

Southern Ute Indian Tribe (SUIT) Air Quality Program (AQP)

SIMCOE, LLC – Treating Site #7 Central Delivery Point Full Compliance Evaluation (FCE) On-Site Inspection Report

Inspection Date: April 20, 2022.

Inspection Report Date: April 26, 2022.

SUIT Inspector(s): Meredith Breeden, Air Quality Compliance Specialist (AQCS)
David Heermance, Sr. ACQS
Andrew Switzer, Sr. AQCS

Company Representative: Erin Dunman, Environmental Engineer

Inspection Report Prepared By: Meredith Breeden, AQCS

Inspection Report Reviewed By: Danny Powers, AQP Manager

Last Inspection: On-site Inspection by SUIT on July 2, 2019.

I. General Information

A. Account Information

Permit No:	V-SUIT-0006-2019.01	Former Permit No:	V-SUIT-0006-2019.00
Account ID:	3-001	Expiration Date:	May 22, 2025.
Issue Date:	December 30, 2020.		

B. Administrative Information

Parent Company Name: SIMCOE, LLC.

Mailing Address: 1199 Main Ave. Suite 101
Durango, CO 81301

Plant Name: Treating Site #7 Central Delivery Point (CDP)

Plant Mailing Address: Same as company mailing address

Plant Location: Section SW¹/₄, NE¹/₄ Section 10, T32N, R10W
Latitude: 37.03201
Longitude: -107.917757

State: Colorado

County: La Plata County

Company Contact: Erin Dunman, Environmental Engineer **Phone:** 713-628-2073

Responsible Official: Devin Newby, Midstream Area Manager **Phone:** 970-563-4705

Tribal Contact: Daniel Powers, AQP Manager **Phone:** 970-563-2265

SIC Code: 1311

SCC: 31088801

NAICS: 211111

AFS Plant Identification No: 08-067-U0035

Regulations: 40 CFR Part 52.21

Other Clean Air Act Permits: EPA issued PSD Permit # PSD-SU-0011-95.00 on July 31, 1997 which was later amended on June 9, 1999. There are no other CAA permits issued to this facility.

II. Summary of Enforcement

A. Existing or Previous Enforcement Actions

There are no previous enforcement actions documented for this facility.

B. Current Compliance and Enforcement Status:

There were no violations or areas of concern determined during the facility inspection and records review.

III. Process Description

Treating Site #7 was formerly a central facility used to separate natural gas and water recovered from the coal matrix reservoirs of the Ignacio Blanco Fruitland field in the San Juan Basin. However, as part of a decommissioning project, the compressor packages were removed before 2010, and the generator engine, water injection package, and dehydrator skid package were removed on April 22, 2010. Currently, oily water is trucked to the tanks at the site, and the water and oil are heated for separation by TS-07-14 through 16. The separated water is transferred offsite for disposal, and the oil is transferred offsite to a third-party facility for disposal and/or recycling.

IV. Emissions

A. Site-wide Potential to Emit (PTE)

Table 1. Regulated Air Pollutants in Tons per Year

Emission Unit ID	Regulated Air Pollutants in tons per year (tpy)								
	NO _x	VOC	SO ₂	PM ₁₀	CO	Lead	Total HAPs	Largest Single HAP (CH ₂ O)	GHGs (CO ₂ e tpy)
Total IEUs	0.9	0.6	0.0	0.1	0.7	0.0	0.0	0.0	2,398.7
TOTAL	0.9	0.6	0.0	0.1	0.7	0.0	0.0	0.0	2,398.7

B. Annual Reported Actual Emissions

Table 2. 2016 – 2021 Actual Tons Per Year

Pollutant	2016 Actuals	2017 Actuals	2018 Actuals	2019 Actuals	2020 Actuals	2021 Actuals
NO _x	0.3294	0.2190	0.2196	N/R	0.1836	0.2190
CO	0.2767	0.0460	0.0461	N/R	0.0386	0.0460
VOC	0.0181	0.0000	0.0000	N/R	0.0000	0.0000
Formaldehyde	0.0002	0.0000	0.0000	N/R	0.0000	0.0000
Total HAPs	0.0002	0.0000	0.0000	N/R	0.0000	0.0000

N/R – Not Reported

V. Inspection Discussion

A. Purpose:

The purpose of this inspection was to conduct a scheduled FCE commensurate with the monitoring schedule outlined in the SUIT Compliance Monitoring Strategy dated August 28, 2020.

B. On-site Observations:

SUIT’s Sr. AQCS Andrew Switzer, Sr. AQCS David Heermance, and I, AQCS Meredith Breeden, arrived at facility at 9:54 a.m. MDT on Wednesday, April 20, 2022. We were met by SIMCOE representatives Erin Dunman, Environmental Engineer, and Mark Williams, SIMCOE Field Technician. We reviewed site-specific safety concerns for the day, which were none. I requested to conduct the inspection following the facility process flow.

The facility inspection consisted of conformation that significant emission units were decommissioned and removed (Table 3) as well as confirmation of insignificant emission units as identified in the facility’s Title V Operating Permit (Table 4).

Produced oily water is trucked to the facility where it is initially loaded into the 500 barrel (bbl) Gunbarrel oily water tank, after which it is heated for separation and sent between the two (2) 400 bbl lube oil tanks and the 400 bbl produced water tank identified in Table 4 below. The separated water is transferred offsite for disposal, and the oil is transferred offsite to a third-party facility for disposal and/or

recycling. During the inspection, I confirmed that tank heater insignificant emission units TS7-07, TS7-14, TS7-15, and TS-16 were on site and operating.

We departed the facility at 10:20 a.m. MDT.

C. File Review Observations:

Immediately after the facility walkthrough, AQCS Andrew Switzer, David Heermance and I, Meredith Breeden, conducted the records review with Ms. Dunman. I requested the following items as required by the Title V Operating Permit.

1. Has the PSD emissions inventory been submitted for calendar year 2021? *SIMCOE stated this was submitted with the annual emissions fee payment.*
2. Have there been any newly required applicability determinations? *SIMCOE stated there have not been any required new applicability determinations.*
3. Have there been any off-permit change submittals? *SIMCOE stated there have not been any required off-permit change submittals.*
4. Have there been any alternative operating scenarios at the facility? *SIMCOE stated there have not been any alternative operating scenarios since the last inspection date of July 2, 2019.*
5. Have there been any engine replacements since the last inspection date of July 2, 2019? *SIMCOE stated there have not been any engine replacements.*
6. Have there been any deviations at the facility? *SIMCOE stated there have not been any deviations.*
7. Are there any required administrative permit revisions? *SIMCOE stated there was change of ownership in February of 2019 (Attachment C).*
8. Are there any required minor permit revisions? *SIMCOE stated there have not been any required minor permit revisions.*
9. Are there any required significant permit revisions? *SIMCOE stated there have not been any required significant permit revisions.*

D. Discussion

BP America Production Company (BP) transferred ownership of the facility to SIMCOE in February of 2020. On November 19, 2020, SIMCOE submitted a change of ownership administrative revision request for the Title V permit (Attachment C). The compliance period evaluated in this inspection report is from August 28, 2019, to August 18, 2021. There may be instances where compliance evaluations overlap between the two operators of this facility.

VI. Emission Unit Compliance Status Overview

A. Table 3. Emission Units

Emission Unit ID.	Description	Observations	Status
*TS7-2	1 – Waukesha F11-GSI Natural Gas-Fired Pump Engine, 225hp		Removed
*TS7-3	1 – Waukesha F817-G Natural Gas-Fired Generator Engine, 108 hp		Removed
*TS7-4 *TS7-5	2 – Waukesha F2895-G Natural Gas-Fired Compressor Engine, 421 hp		Removed
*TS7-6	1 – Waukesha L5790-GSI Natural Gas-Fired Compressor Engine, 1,215 hp		Removed

*According to SIMCOE these units have been permanently removed from the facility. However, these units remain listed in the Part 70 permit as they are still listed in the PSD permit for this facility.

**The inspection information for each emission unit is included in Attachment B.

B. Table 4. Insignificant Emission Units

Emission Unit ID.	Description	Status
TS7-7, TS7-14, TS7- 15, TS7-16	4 - 500 Mbtu/hr Tank Heaters	Verified
TS7-12	N/A - Fugitive Emissions	
N/A	1 - 12 Mbtu/hr Catalytic Space Heater	Verified
N/A	1 - 400 bbl Produced Water Tank	Verified
N/A	1 - 500 bbl Gunbarrel (Oily Water Mix)	Verified
N/A	1 - 95 bbl Sump Tank	Verified
N/A	2 - 400 bbl Lube Oil Tank	Verified
*TS7-11	1 - 600 Mbtu/hr Reboiler #2	Removed
*TS7-8, TS7-9, TS7-10, TS7-13	4 - 500 Mbtu/hr Tank Heaters	Removed

*The inspection information for each insignificant emission unit is included in Attachment B.

VII. Operating Permit Provision Review

Note – Please Reference Operating Permit No. V-SUIT-0006-2019.01 for unabridged list of requirements

Section II – General Requirements

1. Title V Administrative Requirements

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

1.1.1. An annual operating permit emission fee shall be paid to the Tribe by the permittee. [RAC 2-118(2)]

1.1.2. The permittee shall pay the annual permit fee each year no later than April 1st for the preceding calendar year. [RAC 2-118(2)]

1.1.3. 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)]

- 1.1.4.** 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]
- 1.1.5.** Basis for calculating annual fee:
- 1.1.5.1.** 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)]
- 1.1.5.1.1.** "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)]
- 1.1.5.1.2.** Actual emissions shall be computed using compliance methods required by the permit. [RAC 2-118(1)(b)]
- 1.1.5.1.3.** 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)]
- 1.1.5.2.** 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)]
- 1.1.5.3.** The permittee shall exclude the following emissions from the calculation of fees: [RAC 1-103(2)(c)]
- 1.1.5.3.1.** The amount of actual emissions of any one fee pollutant that the source emits in excess of 4,000 tons per year
- 1.1.5.3.2.** Any emissions that come from insignificant activities not required in a permit application pursuant to RAC § 2-106(4).
- 1.1.6.** 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)]
- 1.1.7.** 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)]

- 1.1.8. 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)]
- 1.1.9. 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)]

Status: PROVISION NOT APPLICABLE. SIMCOE does not contribute emissions above the reportable emissions guidelines, and as such is not required to submit annual emission fee payments. SIMCOE has submitted cover letters and emissions inventories to verify this for each year evaluated.

1.2. Compliance Requirements

1.2.1. Compliance with the Permit

- 1.2.1.1. 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)]
- 1.2.1.2. 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)]
- 1.2.1.3. 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)]
- 1.2.1.4. 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)]
- 1.2.1.5. 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]

1.2.2. Compliance Certifications

- 1.2.2.1. 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)]

1.2.3. Compliance Schedule

- 1.2.3.1.** For applicable requirements with which the source is in compliance, the source will continue to comply with such requirements. [RAC 2-106(4)(l)(ii)]
- 1.2.3.2.** 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)(l)(iii)]

Status: IN COMPLIANCE. SIMCOE and BP submitted the annual compliance certification reports before April 1 due date of each following year as shown in Table 5.

Table 5. Annual Compliance Certification Report Submission Analysis

Reporting Period	Submission Deadline	Submission Date
January 1 – December 31, 2019	April 1, 2020	March 31, 2020
January 1 – December 31, 2020	April 1, 2021	March 30, 2021
January 1 – December 31, 2021	April 1, 2022	March 1, 2022

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

- 1.3.1.** 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]
- 1.3.2.** 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)]

Status: IN COMPLIANCE. SIMCOE provided all requested documents during the records review.

1.4. Submissions [RAC 2-105]

- 1.4.1.** 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.

1.4.2. 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 email at: airquality@southernute-nsn.gov

or 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

Status: *IN COMPLIANCE*. All submitted documents reviewed during the inspection were accompanied by a CTAC signed by a responsible official.

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

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.

Status: *PROVISIONS NOT EVALUATED*. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

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

1.6.1. This permit may be modified, reopened and revised, revoked and reissued, or terminated for cause. [RAC 2-110(3)(c)]

1.6.2. 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)]

Status: *PROVISIONS NOT EVALUATED*. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

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

1.7.1. The permittee may submit an application for an administrative permit revision as defined in RAC § 1-103. [RAC 2-111(2)(a)]

1.7.2. The permittee may implement an administrative permit revision immediately upon submittal of the request for the administrative revision. [RAC 2-111(2)(c)]

Status: *IN COMPLIANCE*. BP America Production Company transferred ownership of the facility to SIMCOE in February of 2020. On November 19, 2020, SIMCOE submitted a change of ownership administrative revision for the Title V permit.

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

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

- 1.8.2.** An application requesting the use of minor permit revision procedures shall meet the requirements of RAC § 2-106(4) and shall include the following: [RAC 2-111(3)(a)]
- 1.8.2.1.** A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - 1.8.2.2.** If changes are requested to the permit language, the permittee’s suggested draft permit changes;
 - 1.8.2.3.** 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
 - 1.8.2.4.** Completed forms for the Tribe to use to notify the Administrator and affected programs as required under RAC § 2-108
 - 1.8.2.5.** 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.
- 1.8.3.** 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)]
- 1.8.4.** 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)]
- 1.8.5.** The permit shield under RAC § 2-110(10) does not extend to minor permit revisions. [RAC 2-110(10)(d)]

Status: IN COMPLIANCE. SIMCOE and BP did not report any minor permit revisions in the compliance period evaluated from July 2, 2019, to April 20, 2022.

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

- 1.9.1.** The permittee must request the use of significant permit revision procedures as defined in RAC § 1-103.
- 1.9.2.** 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)]

Status: IN COMPLIANCE. SIMCOE and BP did not report any minor permit revisions in the compliance period evaluated from July 2, 2019, to April 20, 2022.

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

1.10.1. The permit may be reopened and revised for any of the reasons listed in the paragraphs below. Alternatively, the permit may be revoked and reissued for the reasons listed in the paragraphs below:

1.10.1.1. 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);

1.10.1.2. 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;

1.10.1.3. 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

1.10.1.4. The Tribe or the Administrator determines that the permit must be revised or revoked and reissued to assure compliance with applicable requirements.

1.10.2. The permit may be terminated for any of the reasons listed below:

1.10.2.1. The permittee fails to meet the requirements of an approved compliance plan;

1.10.2.2. The permittee has been in significant or repetitious noncompliance with the operating permit terms or conditions;

1.10.2.3. The permittee has exhibited a history of willful disregard for environmental laws of any tribal or state authority, or of the United States;

1.10.2.4. 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;

1.10.2.5. The permittee falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under the permit;

1.10.2.6. The permittee fails to pay fees required under RAC §§ 2-118 and 2-119; or

1.10.2.7. The Administrator has found that cause exists to terminate the permit.

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

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

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

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

1.12. 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:

- 1.12.1. 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;
- 1.12.2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- 1.12.3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- 1.12.4. 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.

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

1.13. Emergency Situations [RAC 2-117]

1.13.1. 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: [RAC 2-117(1)]

- 1.13.1.1. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
- 1.13.1.2. The permitted facility was at the time being properly operated;
- 1.13.1.3. 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
- 1.13.1.4. The permittee reported the emergency to the Tribe in compliance with RAC § 2-110(7).

1.13.2. In any enforcement preceding the permittee attempting to establish the occurrence of an emergency has the burden of proof. [RAC 2-117(2)]

1.13.3. This emergency situation provision is in addition to any emergency or upset provision contained in any applicable requirement. [RAC 2-117(3)]

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

1.14. Permit Transfers [RAC 2-113]

1.14.1. 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.

Status: *PROVISIONS NOT EVALUATED.* These permit provisions are not evaluated for compliance demonstration in this facility inspection.

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

1.15.1. 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: [RAC 2-116(2)(a)]

1.15.1.1. Each such change meets all applicable requirements and shall not violate any existing permit term or condition;

1.15.1.2. 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;

1.15.1.3. Such changes are not subject to permit revision procedures under RAC § 2-111; and

1.15.1.4. 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.

1.15.2. The permit shield does not apply to changes made under this provision. [RAC 2-110(10)(d)]

1.15.3. 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)]

1.15.4. A copy of each off-permit change notification shall be made available to the Tribe upon request. [RAC 2-110(6)]

Status: *IN COMPLIANCE.* SIMCOE and BP did not report any off-permit revisions in the compliance period evaluated from July 2, 2019, to April 20, 2022.

1.16. 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)]

1.16.1. This permit shall expire five years from the issuance date of this permit. [RAC 2-110(1)(a)]

1.16.2. 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)]

1.16.3. 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)]

- 1.16.4.** 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)]

- 1.16.5.** 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)]

- 1.16.6.** 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)]

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

2. 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)]

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

The permittee shall comply with the following generally applicable recordkeeping requirements: [40 CFR 63.10(b)(3)]

- 2.1.1.** 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, for a period of five years after the determination, or until the source changes its operations to become an affected source, whichever comes first. Each of these records shall be made available to the Tribe upon request. 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).

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

Status: IN COMPLIANCE. During the records review SIMCOE and BP stated there have not been any required applicability determinations or off-permit changes at the facility.

2.2. General Reporting Requirements

- 2.2.1.** 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. 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)]

- 2.2.2.** “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: [RAC 1-103(21)]
- 2.2.2.1.** A situation where emissions exceed an emission limitation or standard;
 - 2.2.2.2.** A situation where process or emissions control device parameter values indicate that an emission limitation or standard has not been met; or
 - 2.2.2.3.** 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.
 - 2.2.2.4.** A situation in which an exceedance or an excursion, as defined in 40 CFR Part 64 occurs.
- 2.2.3.** 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 deviation reports shall be submitted to the following email address: airquality@southernute-nsn.gov
- 2.2.4.** “Prompt” is defined as follows:
- 2.2.4.1.** 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.
 - 2.2.4.2.** 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: [RAC 2-110(7)(b)]
 - 2.2.4.2.1.** 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;
 - 2.2.4.2.2.** 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;
 - 2.2.4.2.3.** For all other deviations from permit requirements, the report shall be contained in the report submitted with the semi-annual monitoring report.

Status: PROVISIONS NOT APPLICABLE. SIMCOE's Treating Site #7 is not subject to monitoring requirements, and as such is not required to submit semi-annual monitoring reports.

2.3. Alternative Operating Scenarios [RAC 2-110(8)]

2.3.1. Replacement of an existing engine or 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:

2.3.1.1. The engine or 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;

2.3.1.2. The replacement engine or turbine is of the same make, model, horsepower rating, and configured to operate in the same manner as the engine or turbine being replaced.

2.3.1.3. The replacement engine or turbine meets all applicable requirements identified in this permit that apply to the existing engine or turbine being replaced.

2.3.1.4. All applicable requirements that apply to the replacement engine or turbine are already included in the permit. Replacement of an existing engine or turbine 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:

2.3.1.4.1. Standards of Performance for Stationary Compression Ignition Internal Combustion at 40 CFR Part 60, Subpart IIII;

2.3.1.4.2. Standards of Performance for Stationary Spark Ignition Internal Combustion Engines at 40 CFR Part 60, Subpart JJJJ;

2.3.1.4.3. National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines at 40 CFR Part 63, Subpart ZZZZ;

2.3.1.4.4. Standards of Performance for Stationary Gas Turbines at 40 CFR Part 60, Subpart GG;

2.3.1.4.5. Standards of Performance for Stationary Combustion Turbines at 40 CFR Part 60, Subpart KKKK;

2.3.1.4.6. National Emission Standard for Hazardous Air Pollutants for Stationary Combustion Turbines at 40 CFR Part 63, Subpart YYYY;

2.3.1.4.7. 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;

2.3.1.4.8. 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

2.3.1.4.9. Requirements established in any promulgated Federal Implementation Plan that may apply to engines located on the Southern Ute Indian Reservation.

- 2.3.2. The permittee shall provide contemporaneous written notice to the Tribe and the Administrator of any replacement of an existing engine or turbine identified in this permit. Such notice shall state when the replacement occurred and shall describe the replacement and any applicable requirement that would apply as a result of the replacement.
- 2.3.3. The permittee shall keep a record of the engine or turbine replacement.
- 2.3.4. The use of a backup thermal oxidizer with equivalent capacity and emission destruction efficiency and configured to operate in the same manner as the primary thermal oxidizer shall be an allowed alternative operating scenario under this permit provided that the following conditions are met:
 - 2.3.4.1. Any emission limits, requirements, testing or other provisions that apply to the primary thermal oxidizer shall also apply to the backup thermal oxidizer except that an annual performance test shall only be conducted on the backup thermal oxidizer if the unit operates for more than 500 hours in any calendar year.
 - 2.3.4.2. At no time shall the backup thermal oxidizer operate at the same time the primary thermal oxidizer is operating except periods of transition between the primary and backup thermal oxidizers. Transition events shall be documented, last no more than 30 minutes in duration, and will be reported as excess emission events.

Status: IN COMPLIANCE. BP America Production Company transferred ownership of the facility to SIMCOE in February of 2020. On November 19, 2020. SIMCOE submitted a change of ownership administrative revision request for the Title V permit.

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

Nothing in this permit shall alter or affect the following:

- 2.4.1. 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;
- 2.4.2. The liability of a permittee for any violation of applicable requirements prior to or at the time of permit issuance;
- 2.4.3. The applicable requirements of the acid rain program consistent with section 408(a) of the Act; or
- 2.4.4. 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.

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

2.5. Stratospheric Ozone and Climate Protection [40 CFR Part 82]

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:

- 2.5.1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR §82.156.
- 2.5.2. 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.

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

Status: PROVISIONS NOT EVALUATED. These permit provisions are not evaluated for compliance demonstration in this facility inspection.

Section III – Site Specific Permit Terms

- 1. Reserved - New Source Performance Standards (NSPS) and 40 CFR Part 60**
- 2. Reserved - National Emission Standards for Hazardous Air Pollutants (NESHAP) and 40 CFR Part 63**
- 3. Reserved – Tribal Minor New Source Review**
- 4. Prevention of Significant Deterioration Requirements**
 - 4.1 40 CFR Part 52.21 PSD Requirements [PSD permit PSD-SU-0011-95.01]**

4.1.1. PSD permit PSD-SU-0011-95.01 applies to the following units:

- TS7-2* – Waukesha F11-GSI Natural Gas-Fired Pump Engine, 225 Brake HP
- TS7-3* – Waukesha F817-G Natural Gas-Fired Generator Engine, 108 Brake HP
- TS7-4* – Waukesha F2895-G Natural Gas-Fired Compressor Engine, 421 Brake HP
- TS7-5* – Waukesha F2895-G Natural Gas-Fired Compressor Engine. 421 Brake HP
- TS7-6* – Waukesha L5790-GSI Natural Gas-Fired Compressor Engine, 1,215 Brake HP
- TS7-7 – Tank Heater #1, 500 MBtu/hr
- TS7-8* – Tank Heater #2, 500 MBtu/hr
- TS7-9* – Tank Heater #3, 500 MBtu/hr
- TS7-10* – Tank Heater #4, 500 MBtu/hr
- TS7-11* – Reboiler #2, 600 MBtu/hr
- TS7-12* – Fugitives

*According to SIMCOE, these units have been permanently removed from TS-07.

4.1.2. Emission Limitations

- 4.1.2.1.** The permittee shall limit emissions from the source to those in the tables below:

PSD Emission Limits

Unit ID	NO _x			CO			VOC		
	Emission Factor	(lbs/hr)	(tpy)	Emission Factor	(lbs/hr)	(tpy)	Emission Factor	(lbs/hr)	(tpy)
TS7-2*	24.0 g/hp-hr	11.9	52.1	30.6 g/hp-hr	15.1	66.3	0.004 g/hp-hr	<0.01	0.01
TS7-3*	16.0 g/hp-hr	3.8	16.7	34.0 g/hp-hr	8.1	35.4	0.005 g/hp-hr	<0.01	0.01
TS7-4*	18.0 g/hp-hr	16.7	73.2	28.0 g/hp-hr	26.0	113.8	0.005 g/hp-hr	<0.01	0.02
TS7-5*	1.0 g/hp-hr	0.9	4.1	2.0 g/hp-hr	1.9	8.1	0.003 g/hp-hr	<0.01	0.01
TS7-6*	1.0 g/hp-hr	2.7	11.7	2.0 g/hp-hr	5.4	23.5	0.003 g/hp-hr	0.01	0.04
TS7-7	95.0 lb/MMscf	0.05	0.22	19.95 lb/MMscf	0.01	0.05	0.02 lb/MMscf	<0.01	<0.01
TS7-8*	95.0 lb/MMscf	0.05	0.22	19.95 lb/MMscf	0.01	0.05	0.02 lb/MMscf	<0.01	<0.01
TS7-9*	95.0 lb/MMscf	0.05	0.22	19.95 lb/MMscf	0.01	0.05	0.02 lb/MMscf	<0.01	<0.01
TS7-10*	95.0 lb/MMscf	0.05	0.22	19.95 lb/MMscf	0.01	0.05	0.02 lb/MMscf	<0.01	<0.01
TS7-11*	95.0 lb/MMscf	0.06	0.26	19.95 lb/MMscf	0.01	0.05	0.02 lb/MMscf	<0.01	<0.01
TS7-12								0.01	0.04
Totals		36.26	158.94		56.55	247.36		0.02	0.13

*According to BP, these units have been permanently removed from Treating Site #7. However, these units remain listed in the Part 70 permit as they are still listed in the PSD permit for this facility.

PSD Emission Limits (Continued)

Unit ID	SO ₂			PM ₁₀		
	Emission Factor	(lbs/hr)	(tpy)	Emission Factor	(lbs/hr)	(tpy)
TS7-2*	0.002 g/hp-hr	<0.01	<0.01	0.01 g/hp-hr	<0.01	0.02
TS7-3*	0.002 g/hp-hr	<0.01	<0.01	0.01 g/hp-hr	<0.01	0.01
TS7-4*	0.002 g/hp-hr	<0.01	0.01	0.01 g/hp-hr	0.01	0.04
TS7-5*	0.002 g/hp-hr	<0.01	0.01	0.01 g/hp-hr	0.01	0.04
TS7-6*	0.002 g/hp-hr	<0.01	0.02	0.01 g/hp-hr	0.03	0.12
TS7-7	0.57 lb/MMscf	<0.01	<0.01	11.4 lb/MMscf	0.01	0.03
TS7-8*	0.57 lb/MMscf	<0.01	<0.01	11.4 lb/MMscf	0.01	0.03
TS7-9*	0.57 lb/MMscf	<0.01	<0.01	11.4 lb/MMscf	0.01	0.03
TS7-10*	0.57 lb/MMscf	<0.01	<0.01	11.4 lb/MMscf	0.01	0.03
TS7-11*	0.57 lb/MMscf	<0.01	<0.01	11.4 lb/MMscf	0.01	0.03
TS7-12						
Totals		<0.01	0.04		0.1	0.42

*According to BP, these units have been permanently removed from Treating Site #7. However, these units remain listed in the Part 70 permit as they are still listed in the PSD permit for this facility.

4.1.3. Operating Requirements

4.1.3.1. The Applicant shall limit emissions from the source to those in the PSD Emission Limits table above.

4.1.3.2. At all times, including periods of startup (except for replacement/overhauled engines), shut-down, and equipment malfunction, the Source, to the extent practical, shall be maintained and operated in a manner consistent with good air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator, which may include, but not be limited to monitoring results, review of

operating and maintenance procedures, manufacture's specifications, industry practices, or inspection of the Source.

Status: IN COMPLIANCE. During the facility inspection and records review, no deviations to these permit provisions were determined.

4.1.4. Testing Requirements

- 4.1.4.1.** Compliance with emissions limits of PSD Permit PSD-SU-0011-95.01 for any engine type may be determined by emission tests, when required by EPA and the Tribe. The engine testing protocol approved by EPA and used for the initial compliance tests shall be used by the Applicant during any emission tests, unless the Applicant chooses to use a different engine Testing Protocol. Any other engine Testing Protocols, not approved by EPA, must be submitted to EPA for approval prior to performing emissions tests.
- 4.1.4.2.** These emissions tests shall be performed in accordance with the test methods specified in 40 CFR Part 60, Appendix A. EPA Reference Method 7 shall be used to measure NO_x emissions and EPA Reference Method 10 shall be used to measure CO emissions, unless alternative methods are approved by the Administrator.
- 4.1.4.3.** The Applicant shall provide EPA and the Tribe with at least 30 (thirty) calendar days prior notice (in writing) of any emissions test required by this permit, in order to give EPA and the Tribe the opportunity to observe the test; unless a shorter timeframe is agreed upon by the Applicant and EPA.

Status: PROVISION NOT APPLICABLE. SIMCOE has removed emission units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. from the site.

4.1.5. Monitoring Requirements

- 4.1.5.1.** The Applicant shall measure NO_x and CO emissions from the controlled (Units TS7-5 and TS7-6) compressor engines at least once every calendar quarter beginning the first calendar quarter after the Applicant's submittal of initial compliance test results to EPA. Upon demonstration of compliance with the permit limits set forth in the PSD Emission Limits table above for six (6) consecutive calendar quarters, the Applicant may conduct NO_x and CO monitoring for these engines on a semi-annual basis.
- 4.1.5.2.** The Applicant shall measure NO_x and CO emissions from the uncontrolled (Units TS7-2, TS7-3, and TS7-4) compressor engines at least once every semi-annual period (January 1 – June 30 and July 1 – December 31) beginning the first semi-annual period after the Applicant's submittal of initial compliance test results to EPA.
- 4.1.5.3.** To meet the monitoring requirements above, the Applicant shall measure the NO_x and CO emissions from each engine using a portable analyzer and monitoring protocol approved by EPA.
- 4.1.5.4.** The Applicant shall not conduct NO_x and CO emissions monitoring on the engines (TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6) that have not been operated during the specified monitoring period. The Applicant must certify that the engine(s) did not operate during

the specified monitoring period and maintain this certification in accordance with the recordkeeping requirements listed below.

Status: PROVISION NOT APPLICABLE. SIMCOE has removed emission units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. from the site.

4.1.6. Recordkeeping Requirements

4.1.6.1. The Applicant shall keep a record of all emissions monitoring and compliance tests required by this permit. The record shall include:

4.1.6.1.1. The date, place, and time of sampling or monitoring;

4.1.6.1.2. The date(s) the analyses were performed;

4.1.6.1.3. The company or entity that performed the analyses;

4.1.6.1.4. The analytical techniques or methods used;

4.1.6.1.5. The results of such analyses; and

4.1.6.1.6. The operating conditions that existed at the time of sampling or monitoring.

4.1.6.2. The Applicant shall keep records of the maintenance activities performed at the Source and make them available for review. Such records should be sufficient to establish the level of maintenance performed and may be maintained at either the field location or at the Applicant's nearest regularly manned facility.

Status: PROVISION NOT APPLICABLE. SIMCOE has removed emission units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. from the site.

4.1.7. Reporting Requirements

4.1.7.1. The Applicant shall submit a written report of any initial compliance test results for replacement/overhauled engines installed at the Source and for any engine compliance tests required by EPA. This emissions test report shall be submitted to EPA and the Tribe along with the next semi-annual monitoring results report due to be submitted and referenced in the paragraph below.

4.1.7.2. The applicant shall submit a written report containing the emissions monitoring results for Units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. This report shall be submitted semi-annually to EPA and the Tribe by January 31 and July 31 each year.

4.1.7.3. Except for replacement/overhauled engines which are addressed in the [Compressor Engine Replacement/Overhaul](#) section, the Applicant shall keep a record of any excess emissions that occur during periods of startup, shut-down, equipment malfunction, or upset conditions, for any reason. Malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

For each occurrence of excess emissions, all of the following shall be provided to EPA and the Tribe in writing and submitted with the semi-annual reports:

- 4.1.7.3.1. The identity of the stack or emission point where excess emissions occurred;
- 4.1.7.3.2. The magnitude of excess emissions expressed in terms of permit conditions;
- 4.1.7.3.3. The time and duration of excess emissions;
- 4.1.7.3.4. The reason(s) for the excess emissions;
- 4.1.7.3.5. Steps and procedures taken to minimize excess emissions;
- 4.1.7.3.6. Steps and procedures taken or anticipated to be taken to prevent reoccurrence of the excess emissions.

Even if the reporting and other requirements of this section are satisfied, the Source will be considered to be in violation of the permit if EPA and/or the Tribe determines that the information submitted does not evidence a malfunction, upset condition, startup, or shut-down and the Source exceeded the emission limits shown in the [PSD Emission Limits](#) table.

Status: PROVISION NOT APPLICABLE. SIMCOE has removed emission units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. from the site.

4.1.8. Emissions Inventory

- 4.1.8.1. The Applicant shall submit an annual emission inventory for the Source to EPA by March 1 of each year for all point source air emissions released during the January 1 to December 31 of the previous year.
- 4.1.8.2. The emissions inventory shall contain the information listed below:
 - 4.1.8.2.1. Year of record for emissions
 - 4.1.8.2.2. Plant name
 - 4.1.8.2.3. Plant location/street address
 - 4.1.8.2.4. City, State, and zip code
 - 4.1.8.2.5. Plant latitude
 - 4.1.8.2.6. Plant longitude
 - 4.1.8.2.7. UTM description (section, township, range)
 - 4.1.8.2.8. Primary SIC code

- 4.1.8.2.9.** SCC number
 - 4.1.8.2.10.** Principal product
 - 4.1.8.2.11.** Plant contact and telephone number
 - 4.1.8.2.12.** Estimated hours of operation per year of each point source
 - 4.1.8.2.13.** Estimated amount for fuel consumed by each point source
 - 4.1.8.2.14.** Stack height (ft) of each point source
 - 4.1.8.2.15.** Stack diameter (ft) of each point source
 - 4.1.8.2.16.** Temperatures of exit gases (degrees F) from each engine stacks
 - 4.1.8.2.17.** Exhaust gas flow rate (ACFM) from each engine stack
 - 4.1.8.2.18.** Exit gas velocity (ft//sec) from each engine stack
 - 4.1.8.2.19.** CAS code for each pollutant
 - 4.1.8.2.20.** Measured emissions (lbs/day and TPY) for each point source that is tested
 - 4.1.8.2.21.** Calculated emissions (lbs/day and TPY) for each point source not tested
 - 4.1.8.2.22.** Emission factors used to calculate emissions
 - 4.1.8.2.23.** Permit emission limits (lbs/day and TPY) for each point source
 - 4.1.8.2.24.** Point source design capacity (i.e. engine brake horsepower and burner Btu rating)
 - 4.1.8.2.25.** Actual average point source capacity operation (i.e. engines derated brake horsepower)
 - 4.1.8.2.26.** Type of control device and its efficiency for each point source (if applicable)
 - 4.1.8.2.27.** Hours of uncontrolled operation of engines due to engine replacement/overhaul
- 4.1.9.** All records, reports, notifications, and support information (i.e. testing, monitoring, measurements, observations, maintenance activities, etc.) compiled in accordance with this permit must be maintained by the Applicant as a permanent business record for at least five (5) years following the date of the record/report, must be available at the Applicant's nearest regularly manned facility for inspection by EPA and the Tribe, and must be submitted to EPA or the Tribe upon request.

Status: IN COMPLIANCE. SIMCOE submitted the annual emissions inventory before the required April 1 due date.

4.1.10. Compressor Engine Replacement/Overhaul

- 4.1.10.1.** The Applicant may replace an existing permitted engine requiring a complete overhaul with a new or overhauled engine of the same make, model, horsepower rating, and configuration. Such a like-kind replacement engine will be configured for operation in the same manner as the engine being replaced. Each like-kind replacement engine shall have equivalent types of air emissions control devices installed as the engine being replaced including, but not limited to, non-selective catalytic reduction (NSCR) devices and air-to-fuel ratio controllers.

- 4.1.10.2.** The Applicant shall be allowed to operate the replacement/overhauled engine without the use of the catalytic converter assembly for a period not to exceed 200 hours from engine startup, unless a longer time period has been approved by EPA, in writing. The Applicant must keep a record of the number of hours of operation of the uncontrolled replacement/overhauled engine and submit this information to EPA and the Tribe with the initial compliance demonstration test report per the [Reporting Requirements](#) section.

- 4.1.10.3.** The Applicant shall conduct a compliance demonstration test on the replacement/overhauled engine. The compliance demonstration shall measure NOx and CO emissions from the replaced/overhauled engine using a portable analyzer and monitoring protocol approved by EPA. This demonstration shall be conducted within 60 (sixty) calendar days of engine start-up.

- 4.1.10.4.** The Applicant shall provide notice to EPA and the Tribe of such compliance demonstration testing in accordance with the provisions of the performance test notification section. The Applicant shall adhere to the recordkeeping and reporting requirements of [Recordkeeping Requirements](#) and [Reporting Requirements](#) sections, for the compliance demonstration of the replacement/overhauled engine.

Status: PROVISION NOT APPLICABLE. SIMCOE has removed emission units TS7-2, TS7-3, TS7-4, TS7-5, and TS7-6. from the site.

5. Reserved – Consent Decree Requirements

6. Reserved – Compliance Assurance Monitoring (CAM) Requirements

7. Enhanced Monitoring, Recordkeeping, and Reporting

7.1. Any documents required to be submitted under this Title V operating permit, including but not limited to, reports, test data, monitoring data, notifications, compliance certifications, fee calculation worksheets, and applications for renewals and permit modifications shall be submitted to the Tribe:

by email at: airquality@southernute-nsn.gov

or 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

VIII. Findings and Recommendations

There were no violations or areas of concern documented during the on-site inspection of the facility and subsequent records review.

This inspection report does not claim a source is in full compliance with all applicable permit conditions or all Clean Air Act requirements.

Meredith Breeden

Meredith Breeden, Air Quality Compliance Specialist

4/26/2022

Date

Danny J. Powers

Danny Powers, Air Quality Program Manager

4/26/2022

Date

Andrew Switzer

Andrew Switzer, Quality Reviewer

4/26/2022

Date

David S. Heermance

David S. Heermance, Quality Reviewer

4/26/2022

Date

Crystal Kelly

Crystal Kelly, ICIS Entry

4/26/2022

Date