

**Southern Ute Indian Tribe
Environmental Programs Division
Air Quality Program
71 Mike Frost Way
Ignacio, Colorado 81137**



**AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE**

In accordance with the provisions of Title V of the Clean Air Act (42 U.S.C. 7661-7661f) and Part 1, Article II of the Southern Ute Indian Tribe/State of Colorado Environmental Commission's Reservation Air Code (RAC) and applicable rules and regulations,

**Transwestern Pipeline Company
La Plata A Compressor Station**

is authorized to operate air emission units and to conduct other air pollutant emitting activities in accordance with the conditions listed in this permit.

This source is authorized to operate at the following location:

**Southern Ute Indian Reservation
Section 35, T34N R9W
La Plata County, Colorado**

Terms not otherwise defined in this permit have the meaning assigned to them in the referenced regulations. All terms and conditions of the permit are enforceable by the Tribe and citizens under the Clean Air Act.

A handwritten signature in black ink, appearing to read "Mark Hutson", is written over a horizontal line.

Mark Hutson, Acting Air Quality Program Manager
Environmental Programs Division
Southern Ute Indian Tribe

**AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE
Transwestern Pipeline Company
La Plata A Compressor Station**

Permit Number: V-SUIT-0013-2014.01
[Replaces Permit No.: V-SUIT-0013-2014.00]

Issue Date: July 16, 2014
Effective Date: July 16, 2014
Expiration Date: March 12, 2019

The permit number cited above should be referenced in future correspondence regarding this facility.

Permit Issuance History

DATE	TYPE OF ACTION	SECTION NUMBER AND TITLE	DESCRIPTION OF ACTION
October 2003	Initial Part 71 Permit Issued		#V-SU-0013-00.00
June 2009	First Renewal		#V-SU-0013-08.00
November 2009	Administrative Amendment		# V-SU-0013-08.01
January 2014	Initial Part 70 Permit issued		# V-SUIT-0013-2014.00 Replaces EPA-issued permit #V-SU-0013-08.01
July 2014	Minor Revision		#V-SUIT-0013-2014.01

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Abbreviations and Acronyms

4SLB	Four-Stroke Lean-Burn
4SRB	Four-Stroke Rich-Burn
AFS	Air Facility System database
AQP	Southern Ute Indian Tribe's Air Quality Program
bbl	Barrels
BACT	Best Available Control Technology
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System (includes COMS, CEMS and diluent monitoring)
COMS	Continuous Opacity Monitoring System
CO	Carbon monoxide
CO ₂	Carbon dioxide
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
EPA	United States Environmental Protection Agency
gal	Gallon
GPM	Gallons per minute
H ₂ S	Hydrogen sulfide
HAP	Hazardous Air Pollutant
hr	Hour
ID	Identification Number
kg	Kilogram
lbs	Pounds
MACT	Maximum Achievable Control Technology
Mg	Megagram
MMBtu	Million British Thermal Units
MMSCFD	Million standard cubic feet per day
mo	Month
NESHAP	National Emission Standards for Hazardous Air Pollutants
NMHC	Non-methane hydrocarbons
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
pH	Negative logarithm of effective hydrogen ion concentration (acidity)
PM	Particulate Matter
PM ₁₀	Particulate matter less than 10 microns in diameter
ppbvd	Parts per billion by volume, dry
ppm	Parts per million
ppmvd	Parts per million by volume, dry
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
psi	Pounds per square inch
psia	Pounds per square inch absolute
RAC	Southern Ute Indian Tribe/State of Colorado Environmental Commission's Reservation Air Code
RICE	Reciprocating Internal Combustion Engine
RMP	Risk Management Plan
scf	Standard cubic feet
scfm	Standard cubic feet per minute
SI	Spark Ignition
SO ₂	Sulfur Dioxide
SUIT	Southern Ute Indian Tribe
tpy	Ton(s) Per Year
Tribe	Southern Ute Indian Tribe
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds

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I. Source Information and Emission Unit Identification

I.A. Source Information

Parent Company Name: Transwestern Pipeline Company

Plant Name: La Plata A Compressor Station

Plant Location: Section 35, T34N R9W
Latitude: N 37.145756
Longitude: W 107.787152

State: Colorado

Reservation: Southern Ute Indian Reservation

County: La Plata County

Responsible Official: Director of Operations

SIC Code: 4922

AFS Plant Identification Number: 08-067-U0017

Other Clean Air Act Permits: This permit replaces the facility's EPA-issued Part 71 permit (V-SU-0013-08.01). There are no other CAA permits issued to this facility.

Description of Process:

According to Transwestern's application, the La Plata A Compressor Station is a natural gas compression and transmission facility. Natural gas is received at the station via pipeline and passes through an inlet separator, which separates and removes pipeline condensate that may exist in the inlet stream. Very little liquid is contained in the gas received at this station; so consequently, very little liquid is separated out from the gas stream for subsequent storage and disposal. The gas is then compressed by two turbine-driven gas compressors. After compression, the gas exits the facility via a single gas pipeline. Any liquid removed by the separators is directed to a 100-barrel oily wastewater storage tank, which is also used to store wastewater accumulated at the station and waste oil that accumulates from maintenance activity at the station. The primary emitters at this facility are the two turbine-driven gas compressor engines (units T01 and T02). There is also an emergency engine and several tanks that qualify as insignificant emission sources located at the facility.

I.B. Source Emission Points

**Table 1 – Emission Units
Transwestern Pipeline Company, La Plata A Compressor Station**

Emission Unit ID	Description	Control Equipment
T01	Solar, Model Centaur 50-H (Version T-5502) natural gas-fired turbine, 4,006 HP Serial No.: 0634H Installed: 1991	None
T02	Solar, Model Taurus 60 (Version 7002S) natural gas-fired turbine 5,548 HP Serial No.: OHC13-T3022 Installed: 04/2013	SoLoNOx

**Table 2 – Insignificant Emission Units
Transwestern Pipeline Company, La Plata A Compressor Station**

Emission Unit ID	Description	Size/Rating
GEN1	1 - Generac Emergency Generator	379.1 hp
Heater	1 - Natural gas-fired heater	2.51 MMBtu/hr
T-1	1 - Vertical fixed-roof storage tank	500 gal
T-2	1 - Vertical fixed roof storage tank	100 bbl (4200 gal)
Loading	1 - Truck loading point for oily wastewater	NA
Blowdown	1 - Compressor blowdown emissions from turbine shutdowns and startups for maintenance	NA
FUG	1 - Fugitive emissions from piping components throughout the facility	NA

II. Site Specific Requirements

Requirements for Turbines

II.A. Subpart A – New Source Performance Standards, General Provisions

[40 CFR 60.1 – 60.19]

- a. 40 CFR Part 60, Subpart A – Standards of Performance for New Stationary Sources, General Provisions: This facility is subject to the requirements of 40 CFR Part 60, Subpart GG. As such, this facility is subject to 40 CFR Part 60, Subpart A. Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart A.

[40 CFR 60.1]

II.B. Subpart GG - Standards of Performance for Stationary Gas Turbines

[40 CFR 60.330 – 60.335]

1. Applicability

- a. This facility is subject to the requirements of 40 CFR Part 60, Subpart GG. Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart GG.
- b. 40 CFR Part 60, Subpart GG applies to the following emission units:
 - i. Unit T01: Solar Centaur 50-H T5502S, maximum 46 MMBtu/hr, natural gas-fired turbine, Serial Number: 0634H
 - ii. Unit T02: Solar Taurus 60 7002S, maximum 49.2 MMBtu/hr, natural gas-fired turbine, Serial Number: 0HB07-T0069

[40 CFR 60.330]

2. Emission Standards

- a. Units T01 and T02 are subject to the NO_x and SO₂ standards listed in Table 3 below.

[40 CFR 60.332(a)(2) and 60.333]

**Table 3 - Turbine Emission Standards
Transwestern Pipeline Company
La Plata A Compressor Station**

Pollutant	Emission Standard	Regulatory Reference
NO _x	Unit T01 $STD = 0.0150(14.4) + F = 179 \text{ ppm}$ Y where: Y= 12.03 kilojoules per watt hour (manufacturer’s rated heat rate at manufacturer’s rated peak load. The value of Y shall not exceed 14.4 kilojoules per watt hour) and F = 0 (NO _x emission allowance for fuel bound nitrogen) and STD = allowable NO _x emissions (% by volume at 15 % oxygen and on a dry basis)	40 CFR 60.332 (a)(2)

NO _x	<p>Unit TO2</p> $\text{STD} = 0.0150 \frac{(14.4)}{Y} + F = 191 \text{ ppm}$ <p>where: Y= 11.26 for Unit TO2 (manufacturer's rated heat rate at manufacturer's rated peak load. The value of Y shall not exceed 14.4 kilojoules per watt hour)</p> <p>and F = 0 (NO_x emission allowance for fuel bound nitrogen) and STD = allowable NO_x emissions (% by volume at 15 % oxygen and on a dry basis)</p>	<p>40 CFR 60.332 (a)(2)</p>
SO ₂	<p>Units TO1 and TO2</p> <p>Either:</p> <p>(a) No owner or operator subject to the provisions of this Subpart shall cause to be discharged into the atmosphere from any stationary gas turbine any gases which contain sulfur dioxide in excess of 0.015% by volume at 15% oxygen and on a dry basis;</p> <p>or</p> <p>(b) Fuel sulfur content shall not exceed 0.8% by weight.</p>	<p>40 CFR 60.333(a)</p> <p>40 CFR 60.333(b)</p>

- b. Units T01 and T02 shall be exempted from the NO_x emission standard in this section when being fired with an emergency fuel. For the purpose of this requirement, the term “emergency fuel” means “a fuel fired by a gas turbine only during circumstances, such as natural gas curtailment or breakdown of delivery system, that makes it impossible to fire natural gas in the gas turbine.”

[40 CFR 60.332(k), 40 CFR 60.331(r)]

3. Monitoring Requirements

- a. The permittee may use a CEMS in accordance with 40 CFR 60.334(c) to determine excess emissions.
- b. The permittee shall comply with the requirements of 40 CFR 60.334(h) for monitoring of sulfur content and nitrogen content of the fuel being burned in Units T01 and T02.
 - i. The permittee shall monitor the total sulfur content of the fuel being fired in Units T01 and T02 using one of the following methods:

1. The permittee shall determine the sulfur content of the fuel using the methods described in §60.335(b)(10); or
2. If the total sulfur content of the fuel during the most recent performance test was less than 0.4 weight percent, the permittee may determine the sulfur content of the fuel using ASTM D4084-82, 94, D5504-01, D6228-98, or Gas Processors Association Standard 2377-86; or
3. The permittee shall demonstrate that gaseous fuel burned in Units T01 and T02 meet the definition of natural gas pursuant to §60.331(u) using one of the following sources:
 - (A) The permittee shall demonstrate the gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or
 - (B) The permittee shall use representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20.0 grains/100 scf or less.

[40 CFR 60.334(h)(1) and (h)(3)]

[Explanatory Note: Under §60.334(h)(2), monitoring of nitrogen content of the fuel is only required if the permittee claims an allowance for fuel-bound nitrogen. The permittee has not claimed such an allowance.]

- c. The permittee shall measure NO_x emissions from Units T01 and T02 at least once every quarter to show compliance with the requirements of 40 CFR 60.332(a)(2). To meet this requirement, the permittee shall measure the NO_x emissions from the turbine using a portable analyzer and the monitoring protocol approved by EPA, or by the monitoring protocols approved by EPA as outlined in 40 CFR 60 Appendix A.
 - i. Monitoring shall begin in the first calendar quarter following EPA notification to the applicant of the approval of the monitoring protocol.
 - ii. If the emission unit is inoperable for 1,500 hours or more in any calendar quarter, the permittee is exempt from conducting NO_x monitoring for the emissions unit for that quarter only.
- d. The permittee shall not perform tuning or make any adjustments to turbine settings, processes or operational parameters immediately prior to the measurements or during measurements. Any such tuning or adjustments may result in a determination that the result is invalid.

[40 CFR 60.334(c) and RAC 2-110(5)(b)]

4. Testing Requirements

- a. The permittee shall comply with the initial performance test requirements of 40 CFR 60.8 (a)-(f) for measuring NO_x from replaced Units T01 and T02 within 60 days after achieving the maximum production rate at which the turbines will be operated, but not later than 180 days after initial startup of the turbines.
- b. The permittee shall comply with the test methods and procedures of 40 CFR 60.335 when conducting the initial performance test for NO_x for Units T01 and T02.

[40 CFR 60.8, 40 CFR 60.335, and RAC 2-110(5)(b)]

5. Recordkeeping Requirements

- a. The permittee shall comply with the following recordkeeping requirements:
 - i. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
 - ii. The permittee shall maintain a file of information required by the Subpart GG conditions of this permit.
- b. The permittee shall comply with the following recordkeeping requirements when firing an emergency fuel:
 - i. Monitoring of fuel sulfur content shall be recorded daily while firing an emergency fuel as defined in 40 CFR 60.331(r).
 - ii. Monitoring of fuel nitrogen content shall be recorded daily while firing a fuel other than pipeline-quality natural gas or while firing an emergency fuel as defined in 40 CFR 60.331(r).
- c. The permittee shall keep records of all required monitoring. The records shall include the following:
 - i. The date, place, and time of sampling or measurements;
 - ii. The date(s) analyses were performed;
 - iii. The company or entity that performed the analyses;
 - iv. The analytical techniques or methods used;
 - v. The results of such analyses; and

- vi. The operating conditions as existing at the time of sampling or measurement.
- d. The permittee shall keep a record of the number of hours an emissions unit is inoperable and document the reason(s) why the emissions unit was inoperable.
- e. The permittee shall retain records of all required monitoring data and support information, sample analyses, fuel supplier, fuel quality, and fuel make-up pertinent to the custom fuel monitoring schedule for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. These records shall be made available upon request by the Tribe and the EPA. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

[RAC 2-110(6)]

6. Reporting Requirements

- a. The permittee shall submit to the Tribe and the EPA a written report of the results of any initial performance test(s) required in this section.

[RAC 2-110(7) and 40 CFR 60.8]

Requirements for Engines

II.C. 40 CFR Part 60, Subpart A – New Source Performance Standards for New Stationary Sources General Provisions [40 CFR 60.1 – 60.19]

This source is subject to the requirements of 40 CFR Part 60, Subpart A – General Provisions as specified in Table 3 of 40 CFR Part 60, Subpart JJJJ. Notwithstanding conditions in this permit, the Permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart A.

[40 CFR 60.4246]

II.D. Standards of Performance for Stationary Spark Ignition Internal Combustion Engines - 40 CFR Part 60, Subpart JJJJ [40 CFR 60.4230 – 4248]

This facility is subject to the requirements of 40 CFR Part 60, Subpart JJJJ. Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart JJJJ.

1. Applicability [40 CFR 60.4230]

- a. 40 CFR Part 60, Subpart JJJJ applies to the following emission units:
 - i. Unit GEN1 – Generac SG250, four-stroke lean-burn (4SLB) 379.1 hp emergency generator engine

2. General Provisions [40 CFR 60.4, 60.4246, and 60.4236(b)]

- a. All reports required under 40 CFR Part 60, Subpart A shall be sent to the Tribe and Administrator at the following addresses as listed in §60.4:

Part 70 Program
Environmental Programs Division
Air Quality Program
P.O. Box 737, MS #84
Ignacio, Colorado 81137

and

Director, Air and Toxics Technical Enforcement Program, 8ENF-AT
Office of Enforcement, Compliance and Environmental Justice
1595 Wynkoop Street, Denver, CO 80202-1129
8ENF-AT

[40 CFR 60.4]

- b. The permittee shall not install stationary SI ICE with a maximum engine power of less than 500 HP that do not meet the applicable requirements in §60.4233.

[40 CFR 60.4236(a)]

3. Emission Standards [40 CFR 60.4233, 60.4234]

- a. The Permittee must comply with the following emissions standards for each engine as specified in §60.4233(e) and Table 1 of 40 CFR Subpart JJJJ:

Emission standards					
g/HP-hr			ppmvd at 15% O ₂		
NO _x	CO	VOC	NO _x	CO	VOC
2.0	4.0	1.0	160	540	86

- b. For each engine that was certified to the certification emission standards in 40 CFR part 1048 applicable to engines that are not severe duty engines, the permittee may meet the CO certification (not field testing) standard for which the engine was certified in accordance with §60.4233(e).
- c. The Permittee must operate and maintain the engines subject to the emission standards over the entire life of the engine, as specified in §60.4234.

4. Monitoring Requirements [40 CFR 60.4237]

- a. For each emergency engine that does not meet the standards applicable to non-emergency

engines, the permittee must install a non-resettable hour meter upon startup.

5. Compliance Requirements [40 CFR 60.4243]

- a. The Permittee must meet all of the applicable compliance requirements as specified in §60.4243.

6. Testing Requirements [40 CFR 60.4244]

- a. For each performance test required under §60.4243, the Permittee must meet the performance testing requirements of §60.4244.

7. Notification, Reports, and Records [40 CFR 60.4245]

- a. The Permittee must meet all of the applicable notification, reporting, and recordkeeping requirements of §60.4245.

II.E. 40 CFR Part 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants From Reciprocating Internal Combustion Engines [40 CFR 63.6580 – 63.6675]

Unit GEN1, a new 4SLB stationary RICE located at an area source of HAPs, must meet the requirements of 40 CFR Part 63, Subpart ZZZZ by meeting the requirements of 40 CFR Part 60, Subpart JJJJ. No further requirements apply to GEN1 under Subpart ZZZZ.

[40 CFR 63.6590(c)]

III. Facility-Wide Requirements

Conditions in this section of the permit apply to all emissions units located at the facility, including any units not specifically listed in Table 1 or Table 2 of the Source Emission Points section of this permit.

[RAC 2-110(1)(d)]

III.A. General Recordkeeping Requirements [RAC 2-110(6)]

The permittee shall comply with the following generally applicable recordkeeping requirements:

1. If the permittee determines that his or her stationary source that emits (or has the potential to emit, without federally recognized controls) one or more hazardous air pollutants is not subject to a relevant standard or other requirement established under 40 CFR part 63, the permittee shall keep a record of the applicability determination on site, at La Plata A Compressor Station, for a period of five years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination shall include an analysis (or other information) that demonstrates why the permittee believes the source is unaffected (e.g., because the source is an area source).

[40 CFR 63.10(b)(3)]

2. Records shall be kept of off permit changes made, as required by the Off Permit Changes section of this permit.

III.B. General Reporting Requirements

1. The permittee shall submit to the Tribe all reports of any required monitoring under this permit semiannually, by April 1 and October 1 of each year. The report due on April 1 shall cover the July 1 - December 31 reporting period of the previous calendar year. The report due on October 1 shall cover the January 1 - June 30 reporting period of the current calendar year. The initial report shall cover the period from the issuance date of this permit through the end of the relevant semi-annual reporting period. All instances of deviations from permit requirements shall be clearly identified in such reports. All required reports shall be certified by a responsible official consistent with the **Submissions** section of this permit.

[RAC 2-110(7)(a)]

2. “Deviation” means any situation in which an emissions unit fails to meet a permit term or condition. A deviation is not always a violation. A deviation can be determined by observation or through review of data obtained from any testing, monitoring, or recordkeeping established in accordance with RAC 2-110(5) and (6). For a situation lasting more than 24 hours which constitutes a deviation, each 24 hour period is considered a separate deviation. Included in the meaning of deviation are any of the following:
 - a. A situation where emissions exceed an emission limitation or standard;
 - b. A situation where process or emissions control device parameter values indicate that an emission limitation or standard has not been met; or
 - c. A situation in which observations or data collected demonstrate noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit.
 - d. A situation in which an exceedance or an excursion, as defined in 40 CFR Part 64 occurs.

[RAC 1-103(21)]

3. The permittee shall promptly report to the Tribe deviations from permit requirements, (including emergencies), including the date, time, duration, and the probable cause of such deviations, the quantity and pollutant type of excess emissions resulting from the deviation, and any preventative, mitigation, or corrective actions or measures taken. “Prompt” is defined as follows:
 - a. Where the underlying applicable requirement contains a definition of “prompt” or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern.

- b. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations will be submitted based on the following schedule:
 - i. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in the applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made by email, telephone, verbal, or facsimile communication by the close of business the next working day, upon discovery of the occurrence, and in writing within 10 working days from the occurrence;
 - ii. For emissions of any regulated air pollutant, excluding those listed in RAC § 2-110(7)(b)(i), that continue for more than 2 hours in excess of permit requirements, the report must be made by email, telephone, verbal, or facsimile communication by the close of business the next working day, upon discovery of the occurrence, and in writing within 10 working days from the occurrence;
 - iii. For all other deviations from permit requirements, the report shall be contained in the report submitted with the semi-annual monitoring report.

[RAC 2-110(7)(b)]

III.C. Alternative Operating Scenario for Turbines [RAC 2-110(8)]

- 1. Replacement of an existing turbine identified in this permit shall be allowed as an off-permit change pursuant to the Off Permit Changes provisions of this permit provided all of the following conditions are met:
 - a. The turbine replacement is not subject to any requirements under Title IV of the Clean Air Act and is not a modification under Title I of the Clean Air Act;
 - b. The turbine is of the same make, model, heat input capacity rating, power output capacity rating and is configured to operate in the same manner as the turbine being replaced.
 - c. The turbine meets all applicable requirements identified in this permit that apply to the existing turbine being replaced.
 - d. All applicable requirements that apply to the replacement turbine are already identified in the permit. Replacement of a turbine identified in this permit with a new modified or reconstructed turbine must utilize a Minor Permit Revision as specified in RAC 2-111(3) or a Significant Permit Revision as specified in RAC 2-111(4) to incorporate any new applicable requirements. The applicable requirements include, but may not be limited to:
 - i. Standards of Performance for Stationary Gas Turbines at 40 CFR Part 60, Subpart GG;
 - ii. Standards of Performance for Stationary Combustion Turbines at 40 CFR Part 60, Subpart KKKK;

- iii. National Emission Standard for Hazardous Air Pollutants for Stationary Combustion Turbines at 40 CFR Part 63, Subpart YYYY;
 - iv. Requirements established in a permit or permits issued pursuant to the Federal Minor New Source Review Program in Indian Country at 40 CFR Part 49;
 - v. Requirements established in a permit or permits issued pursuant to the Prevention of Significant Deterioration of Air Quality Program at 40 CFR Part 52; or
 - vi. Requirements established in any promulgated Federal Implementation Plan that may apply to turbines located on the Southern Ute Indian Reservation.
2. The Permittee shall provide contemporaneous written notice to the Tribe and the Administrator of any replacement of an existing turbine identified in this permit. Such notice shall state when the exchange occurred and shall describe the change and any applicable requirement that would apply as a result of the change.
 3. The Permittee shall keep a record of the turbine exchange.

III.D. Alternative Operating Scenarios for Engines [RAC 2-110(8)]

1. Replacement of an existing engine identified in this permit shall be allowed as an off-permit change pursuant to the Off Permit Changes provisions of this permit provided all of the following conditions are met:
 - a. The engine replacement is not subject to any requirements under Title IV of the Clean Air Act and is not a modification under Title I of the Clean Air Act;
 - b. The replacement engine is of the same make, model, horsepower rating, and configured to operate in the same manner as the engine being replaced.
 - c. The replacement engine meets all applicable requirements identified in this permit that apply to the existing engine being replaced.
 - d. All applicable requirements that apply to the replacement engine are already identified in the permit. Replacement of an existing engine identified in this permit with a new, modified, or reconstructed engine must utilize a Minor Permit Revision as specified in RAC 2-111(3) or a Significant Permit Revision as specified in RAC 2-111(4) to incorporate any new applicable requirements. The applicable requirements include, but may not be limited to:
 - i. Standards of Performance for Stationary Spark Ignition Internal Combustion Engines at 40 CFR Part 60, Subpart JJJJ;
 - ii. Standards of Performance for Stationary Compression Ignition Internal Combustion at 40 CFR Part 60, Subpart IIII;

- iii. National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines at 40 CFR Part 63, Subpart ZZZZ;
 - iv. Requirements established in a permit or permits issued pursuant to the Federal Minor New Source Review Program in Indian Country at 40 CFR Part 49;
 - v. Requirements established in a permit or permits issued pursuant to the Prevention of Significant Deterioration of Air Quality Program at 40 CFR Part 52; or
 - vi. Requirements established in any promulgated Federal Implementation Plan that may apply to engines located on the Southern Ute Indian Reservation.
2. The Permittee shall provide contemporaneous written notice to the Tribe and the Administrator of any replacement of an existing engine identified in this permit. Such notice shall state when the exchange occurred and shall describe the change and any applicable requirement that would apply as a result of the change.
 3. The Permittee shall keep a record of the engine exchange.

III.E. Permit Shield [RAC 2-110(10)(c)]

Nothing in this permit shall alter or affect the following:

1. The provisions of Section 303 of the Clean Air Act, 42 U.S.C. § 7603 concerning emergency powers, including the respective authorities of the Administrator under those sections;
2. The liability of a permittee for any violation of applicable requirements prior to or at the time of permit issuance;
3. The applicable requirements of the acid rain program consistent with section 408(a) of the Act; or
4. The ability of the Administrator respectively to obtain information from a source pursuant to Section 114 of the Clean Air Act, 42 U.S.C. § 7414.

IV. Part 70 Administrative Requirements

IV.A. Annual Fee Payment [RAC 2-110(1)(h) and RAC 2-118]

1. An annual operating permit emission fee shall be paid to the Tribe by the permittee. [RAC 2-118(2)]
2. The permittee shall pay the annual permit fee each year no later than April 1st for the preceding

calendar year, except that the first annual permit fee will cover the period from the issuance date of this permit through December 31 of the same year.

[RAC 2-118(2)]

3. Fee payments shall be remitted in the form of a money order, bank draft, certified check, corporate check, or electronic funds transfer payable to the Southern Ute Indian Tribe and sent or delivered by the United States Postal Service c/o Environmental Programs Division Part 70 Program, P.O. Box 737 MS #84, Ignacio, Colorado 81137; or by common carrier (such as UPS or FedEx) c/o Environmental Programs Division Part 70 Program, 398 Ouray Drive, Ignacio, Colorado 81137.

[RAC 2-118(4)(a)]

4. The permittee shall send an updated fee calculation worksheet submitted annually by the same deadline as required for fee payment to the address listed in the **Submissions** section of this permit.

[RAC 2-118]

5. Basis for calculating annual fee:

- a. Subtotal annual fees shall be calculated by multiplying the applicable emission fee set pursuant to RAC § 2-119(1) times the total tons of actual emissions for each fee pollutant. In absence of actual emissions data, calculate the annual fee based on the potential to emit (as defined at RAC 1-103(51)) for each fee pollutant. Emissions of any regulated air pollutant that already are included in the fee calculation under a category of regulated pollutant, such as a federally listed hazardous air pollutant that is already accounted for as a VOC or as PM10, shall be counted only once in determining the source's actual emissions.

[RAC 2-119(2)(a)]

- i. "Actual emissions" means the actual rate of emissions in tpy of any fee pollutant (for fee calculation) emitted from a title V source over the preceding calendar year or any other period determined by the Tribe to be more representative of normal operation and consistent with the fee schedule adopted by the Tribe and approved by the Administrator. Actual emissions shall be calculated using each emissions units actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year or other period used for this calculation.

[RAC 1-103(2)]

- ii. Actual emissions shall be computed using compliance methods required by the permit.

[RAC 2-118(1)(b)]

iii. If actual emissions cannot be determined using the compliance methods in the permit, the permittee shall use other federally recognized procedures.
[RAC 2-118(1)(b)]

b. The total annual fee submitted shall be the greater of the applicable minimum fee or the sum of subtotal annual fees for all fee pollutants emitted from the source.
[RAC 2-119(2)(b)]

[Explanatory note: The applicable emission fee amount and applicable minimum fee (if necessary) are revised each calendar year to account for inflation, and they are available from AQP prior to the start of each calendar year.]

c. The permittee shall exclude the following emissions from the calculation of fees:

- i. The amount of actual emissions of any one fee pollutant that the source emits in excess of 4,000 tons per year
- ii. Any emissions that come from insignificant activities not required in a permit application pursuant to RAC § 2-106(4).
[RAC 1-103(2)(c)]

6. Annual fee calculation worksheets shall be certified as to truth, accuracy, and completeness by a responsible official.
[RAC 2-105 and RAC 2-118(2)(c)]

7. Failure of the permittee to pay fees by the due date shall subject the permittee to assessment of penalties and interest in accordance with RAC § 2-118(6).
[RAC 2-118(6)]

8. When notified by the Tribe of underpayment of fees, the permittee shall remit full payment within 30 days of receipt of an invoice from the Tribe.
[RAC 2-119(3)(b)]

9. A permittee who thinks a Tribe assessed fee is in error and who wishes to challenge such fee shall provide a written explanation of the alleged error to the Tribe along with full payment of the assessed fee.
[RAC 2-119(3)(c)]

IV.B. Compliance Requirements

1. Compliance with the Permit

- a. The permittee must comply with all conditions of this part 70 permit. Any permit noncompliance with federally enforceable or Commission-only permit conditions constitutes a violation of the RAC and Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

[RAC 2-110(3)(a)]

- b. It shall not be a defense for a 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.

[RAC 2-110(3)(b)]

- c. All terms and conditions of this permit which are required under the Clean Air Act or under any of its applicable requirements, including any provisions designed to limit a source's potential to emit, are enforceable by the Administrator and citizens under the Clean Air Act, except terms and conditions the permit specifically designates as not being federally enforceable under the Clean Air Act that are not required under the Clean Air Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of RAC §§ 2-108, 2-111, 2-112, other than those contained in this paragraph.

[RAC 2-110(3)(f)]

- d. This permit, or the filing or approval of a compliance plan, does not relieve any person from civil or criminal liability for failure to comply with the provisions of the RAC and the Clean Air Act, applicable regulations thereunder, and any other applicable law or regulation.

[RAC 2-110(3)(g)]

- e. For the purpose of submitting compliance certifications in accordance with the Compliance Certifications condition below of this permit, or establishing whether or not a person has violated or is in violation of any requirement of this permit, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

[Section 113(a) and 113(e)(1) of the Act, 40 CFR §§ 51.212, 52.12, 52.33, 60.11(g), and 61.12]

2. Compliance Certifications

- a. The permittee shall submit to the Tribe and the Administrator an annual certification of compliance which shall certify the source's compliance status with all permit terms and conditions and all applicable requirements relevant to the source, including those related to

emission limitations, standards, or work practices. The compliance certification shall be certified as to truth, accuracy, and completeness by a responsible official consistent with RAC § 2-110(9)(a). The certification of compliance shall be submitted annually by April 1st and shall cover the preceding calendar year in which the certification of compliance is due, except that the first annual certification of compliance will cover the period from the issuance date of this permit through December 31st of the same year.

[RAC 2-110(9)(c)]

3. Compliance Schedule

a. For applicable requirements with which the source is in compliance, the source will continue to comply with such requirements.

[RAC 2-106(4)(1)(ii)]

b. For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis.

[RAC 2-106(4)(1)(iii)]

IV.C. Duty to Provide and Supplement Information [RAC 2-110(7)(e), 2-106(5), and 2-124]

1. The permittee shall furnish to the Tribe, within the period specified by the Tribe, any information that the Tribe request in writing to determine whether cause exists for reopening and revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Tribe copies of records that are required to be kept by the permit, including information claimed to be confidential. Information claimed to be confidential must be accompanied by a claim of confidentiality according to the provisions of RAC 2-124.

[RAC 2-110(7)(e) and RAC 2-124]

2. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application or in a supplemental submittal, shall promptly submit such supplementary facts or corrected information. In addition, a permittee shall provide additional information as necessary to address any requirements that become applicable after the date a complete application is filed, but prior to release of a draft permit.

[RAC 2-106(5)]

IV.D. Submissions [RAC 2-105]

1. Any application, form, report, compliance certification, or other document submitted by the permittee under this permit shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after

reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Explanatory Note: The Tribe has developed a reporting form “CTAC” for certifying truth, accuracy and completeness of part 70 submissions. The form may be found on the AQP’s website (http://www.southernute-nsn.gov/environmental_programs/air-quality).]

2. Except where otherwise noted, any documents required to be submitted under this permit, including reports, test data, monitoring data, notifications, compliance certifications, fee calculation worksheets, and applications for renewals and permit modifications shall be submitted:

by United States Postal Service:
Part 70 Program
Environmental Programs Division
Air Quality Program
P.O. Box 737 MS #84
Ignacio, Colorado 81137

or by Common Carrier:
Part 70 Program
Environmental Programs Division
Air Quality Program
398 Ouray Drive
Ignacio, CO 81137

IV.E. Severability Clause [RAC 1-106 and RAC 2-110(1)(f)]

1. The provisions of this permit are severable, and in the event of any challenge to any portion of this permit, or if any provision is held invalid, the remaining permit conditions shall remain valid and in force.

IV.F. Permit Actions [RAC 2-110(3)]

1. This permit may be modified, reopened and revised, revoked and reissued, or terminated for cause.

[RAC 2-110(3)(c)]

2. The filing by the permittee of a request for a permit revision, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance shall not stay any permit condition.

[RAC 2-110(3)(d)]

IV.G. Administrative Permit Revision [RAC 2-111(2)]

1. The permittee may submit an application for an administrative permit revision as defined in RAC § 1-103.

[RAC 2-111(2)(a)]

2. The permittee may implement an administrative permit revision immediately upon submittal of the request for the administrative revision.

[RAC 2-111(2)(c)]

[Note to permittee: If the provisions allowing for an administrative permit revision do not apply, please contact the Air Quality Program for a determination of similarity prior to submitting your request for an administrative permit revision.]

IV.H. Minor Permit Revisions [RAC 2-111(3)]

1. The permittee may submit an application for a minor permit revision as defined in RAC § 1-103.
2. An application requesting the use of minor permit revision procedures shall meet the requirements of RAC § 2-106(4) and shall include the following:
 - a. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - b. If changes are requested to the permit language, the permittee's suggested draft permit changes;
 - c. Certification by a responsible official, consistent with RAC § 2-105, that the proposed revision meets the criteria for use of minor permit revision procedures and a request that such procedures be used; and
 - d. Completed forms for the Tribe to use to notify the Administrator and affected programs as required under RAC § 2-108
 - e. If the requested permit revision would affect existing compliance plans or schedules, related progress reports, or certification of compliance requirements, and an outline of such effects.

[RAC 2-111(3)(a)]

3. The permittee shall not submit multiple minor permit revision applications that may conceal a larger revision that would not constitute a minor permit revision.

[RAC 2-111(3)(b)]

4. The permittee may make the change proposed in its minor permit revision application immediately after it files such application, provided, however, for sources that have previously utilized this provision during the term of the permit and, on two or more occasions have failed to file a complete application, may thereafter make the change only after the application is deemed complete. After the permittee makes the change and until the Tribe takes any of the actions

specified in the following subsection, the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period, the permittee need not comply with the existing permit terms and conditions it seeks to modify. If the permittee fails to comply with its proposed permit terms and conditions during this period, however, the existing permit terms and conditions it seeks to modify may be enforced against it.

[RAC 2-111(3)(e)]

5. The permit shield under RAC § 2-110(10) does not extend to minor permit revisions.

[RAC 2-110(10)(d)]

IV.I. Significant Permit Revisions [RAC 2-111(4)]

1. The permittee must request the use of significant permit revision procedures as defined in RAC § 1-103.
2. Significant permit revisions shall meet all requirements of the RAC for permit issuance and renewal, including those for applications, review by the Administrator and affected programs, and public participation.

[RAC 2-111(4), 2-109, and 2-106(3)]

IV.J. Permit Reopenings, Revocations and Reissuances, and Terminations [RAC 2-112]

1. The permit may be reopened and revised for any of the reasons listed in paragraphs a. through d. below. Alternatively, the permit may be revoked and reissued for the reasons listed in paragraphs c. and d. below:
 - a. Additional requirements under the Clean Air Act become applicable to a major source with a remaining permit term of 3 or more years, provided that the Tribe shall revise such permits to incorporate such additional requirements no later than 18 months after promulgation of such requirements, and no such reopening is required if the effective date of the requirement is later than the permit expiration date unless the original permit or any of its terms or conditions have been extended past the permit expiration date pursuant to RAC § 2-104(2)(b)(iii);
 - b. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit;
 - c. The Tribe or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the terms or conditions of the permit; or

- d. The Tribe or the Administrator determines that the permit must be revised or revoked and reissued to assure compliance with applicable requirements.
2. The permit may be terminated for any of the reasons in (a) through (g) below:
- a. The permittee fails to meet the requirements of an approved compliance plan;
 - b. The permittee has been in significant or repetitious noncompliance with the operating permit terms or conditions;
 - c. The permittee has exhibited a history of willful disregard for environmental laws of any tribal or state authority, or of the United States;
 - d. The permittee has knowingly misrepresented a material fact in any application, record, report, plan, or other document filed or required to be maintained under the permit;
 - e. The permittee falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under the permit;
 - f. The permittee fails to pay fees required under RAC §§ 2-118 and 2-119; or
 - g. The Administrator has found that cause exists to terminate the permit.

IV.K. Property Rights [RAC 2-110(3)(e)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

IV.L. Inspection and Entry [RAC 2-110(9)(b)]

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Tribe or other authorized representative to perform the following:

- 1. Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- 3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

4. As authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

IV.M. Emergency Situations [RAC 2-117]

1. The permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency as defined in RAC § 1-103. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and
 - d. The permittee reported the emergency to the Tribe in compliance with RAC § 2-110(7).

[RAC 2-117(1)]

2. In any enforcement preceding the permittee attempting to establish the occurrence of an emergency has the burden of proof.

[RAC 2-117(2)]

3. This emergency situation provision is in addition to any emergency or upset provision contained in any applicable requirement.

[RAC 2-117(3)]

IV.N. Permit Transfers [RAC 2-113]

This permit shall not be transferable, by operation of law or otherwise, from one location to another or from one source to another, except that a permit may be transferred from one location to another in the case of a portable source that has notified the Tribe in advance of the transfer, pursuant to the RAC. A permit for a source may be transferred from one person to another if the Tribe finds that the transferee is capable of operating the source in compliance with the permit. This transfer must be accomplished through an administrative permit revision in accordance with the Administrative Permit Revisions section of this permit.

IV.O. Off-Permit Changes [RAC 2-116(2)]

1. The permittee is allowed to make, without a permit revision, certain changes that are not addressed or prohibited by this permit provided that the following requirements are met:

- a. Each such change meets all applicable requirements and shall not violate any existing permit term or condition;
- b. Such changes are not subject to any requirements under title IV of the Clean Air Act and are not modifications under title I of the Clean Air Act;
- c. Such changes are not subject to permit revision procedures under RAC § 2-111; and
- d. The permittee provides contemporaneous written notice to the Tribe and the Administrator of each such change, except for changes that qualify as insignificant activities. Such notice shall state when the change occurred and shall describe the change, any resulting emissions change, pollutants emitted, and any applicable requirement that would apply as a result of the change.

[RAC 2-116(2)(a)]

2. The permit shield does not apply to changes made under this provision.

[RAC 2-110(10)(d)]

3. The permittee shall keep a record describing changes made at the source that result in emissions of any regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

[RAC 2-116(2)(b)]

IV.P. Permit Expiration and Renewal [RAC §§ 2-104(3), 2-106(2)(b), 2-107(7)(a), 2-107(7)(b), 2-110(1)(a), and 2-106(3)]

1. This permit shall expire five years from the effective date of this permit.

[RAC 2-110(1)(a)]

2. Expiration of this permit terminates the permittee's right to operate unless a timely and complete permit renewal application has been submitted at least 6 months but not more than 18 months prior to the date of expiration of this permit.

[RAC 2-107(7)(b)]

3. If the permittee submits a timely and complete permit application for renewal, consistent with RAC § 2-106 but the Tribe has failed to issue or disapprove a renewal permit before the end of the permit term, then the permit shall not expire and all its terms and conditions shall remain in effect until the renewal permit has been issued or disapproved.

[RAC 2-104(2)(b)]

4. The ability to operate under this permit shall cease if (1) the Tribe takes final action to issue the permittee a renewal permit or deny the permittee a permit or (2) the permittee fails to submit by

the deadline specified in writing by the Tribe any additional information identified as being needed to process the application.

[RAC 2-104(3)]

5. Renewal of this permit is subject to the same procedures, including those for public participation and affected program and EPA review, as those that apply to initial permit issuance.

[RAC 2-107(7)(a)]

6. The application for renewal shall include the current permit number, description of permit revisions and off permit changes that occurred during the permit term, any applicable requirements that were promulgated and not incorporated into the permit during the permit term, and other information required by the application form.

[RAC 2-106(4)(e)(ix)]

V. Appendix

V.A. Inspection Information

1. Driving Directions to the facility:

From Ignacio, go 12 miles northwest on State Highway 172. Turn left on County Road 307. Go south for 4.2 miles. La Plata A compressor station will be on the right.

2. Global Positioning System (GPS):

Latitude: 37.145756
Longitude: 107.787152

3. Safety Considerations:

Upon arrival at the site, visitors will need to sign in at the main office. Personal protective equipment (PPE) is required to be worn in the operations areas of the station. Required PPE includes: steel toed work boots, hard hat, safety glasses, flame retardant clothing or coverall, and hearing protection (in certain areas).