewal permit [Section 39.5(5)(1) and (o) of the Act].

Note: Pursuant to Sections 39.5(5)(h) and (n) of the Act, upon submittal of a timely and complete renewal application, the permitted source may continue to operate until final action is taken by the Illinois EPA on the renewal application, provided, however, that this protection shall cease if the applicant fails to submit any additional information necessary to evaluate or take final action on the renewal

application as requested by the Illinois EPA in writing. For a renewal application to be timely, it must be submitted no later than 9 months prior to the date of permit expiration.

9.15 General Authority for the Terms and Conditions of this Permit

The authority for terms and conditions of this permit that do not include a citation for their authority is Section 39.5(7)(a) of the Act, which provides that the Illinois EPA shall include such provisions in a CAAPP permit as are necessary to accomplish the purposes of the Act and to assure compliance with all applicable requirements. Section 39.5(7)(a) of the Act is also another basis of authority for terms and conditions of this permit that do include a specific citation for their authority.

Note: This condition is included in this permit pursuant to Section 39.5(7)(n) of the Act.

**10.0 ATTACHMENTS**

Attachment 1 Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Official Title: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

Date Signed: \_\_\_\_\_

Attachment 2 Emissions of Particulate Matter from Process Emission Units

- a. New Process Emission Units for Which Construction or Modification Commenced On or After April 14, 1972 [35 IAC 212.321].
- i. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 [35 IAC 212.321(a)].
- ii. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.321(b)]:

$$E = A(P)^B$$

where:

P = Process weight rate; and  
E = Allowable emission rate; and,

A. Up to process weight rates of 408 Mg/hr (450 T/hr):

|   | <u>Metric</u> | <u>English</u> |
|---|---------------|----------------|
| P | Mg/hr         | T/hr           |
| E | kg/hr         | lb/hr          |
| A | 1.214         | 2.54           |
| B | 0.534         | 0.534          |

B. For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

|   | <u>Metric</u> | <u>English</u> |
|---|---------------|----------------|
| P | Mg/hr         | T/hr           |
| E | kg/hr         | lb/hr          |
| A | 11.42         | 24.8           |
| B | 0.16          | 0.16           |

iii. Limits for Process Emission Units For Which Construction or Modification Commenced On or After April 19, 1972 [35 IAC 212.321(c)]:

| Metric<br>P<br><u>Mg/hr</u> | E<br><u>kg/hr</u> | English<br>P<br><u>T/hr</u> | E<br><u>lb/hr</u> |
|-----------------------------|-------------------|-----------------------------|-------------------|
| 0.05                        | 0.25              | 0.05                        | 0.55              |
| 0.1                         | 0.29              | 0.10                        | 0.77              |
| 0.2                         | 0.42              | 0.2                         | 1.10              |
| 0.3                         | 0.64              | 0.30                        | 1.35              |
| 0.4                         | 0.74              | 0.40                        | 1.58              |
| 0.5                         | 0.84              | 0.50                        | 1.75              |
| 0.7                         | 1.00              | 0.75                        | 2.40              |
| 0.9                         | 1.15              | 1.00                        | 2.60              |
| 1.8                         | 1.66              | 2.00                        | 3.70              |
| 2.7                         | 2.1               | 3.00                        | 4.60              |
| 3.6                         | 2.4               | 4.00                        | 5.35              |
| 4.5                         | 2.7               | 5.00                        | 6.00              |
| 9.0                         | 3.9               | 10.00                       | 8.70              |
| 13.0                        | 4.8               | 15.00                       | 10.80             |
| 18.0                        | 5.7               | 20.00                       | 12.50             |
| 23.0                        | 6.5               | 25.00                       | 14.00             |
| 27.0                        | 7.1               | 30.00                       | 15.60             |
| 32.0                        | 7.7               | 35.00                       | 17.00             |
| 36.0                        | 8.2               | 40.00                       | 18.20             |
| 41.0                        | 8.8               | 45.00                       | 19.20             |
| 45.0                        | 9.3               | 50.00                       | 20.50             |
| 90.0                        | 13.4              | 100.00                      | 29.50             |
| 140.0                       | 17.0              | 150.00                      | 37.00             |
| 180.0                       | 19.4              | 200.00                      | 43.00             |
| 230.0                       | 22.0              | 250.00                      | 48.50             |
| 270.0                       | 24.0              | 300.00                      | 53.00             |
| 320.0                       | 26.0              | 350.00                      | 58.00             |
| 360.0                       | 28.0              | 400.00                      | 62.00             |
| 408.0                       | 30.1              | 450.00                      | 66.00             |
| 454.0                       | 30.4              | 500.00                      | 67.00             |

b. Existing Process Emission Units for Which Construction or Modification Prior to April 14, 1972 [35 IAC 212.322].

- i. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 [35 IAC 212.322(a)].
- ii. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.322(b)]:

$$E = C + A(P)^B$$

where:

P = Process weight rate; and  
 E = Allowable emission rate; and,

A. Up to process weight rates up to 27.2 Mg/hr (30 T/hr):

|   | <u>Metric</u> | <u>English</u> |
|---|---------------|----------------|
| P | Mg/hr         | T/hr           |
| E | kg/hr         | lb/hr          |
| A | 1.985         | 4.10           |
| B | 0.67          | 0.67           |
| C | 0             | 0              |

B. For process weight rate in excess of 27.2 Mg/hr (30 T/hr):

|   | <u>Metric</u> | <u>English</u> |
|---|---------------|----------------|
| P | Mg/hr         | T/hr           |
| E | kg/hr         | lb/hr          |
| A | 25.21         | 55.0           |
| B | 0.11          | 0.11           |
| C | - 18.4        | - 40.0         |

iii. Limits for Process Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972 [35 IAC 212.322(c)]:

| Metric<br>P<br><u>Mg/hr</u> | E<br><u>kg/hr</u> | English<br>P<br><u>T/hr</u> | E<br><u>lb/hr</u> |
|-----------------------------|-------------------|-----------------------------|-------------------|
| 0.05                        | 0.27              | 0.05                        | 0.55              |
| 0.1                         | 0.42              | 0.10                        | 0.87              |
| 0.2                         | 0.68              | 0.2                         | 1.40              |
| 0.3                         | 0.89              | 0.30                        | 1.83              |
| 0.4                         | 1.07              | 0.40                        | 2.22              |
| 0.5                         | 1.25              | 0.50                        | 2.58              |
| 0.7                         | 1.56              | 0.75                        | 3.38              |
| 0.9                         | 1.85              | 1.00                        | 4.10              |
| 1.8                         | 2.9               | 2.00                        | 6.52              |
| 2.7                         | 3.9               | 3.00                        | 8.56              |
| 3.6                         | 4.7               | 4.00                        | 10.40             |
| 4.5                         | 5.4               | 5.00                        | 12.00             |
| 9.0                         | 8.7               | 10.00                       | 19.20             |
| 13.0                        | 11.1              | 15.00                       | 25.20             |
| 18.0                        | 13.8              | 20.00                       | 30.50             |
| 23.0                        | 16.2              | 25.00                       | 35.40             |
| 27.2                        | 18.15             | 30.00                       | 40.00             |
| 32.0                        | 18.8              | 35.00                       | 41.30             |
| 36.0                        | 19.3              | 40.00                       | 42.50             |
| 41.0                        | 19.8              | 45.00                       | 43.60             |
| 45.0                        | 20.2              | 50.00                       | 44.60             |
| 90.0                        | 23.2              | 100.00                      | 51.20             |
| 140.0                       | 25.3              | 150.00                      | 55.40             |
| 180.0                       | 26.5              | 200.00                      | 58.60             |
| 230.0                       | 27.7              | 250.00                      | 61.00             |
| 270.0                       | 28.5              | 300.00                      | 63.10             |
| 320.0                       | 29.4              | 350.00                      | 64.90             |
| 360.0                       | 30.0              | 400.00                      | 66.20             |
| 400.0                       | 30.6              | 450.00                      | 67.70             |
| 454.0                       | 31.3              | 500.00                      | 69.00             |

Attachment 3 Compliance Assurance Monitoring (CAM) Plan

There are no specific emission units that require a CAM plan as identified in the Monitoring Requirements of Subsection 8 for each Section 7, Unit Specific Conditions for Specific Emission Units.

Attachment 4 Guidance

The Illinois has prepared guidance for sources on the Clean Air Act Permit Program (CAAPP) that is available on the Internet site maintained by the Illinois EPA, [www.epa.state.il.us](http://www.epa.state.il.us). This guidance includes instructions on applying for a revision or renewal of the CAAPP permit.

Guidance On Revising A CAAPP Permit:

[www.epa.state.il.us/air/caapp/caapp-revising.pdf](http://www.epa.state.il.us/air/caapp/caapp-revising.pdf)

Guidance On Renewing A CAAPP Permit:

[www.epa.state.il.us/air/caapp/caapp-renewing.pdf](http://www.epa.state.il.us/air/caapp/caapp-renewing.pdf)

The application forms prepared by the Illinois EPA for the CAAPP are also available from the Illinois EPA's Internet site:

[www.epa.state.il.us/air/caapp/index.html](http://www.epa.state.il.us/air/caapp/index.html)

These CAAPP application forms should also be used by a CAAPP source when it applies for a construction permit. For this purpose, the appropriate CAAPP application forms and other supporting information, should be accompanied by a completed Application For A Construction Permit form (199-CAAPP) and Fee Determination for Construction Permit Application form (197-FEE):

[www.epa.state.il.us/air/caapp/199-caapp.pdf](http://www.epa.state.il.us/air/caapp/199-caapp.pdf)

[www.epa.state.il.us/air/permits/197-fee.pdf](http://www.epa.state.il.us/air/permits/197-fee.pdf)

JRC:psj

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

**BUREAU OF AIR**

*DIVISION of AIR POLLUTION CONTROL*

*PERMIT SECTION*

PROJECT SUMMARY for the  
PROPOSED TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

Natural Gas Pipeline Company of America  
370 Van Gordon Street  
Lakewood, CO 80228

Permit Engineer/Technical Contact: John Cashman, 217/782-2113  
Community Relations/Comments Contact: Brad Frost, 217/782-7027

Springfield, Illinois

## I. INTRODUCTION

This source has applied for a renewal of the Title V - Clean Air Act Permit Program (CAAPP) operating permit (I.D. 041801AAB, Permit #95120216) for its existing operation. The CAAPP is the program established in Illinois for operating permits for significant stationary sources as required by the federal Clean Air Act, as amended in 1990, and 40 CFR Part 70. Unlike state operating permits, the conditions in a CAAPP permit are enforceable by both the Illinois Environmental Protection Agency (Illinois EPA) and the USEPA. This document is for informational purposes only and does not shield the Permittee from enforcement actions or its responsibility to comply with applicable regulations. This document shall not constitute a defense to a violation of the Act or any rule or regulation.

A Title V permit contains conditions listing the applicable state and federal air pollution control regulations that apply to a source. The permit conditions also establish emission limits, appropriate compliance procedures, and specific operational flexibility. The appropriate compliance procedures may include monitoring, record keeping, and reporting to show compliance with these requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the source is operating in accordance with the requirements of the permit.

## II. SOURCE DESCRIPTION INFORMATION

### a. Location and nature of business

The Natural Gas Pipeline Company of America - Station 203 is located in rural Arcola (take County Road south from Chesterville, go left at fork, right at first crossroad, ½ mile or right). The source utilizes compressors driven by natural gas fired engines for the transmission of natural gas through pipelines. The primary sources of pollutants at this source are the natural gas fired engines.

### b. National Ambient Air Quality Standard status for this area

This permit is issued based on the source being located in an area that, as of the date of permit issuance, is designated attainment or unclassifiable for the National Ambient Air Quality Standards for all criteria pollutants (CO, lead, NO<sub>2</sub>, ozone, PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>).

### c. Major source status

The proposed permit is based on:

1. The source requiring a CAAPP permit as a major source of NO<sub>x</sub> emissions.

d. Significant emission units

| Emission Unit | Description                           | Date Constructed | Emission Control Equipment |
|---------------|---------------------------------------|------------------|----------------------------|
| 01-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 02-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 03-ENG        | 550 hp Ingersold-Rand NG Fired Engine | Prior to 1972    | None                       |
| 04-ENG        | 1600 hp Worthington NG Fired Engine   | Prior to 1972    | None                       |
| DEHY2         | Glycol Dehydration Unit               | 7/01             | Smokeless Flare (FLARE1)   |
| MT-2          | 8814 gallon Methanol Storage Tank     | 10/85            | Submerged Loading Pipe     |
| GT-1          | 560 gallon Gasoline Storage Tank      | 7/92             | Submerged Loading Pipe     |

## III. EMISSIONS INFORMATION

The proposed permit limits the source wide maximum annual emissions from significant emission units at the source. Insignificant activities at this source are not accounted for in the source-wide limit. Further unit specific emission unit limitations are found within Sections 5 and 7 of the proposed permit.

For purposes of fees, the source is allowed the following emissions:

| Pollutant  | Tons/Year |
|--|-----------|
| Volatile Organic Material (VOM)                          | 14.83     |
| Sulfur Dioxide (SO <sub>2</sub> )                        | 0.083     |
| Particulate Matter (PM)                                  | 5.18      |
| Nitrogen Oxides (NO <sub>x</sub> )                       | 694.6     |
| Hazardous Air pollutant (HAP), not included in VOM or PM |           |
| TOTAL  | 714.69    |

This proposed permit contains terms and conditions that address the applicability, and, if determined applicable, substantive requirements of Title I of the Clean Air Act (CAA) and regulations promulgated thereunder, including 40 CFR 52.21, Prevention of Significant Deterioration (PSD) and 35 IAC Part 203, Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within the proposed permit by T1, T1R, or T1N. Any conditions established in a construction permit [T1] pursuant to Title I and not revised or deleted in this proposed permit, remain in effect pursuant to Title I provisions until such time that the Illinois EPA

revises or deletes them. Where the source has requested that the Illinois EPA establish new [T1N] or revise [T1R] such conditions in a Title I permit, those conditions are consistent with the information provided in the Title V application and will remain in effect pursuant to Title I provisions until such time that the Illinois EPA revises or deletes them.

This proposed permit does not establish any new [T1N] requirements or revised [T1R] requirements.

IV. EMISSIONS CONTROL PROGRAMS INFORMATION

As of the date of issuance of this permit, there are no such emissions control programs applicable to this source.

V. COMPLIANCE ASSURANCE MONITORING (CAM) PLAN INFORMATION

The Compliance Assurance Monitoring (CAM) plan is a program for pollutant-specific emission units which use an add-on control device to achieve compliance with an emission limitation or standard, has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than major source threshold levels, and is not specifically exempt by 40 CFR Part 64. There are no specific emission units that require a CAM plan as identified in the Monitoring Requirements of Subsection 8 for each Section 7, Unit Specific Conditions for Specific Emission Units.

VI. OTHER PERTINENT INFORMATION

a. Risk Management Plan (RMP)

A risk management plan (RMP) is a program required for a source affected by Chemical Accident Prevention for reducing the levels of emissions during an emergency, consistent with safe operating procedures. If the Permittee becomes subject to the RMP then the Permittee would be required to immediately implement the appropriate steps described in this plan should an emergency be declared. The Permittee then would be required to maintain and have this plan on file with the Illinois EPA.

b. Episode Action Plan (EAP)

An episode action plan (EAP) is a program for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The Permittee is required to immediately implement the appropriate steps described in this plan should an air pollution alert or

emergency be declared. The Permittee is required to maintain and have this plan on file with the Illinois EPA.

VII. COMPLIANCE INFORMATION

The source has certified compliance with all applicable rules and regulations; therefore, a compliance schedule is not required for this source.

VIII. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this source's permit application meets the standards for issuance of a Title V permit. The Illinois EPA is therefore proposing to issue a Title V permit, subject to the conditions proposed in the draft permit.

Comments are requested by the Illinois EPA for the proposed permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.

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10.0 ATTACHMENTS

- 10.1 Attachment 1 - Example Certification by a Responsible Official 1-1

1.0 SOURCE IDENTIFICATION

1.1 Source

Natural Gas Pipeline Company of America - Station 203  
Rural Arcola  
Arcola, Illinois 61910  
630/691-3777

I.D. No.: 041801AAB  
Standard Industrial Classification: 4922, Natural Gas  
Transmission

1.2 Owner/Parent Company

Natural Gas Pipeline Company of America  
370 Van Gordon Street  
P.O. Box 281304  
Lakewood, Colorado 80228-8304

1.3 Operator

Natural Gas Pipeline Company of America  
R.R. 2, Box 142B  
St. Elmo, Illinois 62458

Technical Contact: Kristine M. Akeridge  
303/914-7819

1.4 General Source Description

The Natural Gas Pipeline Company of America - Station 203 is located in rural Arcola (take County Road south from Chesterville, go left at fork, right at first crossroad, ½ mile or right). The source utilizes compressors driven by natural gas fired engines for the transmission of natural gas through pipelines. The primary sources of pollutants at this source are the natural gas fired engines.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

|                  |  |
|------------------|--|
| Act              | Environmental Protection Act [415 ILCS 5/1 et seq.]  |
| AP-42            | Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711 |
| Btu              | British thermal unit   |
| CAA              | Clean Air Act [42 U.S.C. Section 7401 et seq.]   |
| CAAPP            | Clean Air Act Permit Program   |
| CFR              | Code of Federal Regulations  |
| HAP              | Hazardous Air Pollutant  |
| hr               | hour   |
| IAC              | Illinois Administrative Code   |
| I.D. No.         | Identification Number of Source, assigned by Illinois EPA  |
| Illinois EPA     | Illinois Environmental Protection Agency   |
| kW               | kilowatts  |
| lb               | pound  |
| mmBtu            | Million British thermal units  |
| NESHAP           | National Emission Standards for Hazardous Air Pollutants   |
| NO <sub>x</sub>  | Nitrogen Oxides  |
| NSPS             | New Source Performance Standards   |
| PM               | Particulate Matter   |
| PM <sub>10</sub> | Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods  |
| ppm              | parts per million  |
| PSD              | Prevention of Significant Deterioration  |
| RMP              | Risk Management Plan   |
| SO <sub>2</sub>  | Sulfur Dioxide   |
| T1               | Title I - identifies Title I conditions that have been carried over from an existing construction permit   |
| T1N              | Title I New - identifies Title I conditions that are being established in this permit  |
| T1R              | Title I Revised - identifies Title I conditions that have been carried over from an existing construction permit and subsequently revised in this permit   |
| USEPA            | United States Environmental Protection Agency  |
| VOM              | Volatile Organic Material  |

### 3.0 INSIGNIFICANT ACTIVITIES

#### 3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a) (1) and 201.211, as follows:

Drain Sumps  
Natural gas pneumatic valve operator  
Ambitrol tanks  
Surge tanks  
Condensate tanks  
Reboiler

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a) (2) or (a) (3), as follows:

Road Dust

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a) (4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: (A) Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas; (B) Units with a rated heat input capacity of less than 1.0 mmBtu/hr that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas; and (C) Units with a rated heat input capacity of less than 200,000 Btu/hr which never burn refuse, or treated or chemically contaminated wood [35 IAC 201.210(a) (4)].

Equipment used for filling drums, pails, or other packaging containers, excluding aerosol cans, with soaps, detergents, surfactants, lubricating oils, waxes, vegetable oils, greases, animal fats, glycerin, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a) (8)].

Storage tanks of organic liquids with a capacity of less than 10,000 gallons and an annual throughput of less than 100,000 gallons per year, provided the storage tank is not used for the storage of gasoline

or any material listed as a HAP pursuant to Section 112(b) of the CAA [35 IAC 201.210(a)(10)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

Gas turbines and stationary reciprocating internal combustion engines of less than 112 kW (150 horsepower) power output [35 IAC 201.210(a)(15)].

Gas turbines and stationary reciprocating internal combustion engines of between 112 kW and 1,118 kW (150 and 1,500 horsepower) power output that are emergency or standby units [35 IAC 201.210(a)(16)].

Loading and unloading systems for railcars, tank trucks, or watercraft that handle only the following liquid materials, provided an organic solvent has not been mixed with such materials: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a)(18)].

3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

### 3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.

3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.

3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that

organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

### 3.3 Addition of Insignificant Activities

- 3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).
- 3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.
- 3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

| Emission Unit | Plant Emission Unit | Emission Unit Description                                    | Rated Capacity | Construction Date | Emission Control       |
|---------------|---------------------|--|----------------|-------------------|------------------------|
| 01            | 01-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None                   |
|               | 02-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None                   |
|               | 03-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None                   |
|               | 04-ENG              | Natural Gas Fired Compressor Engine<br>Worthington UTC-8     | 1,600 hp       | 1964              | None                   |
| 02            | 01-DHY              | Glycol Dehydration Unit                                      | ----           | 1964              | None                   |
| 03            | GT-1                | Gasoline Storage Tank  | 560 Gallons    | ----              | Submerged Loading Pipe |
|               | MT-2                | Methanol Storage Tank  | 3,780 Gallons  | ----              | Bottom Loading         |

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of NO<sub>x</sub> and HAP emissions.

5.2 Applicable Regulations

5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.

5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:

a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement is considered to be assured by the inherent nature of operations at this source, as demonstrated by historical operation.

b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

5.2.3 The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an

approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in Part 68, then the owner or operator shall submit a Risk Management Plan (RMP) by the date specified in Section 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 CFR Part 70 or 71.

5.2.5 Should this stationary source, as defined in 40 CFR Part 63, become subject to 40 CFR Part 63, then the owner or operator shall comply with the applicable requirements of 40 CFR Part 63 by the date(s) specified in the NESHAP and shall certify compliance with the applicable requirements of 40 CFR Part 63 as part of the annual compliance certification as required by 40 CFR Part 70 or 71.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

| Pollutant                          | Tons/Year |
|------------------------------------|-----------|
| Volatile Organic Material (VOM)    | 86.9      |
| Sulfur Dioxide (SO <sub>2</sub> )  | 0.1       |
| Particulate Matter (PM)            | 1.4       |
| Nitrogen Oxides (NO <sub>x</sub> ) | 615.4     |
| HAP, not included in VOM or PM     | ---       |
| TOTAL                              | 703.8     |

5.5.2 Emissions of Hazardous Air Pollutants

Source-wide emission limitations for HAPs as listed in Section 112(b) of the CAA are not set. This source is considered to be a major source of HAPs.

5.5.3 Other Source-Wide Emission Limitations

Other source-wide emission limitations are not set for this source pursuant to either the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21, Illinois EPA rules for Major Stationary Sources Construction and Modification, 35 IAC Part 203, or Section 502(b)(10) of the CAA. However, there may be unit specific emission limitations set forth in Section 7 of this permit pursuant to these rules.

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Records for Operating Scenarios

N/A

5.6.3 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and

shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.

- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.
- c. To meet the recordkeeping requirement of Condition 5.6.3(a) above, the Permittee shall keep all records and logs at NGPL's Station 311 (Hammond, Illinois) located 2 miles west of Hammond on Highway U.S.36 since this facility is an unmanned facility.

## 5.7 General Reporting Requirements

### 5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

### 5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

## 5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

## 5.9 General Compliance Procedures

### 5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and Compliance Procedures in Section 7 (Unit Specific Conditions) of this permit.

6.0 [NOT APPLICABLE TO THIS PERMIT]

7.0 UNIT SPECIFIC CONDITIONS

7.1 Unit 01 Four Natural Gas Fired Reciprocating Engines

7.1.1 Description

These engines are used to provide power to compressor units at the source that move natural gas through the source's associated transmission pipelines. The engines do not utilize any control equipment. The engines burn natural gas as the fuel.

7.1.2 List of Emission Units and Pollution Control Equipment

| Emission Unit | Plant Emission Unit | Emission Unit Description                                    | Rated Capacity | Construction Date | Emission Control |
|---------------|---------------------|--|----------------|-------------------|------------------|
| 01            | 01-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None             |
|               | 02-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None             |
|               | 03-ENG              | Natural Gas Fired Compressor Engine<br>Ingersoll-Rand<br>SVG | 550 hp         | 1958              | None             |
|               | 04-ENG              | Natural Gas Fired Compressor Engine<br>Worthington<br>UTC-8  | 1,600 hp       | 1964              | None             |

7.1.3 Applicability Provisions and Applicable Regulations

- a. The "affected engines" for the purpose of these unit-specific conditions, are the emission units described in Conditions 7.1.1 and 7.1.2.
- b. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission unit to exceed 2,000 ppm [35 IAC 214.301].
- c. No person shall cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the

atmosphere from any emission unit, except as provided in 35 IAC 215.302, 215.303, or 215.304 and the following exemption: If no odor nuisance exists the limitation of 35 IAC 215 Subpart G shall only apply to photochemically reactive material [35 IAC 215.301].

- d. Each affected engine is subject to the emission limits identified in Condition 5.2.2.

7.1.4 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected engines not being subject to the requirements of 35 IAC 212.322, emissions of particulate matter from process emission units, because due to the unique nature of this process, such rules cannot reasonably be applied.
- b. The affected engines are not subject to 35 IAC 216.121, emissions of carbon monoxide from fuel combustion emission units, because the affected engines are not by definition a fuel combustion emission unit.

7.1.5 Operational and Production Limits and Work Practices

- a. Natural gas shall be the only fuel fired in the affected engines.

7.1.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected engines are subject to the following:

None

7.1.7 Testing Requirements

None

7.1.8 Monitoring Requirements

None

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected engines to demonstrate compliance with Conditions 5.5.1 pursuant to Section 39.5(7) (b) of the Act:

- a. Hours of operation (hr/yr).

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance of an affected engine with the permit requirements as follows pursuant to Section 39.5(7) (f) (ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Emissions of SO<sub>2</sub> or VOM from an affected engine in excess of the limits specified in Condition 7.1.3 within 30 days of such an occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.1.12 Compliance Procedures

- a. Compliance with Condition 7.1.3(b) and (c) is considered to be assured by the normal work practices and maintenance activities inherent in operation of the affected engines.
- b. Compliance with the emission limits in Condition 5.5.1 shall be based on the recordkeeping requirements in Condition 7.1.9 and the emission factors and formulas listed below:
  - i. Emission factors for the affected engines when fired by natural gas:

| <u>Pollutant</u> | <u>Emission Factor<br/>(550 hp Engines)<br/>(lb/hr)</u> | <u>Emission Factor<br/>(1,600 hp Engine)<br/>(lb/hr)</u> |
|------------------|---|--|
| VOM              | 0.87 (*2)   | 1.52 (*2)  |
| SO <sub>2</sub>  | 0.003 (*3)  | 0.01 (*3)  |
| PM               | 0.05 (*3)   | 0.17 (*3)  |
| NO <sub>x</sub>  | 33.9 (*1)   | 38.4 (*2)  |

These are emission factors determined for the affected engines using:

\*1 - Stack Test Data - (lb/hr) factors based on emission data under maximum consumption conditions.

\*2 - AP-42 (5th Edition), Chapter 3, Section 2, Table 3.2-1 10/96 - Pound horsepower-hour factors used to calculate lb/hr emission factors for maximum operational conditions.

\*3 - U.S. EPA Fire Database Version 6.0 - Pound per hour factors were calculated using the maximum gas consumption and maximum horsepower ratings for the engines.

ii. Emission formula for the affected engines when fired by natural gas:

Gas Engine Emissions (ton) = Hours Operated (hr) \* The Appropriate Emission Factor (lb/hr)

7.2 Unit 02 - Natural Gas Fired Dehydration Unit

7.2.1 Description

The dehydration unit is used primarily to separate products and remove contaminants from the natural gas. The dehydration unit burns natural gas as the fuel.

7.2.2 List of Emission Units and Pollution Control Equipment

| Emission Unit | Plant Emission Unit | Emission Unit Description | Rated Capacity | Construction Date | Emission Control |
|---------------|---------------------|---------------------------|----------------|-------------------|------------------|
| 02            | 01-DNY              | Glycol Dehydration Unit   | ----           | 1964              | None             |

7.2.3 Applicability Provisions and Applicable Regulations

- a. The "affected dehydration unit" for the purpose of these unit-specific conditions, are the emission units described in Conditions 7.2.1 and 7.2.2.
- b. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission unit to exceed 2,000 ppm [35 IAC 214.301].
- c. The affected dehydration unit is subject to the emission limits identified in Condition 5.2.2.

7.2.4 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected dehydration unit not being subject to the requirements of 35 IAC 212.321 or 35 IAC 212.322, emissions of particulate matter from process emission units, because due to the unique nature of this process, such rules cannot reasonably be applied.
- b. The affected dehydration unit is not subject to 35 IAC 216.121, emissions of carbon monoxide from fuel combustion emission units, because the affected dehydration unit is not by definition a fuel combustion emission unit.
- c. The affected dehydration unit is not subject to 35 IAC 215.301 because the emissions are not photochemically reactive material and no odor nuisance exists.

7.2.5 Operational and Production Limits and Work Practices

- a. Natural Gas or any future routing of still emissions to the firebox shall be the only fuel fired in the affected dehydration unit.

7.2.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected dehydration unit is subject to the following:

None

7.2.7 Testing Requirements

None

7.2.8 Monitoring Requirements

None

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected dehydration unit to demonstrate compliance with Conditions 5.5 and 7.2 pursuant to Section 39.5(7)(b) of the Act:

- a. Emissions of VOM, ton/year.

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance of an affected dehydration unit with the permit requirements as follows pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Emissions of SO<sub>2</sub> from an affected dehydration unit excess of the limits specified in Condition 7.2.3 within 30 days of such an occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

#### 7.2.12 Compliance Procedures

- a. Compliance with Condition 7.2.3(b) is demonstrated by proper operating conditions of each affected dehydration unit.
- b. Compliance with the emission limits in Condition 5.5.1 shall be based on the recordkeeping requirements in Condition 7.2.9 and the emission factors and formulas listed below:

For purposes of calculating VOM emissions from the affected dehydration unit, the current version of the \*GRI-GLYCalc estimated air emissions program is acceptable.

- \* GRI-GLYCalc model was developed by Radian Corporation for the Gas Research Institute (GRI) specifically for estimating BETX/VOM emissions from triethylene glycol (TEG) and ethylene glycol dehydration units.

7.3 Unit 3 - Storage Tanks

7.3.1 Description

The source operates a gasoline tank for gasoline dispensing to on site gasoline powered equipment and a methanol storage tank for onsite use.

7.3.2 List of Emission Equipment and Pollution Control Equipment

| Emission Unit | Plant Emission Unit | Emission Unit Description | Rated Capacity | Construction Date | Emission Control       |
|---------------|---------------------|---------------------------|----------------|-------------------|------------------------|
| 03            | GT-1                | Gasoline Storage Tank     | 560 Gallons    | ----              | Submerged Loading Pipe |
|               | MT-2                | Methanol Storage Tank     | 3,780 Gallons  | ----              | Bottom Loading         |

7.3.3 Applicability Provisions

- a. An "affected tank", for the purpose of these unit-specific conditions, are the emission units described in Conditions 7.3.1 and 7.3.2.
- b. No person shall cause or allow the loading of any organic material in any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe [35 IAC 215.122(b)]. Except as provided in the following exemptions: If the tank is a pressure tank then the limitations of 35 IAC 215.122(b) shall not apply [35 IAC 215.122(c)] or if no odor nuisance exists then the limitation of 35 IAC 215.122(b) shall only apply when the tank is used to store a volatile organic liquid with a vapor pressure of 2.5 psia or greater at 70 F [35 IAC 215.122(d)].
- c. No person shall cause or allow the transfer of gasoline from any delivery vessel into any stationary tank at gasoline dispensing operation, unless such tank is equipped with a submerged loading pipe [35 IAC 215.583(a)(1)].

7.3.4 Non-Applicability of Regulations of Concern

- a. The storage tanks are not subject to the requirements of 35 IAC 215.121, because the tanks are each less than 40,000 gal.
- b. The storage tanks are not subject to the requirements of 35 IAC 215.122(a), because the tanks are each less than 40,000 gal.

- c. Pursuant to 35 IAC 215.583(b) (3), the gasoline storage tank is not subject to the requirements of 35 IAC 215.583(a) (2), because the tank has a capacity of less than 575 gallons.

7.3.5 Operational and Production Limits and Work Practices

- a. Each affected tank subject to the applicable provisions of Condition 7.3.3 shall be equipped and operated with a submerged loading pipe, submerged fill, or an equivalent device approved by the Illinois EPA, pursuant to 35 IAC 215.122(b) and/or 215.583(a). (The Illinois EPA has not approved use of other equivalent equipment in lieu of a submerged loading pipe or submerged loading fill.)

7.3.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide limitations in Condition 5.5, the affected tank is subject to the following:

N/A

7.3.7 Testing Requirements

None

7.3.8 Inspection and Monitoring Requirements

None

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected tank to demonstrate compliance with Condition 5.5.1 and 7.3.5 pursuant to Section 39.5(7) of the Act:

- a. Design information for the tank showing the presence of a submerged loading pipe or submerged fill.
- b. Maintenance and repair records for the tank, as related to the repair or replacement of the loading pipe, if applicable.
- c. If applicable, a written description of the practices used for submerged filling the tank(s).

7.3.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance with the control and

operating requirements as follows pursuant to Section 39.5(7)(f)(ii) of the Act:

- a. Any loading of gasoline or other VOL into an affected tank that was not in compliance with Condition 7.3.5, e.g., no "submerged loading pipe or submerged fill" within 30 days of becoming aware of the noncompliance status. This notification shall include a description of the event, the cause for the noncompliance, actions taken to correct the noncompliance and the steps taken to avoid future noncompliance.
- b. Any storage of gasoline or other VOL in an affected tank that is out of compliance with the control requirements (Condition 7.3.5) due to damage, deterioration, or other condition of the loading pipe, within 30 days of becoming aware of the noncompliance status. This notification shall include a description of the event, the cause for the noncompliance, actions taken to correct the noncompliance, and the steps to be taken to avoid future noncompliance.

#### 7.3.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to an affected tank without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

- a. Changes to components related to either the "submerged loading pipe or submerged fill", including addition of new components and repair and replacement of components.
- b. Changes in the material stored in the tanks, provided the tank continues to comply with the Conditions of Section 7.3.5 of this permit.

#### 7.3.12 Compliance Procedures

- a. Compliance with Conditions 7.3.3(b) and (c) is considered to be assured by the recordkeeping requirements of Condition 7.3.9.
- b. Compliance with the emission limits in Conditions 5.5.1 is determined by the affected tanks having potential emissions of VOM of 0.07 ton/year.

## 8.0 GENERAL PERMIT CONDITIONS

### 8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after July 22, 1999 (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

### 8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

### 8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

### 8.4 Operational Flexibility/Anticipated Operating Scenarios

#### 8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

#### 8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes without applying for or obtaining an amendment to this permit, provided that the changes do not constitute a modification under Title I of the CAA, emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change, and the Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change [Section 39.5(12)(a) of the Act]. This notice shall:

- a. Describe the physical or operational change;
- b. Identify the schedule for implementing the physical or operational change;
- c. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
- d. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
- e. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

#### 8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

#### 8.6 Reporting Requirements

##### 8.6.1 Monitoring Reports

A report summarizing required monitoring as specified in the conditions of this permit shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

Monitoring Period Report Due Date

January - June

September 1

July - December

March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and
- g. Any proposed use of an alternative test method, with detailed justification.

### 8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7) (e) (i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

### 8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
  - i. Illinois EPA - Air Compliance Section  
  
Illinois Environmental Protection Agency  
Bureau of Air  
Compliance Section (MC 40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276
  - ii. Illinois EPA - Air Regional Field Office  
  
Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Eisenhower Tower  
1701 South First Avenue  
Maywood, Illinois 60153
  - iii. Illinois EPA - Air Permit Section (MC 11)  
  
Illinois Environmental Protection Agency

Division of Air Pollution Control  
Permit Section  
P.O. Box 19506  
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AR - 17J)  
Air & Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604

- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

## 9.0 STANDARD PERMIT CONDITIONS

### 9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 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.

### 9.2 General Obligations of Permittee

#### 9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(p)(ii) of the Act]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control

equipment), practices, or operations regulated or required under this permit;

- d. Sample or monitor any substances or parameters at any location:
  - i. At reasonable times, for the purposes of assuring permit compliance; or
  - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source.

#### 9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

#### 9.5 Liability

##### 9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

##### 9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

##### 9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

##### 9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

#### 9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7) (o) (iv) of the Act].

### 9.6 Recordkeeping

#### 9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

#### 9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12) (b) (iv) of the Act].

#### 9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7) (e) (ii) of the Act].
- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.
- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
  - i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;
  - ii. The permitted source was at the time being properly operated;
  - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.
- b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

#### 9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

## 9.12 Reopening and Reissuing Permit for Cause

### 9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

### 9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and
- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

### 9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

### 9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such

records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

#### 9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

#### 9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(l), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 - Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Official Title: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

Date Signed: \_\_\_\_\_

JRC:psj