Southern Ute Indian Tribe
Environmental Programs Department
Air Quality Division
71 Mike Frost Way
Ignacio CO, 81137

Air Pollution Control
Synthetic Minor Source Permit to Construct

40 CFR 49.151

 # SMNSR-SU-000010-2020.006B

Permit to Construct to establish legally and practically enforceable limitations and requirements on sources at an existing facility

Permittee:

Red Cedar Gathering Company

Permitted Facility:

Arkansas Loop and Simpson Treating Plants
Southern Ute Indian Reservation
La Plata County, Colorado

Effective Date:

December 18, 2025

Summary

The Arkansas Loop and Simpson Treating Plants (Arkansas Loop) are located within the exterior boundaries of the Southern Ute Indian reservation in Colorado. The plants provide natural gas field compression, carbon dioxide (CO_2) removal, and dehydration to remove entrained water vapor from the gas stream. The natural gas comes from upstream coal-bed methane production wells and compressor stations connected to a gathering pipeline system to the inlet of the facilities.

Upon compliance with this synthetic MNSR permit, the legally and practicably enforceable emissions limitations can be used when determining the applicability of National Emission Standards for Hazardous Air Pollutants (NESHAP) Subparts HH and ZZZZ, as well as other Clean Air Act (CAA) requirements, such as the Title V Operating Permit Program at 40 CFR Part 70 (Part 70), in accordance with the Southern Ute Indian Tribe's (SUIT's) Environmental Protection Agency (EPA)-approved Part 70 Operating Permit Program, and other NESHAP at 40 CFR Part 63.

On June 11, 2024, the EPA and the Southern Ute Indian Tribe (Tribe) entered into the Agreement for Delegation of Partial Administrative Authority (Agreement) between the Tribe and the EPA for the EPA's partial delegation of authority to the Tribe to assist the EPA in administering the Federal Minor New Source Review Program in Indian country, 40 Code of Federal Regulations (C.F.R.) Part 49, Subpart C, Sections 49.151 through 49.164 (EPA Indian country MNSR Program), to include the issuance of new and revised MNSR permits by the Tribe's Air Quality Division (AQD).

This permit does not authorize the construction of any new emission sources, nor does it otherwise authorize any other physical modifications to the facility or its operations. A brief permitting history is provided below:

A. An initial synthetic minor permit was issued to memorialize legally and practically enforceable restrictions on the source that were previously established through Settlement Agreement and Stipulated Final Compliance Order (Enforcement Case ID: 2016-08) executed between the Tribe and Red Cedar. The initial permit was issued for the Arkansas Loop and Simpson Treating Plants was effective on November 16, 2018. *(SMNSR-SU-000010-2017.003)*

B. A March 11, 2019, administrative revision application from Red Cedar to limit the minimum condenser outlet temperature to 168°F, to have daily automated readings instead of manual readings when an operator was on site, and to locate the flow meter upstream instead of downstream of the dehydration units. This revision was issued by the EPA to Red Cedar for the Arkansas Loop and Simpson Treating Plants, effective May 26, 2020. *(SMNSR-SU-000010-2019.004)*

C. A November 30, 2022, revision request from Red Cedar to change the facilities SIC code and to replace the term "flame signal strength" with "flame status" as a clarification in regard to monitoring of the tri-ethylene glycol (TEG) dehydration unit reboiler. The SIC code was not changed and the EPA and Red Cedar both agreed to replace "flame status" with "continuous ignition of the pilot flame". This revision was issued by the EPA to Red Cedar for the Arkansas Loop and Simpson Treating Plants, effective September 12, 2022. *(SMNSR-SU-000010-2020.004B)*

D. On November 1, 2024, Red Cedar submitted an SMNSR permit revision application to the Tribe

requesting revisions to increase the throughput limit for a dehydration unit, and language that included email submittal options to EPA Region 8. As part of this permit revision, the Tribe replaced the EPA as the permit issuance authority and as the primary agency for MSNR permit administration and reporting. The permit became effective on February 19, 2025. *(SMNSR-SU-000010-2020.005B)*

On October 20, 2025, Red Cedar submitted a synthetic minor (SMNSR) permit revision application to the Tribe requesting changes to increase the natural gas throughput capacities of four (4) TEG dehydrators, from 37 to 42 MMscf/day, and two (2) TEG dehydrators, from 70 to 75 MMscf/day. This request does not increase the allowable emissions at Arkansas Loop.

The throughput increases for all six (6) of the TEG dehydrators would result in an estimated VOC increase of up to 0.90 tpy and an estimated HAP increase of up to 0.96 tpy for Arkansas Loop. The estimated VOC increase is likely due to updated gas analysis and calculations that are more representative of the gas currently being processed, along with the increased throughput of the TEG dehydrators. Emissions calculation estimates were provided by Red Cedar and verified by the AQD. Arkansas Loop is classified as major for Prevention of Significant Deterioration (PSD) permitting purposes. Any modification at Arkansas Loop must be compared to the PSD significance levels. An evaluation of significant emission rate for regulated NSR pollutants under the CAA's PSD Permit Program at 40 CFR Part 52 shows the emission increases from the increased throughputs to be below the significant emission rates. Therefore, PSD permitting is not applicable.

The Tribe completed this as an administrative permit revision as this revision does not authorize an increase in any previously established emission limits. The Tribe reissued the SMSNR permit as *SMNSR-SU-000010-2020.006B*.

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I. Conditional Permit to Construct

A. General Information

Facility:	Red Cedar Gathering Company Arkansas Loop and Simpson Treating Plants
Permit Number:	SMNSR-SU-000010-2020.006B
SIC Code and SIC Description:	1311 – Crude Petroleum/Natural Gas
NAICS Code and NAICS Description:	211111 – Crude Petroleum and Natural Gas Extraction

Site Location:
Arkansas Loop and Simpson Treating Plants
NW ¼ Sec 1 T32N R9W
Southern Ute Indian Reservation
La Plata County, Colorado

Corporate Office Location
Red Cedar Gathering Company
125 Mercado Street, Suite 201
Durango, Colorado 81301

The equipment listed in this permit may only be operated by Red Cedar at the following location:

Latitude 37.053195 N, Longitude -107.785518 W

B. Applicability

1. This permit is being issued under authority of the MNSR Permit Program.

2. The requirements in this permit have been created, at the Permittee's request, to establish legally and practicably enforceable restrictions for limiting TEG dehydration system benzene emissions.

3. Any conditions established for this facility or any specific units at this facility pursuant to any permit issued under the authority of the Prevention of Significant Deterioration (PSD) Permit Program or the MNSR Permit Program shall continue to apply.

4. By issuing this permit, the Tribe does not assume any risk of loss which may occur as a result of the operation of the permitted facility by the Permittee, Owner and/or Operator, if the conditions of this permit are not met by the Permittee, Owner and/or Operator.

C. Requirements for TEG Dehydration Units

1. Construction and Operational Limits:

   (a) The Permittee shall install and operate emissions controls as specified in this permit on four TEG natural gas dehydration units operating at the Arkansas Loop Treating Plant and meeting the following specifications:

      (i) Limited to a maximum throughput of 42 million standard cubic feet per day (MMscfd) of natural gas;

(ii) Each equipped with no more than one natural gas-fired TEG reboiler with a maximum rated heat input of 0.6 million British thermal units per hour (MMBtu/hr); and

(iii) Each equipped with no more than three TEG recirculation pumps limited to a maximum combined pump rate of 9.0 gallons per minute (gpm).

(b) The Permittee shall install and operate emissions controls as specified in this permit on two TEG natural gas dehydration units operating at the Simpson Treating Plant and meeting the following specifications:

(i) Limited to a maximum throughput of 75 MMscfd of natural gas;

(ii) Each equipped with no more than one natural gas-fired TEG reboiler with a maximum rated heat input of 1.2 MMBtu/hr; and

(iii) Each equipped with no more than two TEG recirculation pumps limited to a maximum combined pump rate of 30.0 gpm.

(c) Only the TEG natural gas dehydration units that are operated and controlled as specified in this permit are approved for installation and operation under this permit.

2. Emissions Limits: Actual average emissions of benzene from the process vents to the atmosphere for each of the TEG dehydration units covered under this permit shall be reduced to a level less than 0.90 megagrams (Mg), or 1.0 ton, in any consecutive 12-month period. The emissions limits shall apply at all times.

3. Emissions Calculation Requirements: The Permittee shall meet the following requirements for each of the six TEG dehydration units:

(a) Actual average benzene emissions shall be calculated, in Mg and tons, and recorded at the end of each month, beginning with the first calendar month that this permit is effective;

(b) Prior to 12 full months of benzene emissions calculations, the Permittee shall, within 7 calendar days of the end of each month, add the emissions for that month to the calculated emissions for all previous months since the effective date of the permit and record the total. Thereafter, the Permittee shall, within 7 calendar days of the end of each month, add the emissions for that month to the calculated emissions for the preceding 11 months and record a new 12-month total; and

(c) Actual average benzene emissions shall be calculated using a generally accepted simulation model or software (examples include ProMax and GRI-GLYCalc™ Version 4.0 or higher). Inputs to the model shall be representative of actual average monthly operating conditions of each TEG dehydration unit and may be determined using the procedures documented in the Gas Research Institute (GRI) report entitled, "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions" (GRI-95/0368.1).

4. Control and Operational Requirements: The Permittee shall meet the requirements listed below for each of the six TEG dehydration units.

(a) The Permittee shall route all emissions from the still vent through a closed-vent system to a condenser and then to the TEG reboiler, introduced into the TEG reboiler with the primary fuel. Both the condenser and TEG reboiler shall be designed and operated as specified in this permit.

(b) The Permittee shall design, install, continuously operate and maintain a condenser on the TEG dehydration unit to reduce the temperature of the still vent emissions and drop water out of the gas stream. The Permittee shall ensure that the minimum operating temperature of the condenser is no less than 76 degrees Celsius (°C) or 168.0 degrees Fahrenheit (°F).

(c) The Permittee shall design, install, continuously operate, and maintain a reboiler on the TEG dehydration unit that reduces benzene emissions in the still vent, introduced to it with the primary fuel, to be less than 0.90 Mg, or 1 ton, in any consecutive 12-month period.

(d) The Permittee shall ensure that the TEG reboiler is:

(i) Operated properly at all times that still vent emissions are routed to it;

(ii) Operated such that the still vent stream is introduced into the combustion zone with the primary fuel; and

(iii) Operated such that there is a flame in the combustion zone at all times that still vent emissions are routed to it.

(e) The Permittee shall design, install, continuously operate and maintain the closed-vent system such that it is compliant with the following requirements:

(i) The closed-vent system shall route all gases, vapors and fumes emitted from the still vent to the condenser and then the TEG reboiler, introduced with the primary fuel;

(ii) All vent lines, connections, fittings, valves, relief valves or any other appurtenance employed to contain and collect gases, vapors and fumes and transport them to the condenser and combustion device shall be maintained and operated during any time that equipment is operating;

(iii) The closed-vent system shall be designed to operate with no detectable emissions;

(iv) If the closed-vent system contains one or more bypass devices that could be used to divert all or a portion of the gases, vapors or fumes from entering the condenser and then the TEG reboiler with the primary fuel, the Permittee shall meet the one of following requirements for each bypass device:

(A) At the inlet to the bypass device that could divert the stream away from the condenser or combustion device and into the atmosphere, properly

install, calibrate, maintain and operate a flow indicator that is capable of taking periodic readings and sounding an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the condenser or combustion device and into the atmosphere; or

(B) Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration;

(v) Low leg drains, high point bleeds, analyzer vents, open-ended valves or lines and safety devices are not subject to the requirements of paragraph (iv) above; and

(vi) The Permittee shall minimize leaks of hydrocarbon emissions from all vent lines, connections, fittings, valves, relief valves or any other appurtenance employed to contain, collect and transport gases, vapors and fumes to the condenser and combustion device.

(f) The Permittee shall install, calibrate, operate and maintain an electronically controlled temperature monitoring device on the condenser of each TEG dehydration unit that continuously measures the operating temperature of the gas stream exiting the condenser in °C or °F, such as a thermocouple and data logger. The temperature monitoring device shall be installed at a location in the exhaust vent stream from the condenser. The temperature monitoring device shall have a minimum accuracy of ±2.0 percent of the temperature being monitored in degrees °C, or ±2.5 °C, whichever value is greater.

(g) The Permittee shall install, calibrate, operate and maintain an electronically controlled device that detects the presence of a flame in the combustion chamber of the TEG reboiler of each TEG dehydration unit. The device shall be capable of measuring and recording the continuous ignition of the pilot flame to verify the presence of a flame in the combustion zone, as specified in Condition I.C.6.(c) of this permit.

(h) The Permittee shall follow the manufacturer's recommended maintenance schedule and operational procedures to ensure optimum performance of the TEG dehydration unit, including the closed-vent system, condenser and TEG reboiler.

5. Testing Requirements: The Permittee shall obtain an extended wet gas analysis of the inlet wet gas stream to the TEG dehydration processes of each of the two plants (Arkansas Loop and Simpson) at least twice per calendar year, with no more than 8 months separating each sampling event. The samples shall be taken from the inlet to one of the TEG dehydration units at each plant. The Permittee shall ensure that any two consecutive semi-annual samples at a plant are not taken from the inlet to the same TEG dehydration unit. The analysis shall include the inlet gas temperature and pressure at which the sample was taken. The sampling and analysis shall be performed no sooner than 4 months and no later than 8 months following the most recent analysis.

6. Monitoring Requirements: The Permittee shall meet the requirements listed below for each of the six TEG dehydration units:

(a) Except as provided in paragraphs (vi) and (vii) below, the Permittee shall inspect the

closed-vent system according to the following procedures and schedule:

(i) For each closed-vent system joints, seams, or other connections that are permanently or semi-permanently sealed (e.g., a welded joint between two sections of hard piping or a bolted and gasketed ducting flange), the Permittee shall:

(A) Conduct an initial inspection according to the procedures specified in paragraph (iv) below to demonstrate that the closed-vent system operates with no detectable emissions. Inspection results shall be submitted with the Notification of Compliance Status Report as specified in Condition I.E.1 of this permit; and

(B) Conduct annual visual inspections for defects that could result in air emissions. Defects include, but are not limited to, visible cracks, holes or gaps in piping; loose connections; or broken or missing caps or other closure devices. The Permittee shall monitor a component or connection using the procedures in paragraph (iv) below to demonstrate that it operates with no detectable emissions following any time the component is repaired or replaced or the connection is unsealed. Inspection results shall be submitted in the Periodic Report as specified in Condition I.E.2 of this permit.

(ii) For closed-vent system components other than those specified in paragraph (i), the Permittee shall:

(A) Conduct an initial inspection according to the procedures specified in paragraph (iv) below to demonstrate that the closed-vent system operates with no detectable emissions. Inspection results shall be submitted with the Notification of Compliance Status Report as specified in Condition I.E.1 of this permit.

(B) Conduct annual inspections according to the procedures specified in paragraph (iv) below to demonstrate that the components or connections operate with no detectable emissions. Inspection results shall be submitted in the Periodic Report as specified in Condition I.E.2 of this permit.

(C) Conduct annual visual inspections for defects that could result in air emissions. Defects include, but are not limited to, visible cracks, holes or gaps in ductwork; loose connections; or broken or missing caps or other closure devices. Inspection results shall be submitted in the Periodic Report as specified in Condition I.E.2 of this permit.

(iv) For each bypass device, except as provided for in paragraph I.C.4.(e)(v) above, the Permittee shall either:

(A) At the inlet to the bypass device that could divert the stream away from the control device to the atmosphere, set the flow indicator to take a reading at least once every 15 minutes; or

(B) If the bypass device valve installed at the inlet to the bypass device is secured in the non-diverting position using a car-seal or a lock-and-key type configuration, visually inspect the seal or closure mechanism at least once every month to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device.

(iv) No detectable emissions test procedure:

(A) The no detectable emissions test procedure shall be conducted in accordance with EPA Method 21 at 40 CFR Part 60, appendix A.

(B) The detection instrument shall meet the performance criteria of EPA Method 21 at 40 CFR Part 60, appendix A, except that the instrument response factor criteria in section 3.1.2(a) of Method 21 shall be for the average composition of the fluid and not for each individual compound in the stream.

(C) The detection instrument shall be calibrated before use on each day of its use by the procedures specified in EPA Method 21 at 40 CFR Part 60, appendix A.

(D) Calibration gases shall be as follows:

(1) Zero air (less than 10 parts per million by volume (ppmv) hydrocarbon in air); and

(2) A mixture of methane in air at a concentration less than 10,000 ppmv.

(E) The Permittee may choose to adjust or not adjust the detection instrument readings to account for the background organic concentration level. If the Permittee chooses to adjust the instrument readings for the background level, the background level value must be determined according to the procedures in section 8.3.2 of EPA Method 21 at 40 CFR Part 60, appendix A.

(1) Except as provided in paragraph (2) below, the detection instrument shall meet the performance criteria of EPA Method 21 of 40 CFR Part 60, appendix A, except the instrument response factor criteria in section 8.1.1.2 of EPA Method 21 shall be for the average composition of the process fluid, not each individual VOC in the stream. For process streams that contain nitrogen, air, or other inert gases that are not organic hazardous air pollutants (HAP) or VOC, the average stream response factor shall be calculated on an inert-free basis.

(2) If no instrument is available at the facility that will meet the

performance criteria specified in paragraph (1) above, the instrument readings may be adjusted by multiplying by the average response factor of the process fluid, calculated on an inert-free basis as described in paragraph (1) above.

(F) The Permittee must determine if a potential leak interface operates with no detectable emissions using the applicable procedure specified in paragraph (1) or (2) below.

(1) If the Permittee chooses not to adjust the detection instrument readings for the background organic concentration level, the value of the arithmetic difference between the maximum organic concentration value measured by the instrument and the background organic concentration value as determined in paragraph (E) above is compared with the applicable value for the potential leak interface as specified in paragraph (H) below.

(2) If the Permittee chooses to adjust the detection instrument readings for the background organic concentration level, the value of the arithmetic difference between the maximum organic concentration value measured by the instrument and the background organic concentration value as determined in paragraph (E) above is compared with the applicable value for the potential leak interface as specified in paragraph (H) below.

(G) A potential leak interface is determined to operate with no detectable organic emissions if the organic concentration value determined in paragraph (G) above, is less than 500 parts per million by volume.

(v) In the event that a leak or defect is detected, the Permittee shall repair the leak or defect as soon as practicable, except as provided in paragraph (vi).

(A) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.

(B) Repair shall be completed no later than 15 calendar days after the leak is detected.

(vi) Delay of repair of a closed-vent system for which leaks or defects have been detected is allowed if the repair is technically infeasible without a shutdown, as means for purposes including, but not limited to, periodic maintenance, replacement of equipment or repair, the cessation of operation of a TEG dehydration unit, or other affected source under 40 CFR Part 60, Subpart HH, or equipment required or used solely to comply with Subpart HH or if the Permittee determines that emissions resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair. Repair of such equipment shall be complete by the end of the next shutdown.

(vii) Any parts of the closed-vent system that are designated, as described in

paragraphs (A) and (B) below, as unsafe to inspect are exempt from the inspection requirements of paragraphs (i), (ii) and (iii) above if:

(A) The Permittee determines that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with paragraphs (i), (ii) and (iii) above; and

(B) The Permittee has a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times.

(viii) Any parts of the closed-vent system that are designated, as described in paragraphs (A) and (B) below of this section, as difficult to inspect are exempt from the inspection requirements of paragraphs (i), (ii) and (iii) above of this section if:

(A) The Permittee determines that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface; and

(B) The Permittee has a written plan that requires inspection of the equipment at least once every 5 years.

(b) The Permittee shall continuously monitor and record the temperature of the condenser output to ensure the operating temperature of the condenser does not fall below the minimum temperature specified in the permit. The temperature monitoring device shall record temperature data at least once every hour that the TEG dehydration unit is operating. The temperature monitoring device shall be inspected on a monthly basis to ensure proper operation and maintenance per the manufacturer's specifications.

(c) The Permittee shall monitor the TEG reboiler to confirm proper operation as follows:

(i) Inspect the TEG reboiler on a monthly basis to ensure proper operation according to the manufacturer's specified operation maintenance recommendations;

(ii) The combustion zone flame indicating device shall measure and record the continuous ignition of the pilot flame to verify the presence of a flame in the combustion zone, at a minimum, once per calendar day;

(iii) The combustion zone flame indicating device shall be inspected on a monthly basis to ensure proper operation per the manufacturer's specifications; and

(iv) The TEG reboiler shall be equipped and operated with a device that alerts the control room of the plant and automatically shuts down the TEG dehydration unit if no pilot flame is detected in the TEG reboiler flame. Records of the daily continuous ignition of the pilot flame shall be used to verify proper operation of the automatic shut-down device.

(d) The Permittee shall operate and maintain a meter that continuously measures the natural

gas flowrate to the TEG dehydration units. The meter shall be inspected on a monthly basis to ensure proper operation per the manufacturer's specifications.

(e) The Permittee shall convert monthly natural gas flowrate to a daily average by dividing the monthly flowrate by the number of days in the month that the TEG dehydration unit processed natural gas. The Permittee shall document the actual monthly average natural gas flowrate.

7. Recordkeeping Requirements: The Permittee shall document compliance with the requirements in this permit by keeping the records listed below for each of the six Dehydration Systems.

(a) All manufacturer and/or vendor specifications for the TEG dehydration unit, closed-vent system, condenser, TEG reboiler and any monitoring equipment.

(b) All required extended wet gas analyses.

(c) The actual monthly average natural gas flow rate.

(d) Hourly records of the times and durations of all periods when the still vent stream is diverted from the TEG reboiler or the TEG reboiler is not operating.

(e) Where a seal or closure mechanism is used to comply with Condition I.C.4.(e)(iv)(B), hourly records of flow are not required. In such cases, the Permittee shall record that the monthly visual inspection of the seals or closure mechanism has been done, and shall record the duration of all periods when the seal mechanism is broken, the bypass line valve position has changed, or the key for a lock-and-key type lock has been checked out and records of any car-seal that has broken.

(f) Records identifying all parts of the closed-vent system that are designated as unsafe to inspect in accordance with Condition I.C.6.(a)(vii)(A) of this permit, an explanation of why the equipment is unsafe to inspect and the plan for inspecting the equipment.

(g) Records identifying all parts of the closed-vent system that are designated as difficult to inspect in accordance with Condition I.C.6.(a)(vii)(B), and explanation of why the equipment is difficult to inspect and the plan for inspecting the equipment.

(h) For each closed-vent system inspection conducted in accordance with Section I.C.6.(a) of this permit, during which a leak or defect is detected, a record of the information specified in paragraphs (i) through (viii):

(i) The instrument identification numbers, operator name or initials and identification of the equipment;

(ii) The date the leak or defect was detected and the date of the first attempt to repair the leak or defect;

(iii) Maximum instrument reading measured by the method specified in Section I.C.6.(a)(iv) after the leak or defect is successfully repaired or determined to be nonrepairable;

(iv) "Repair delayed" and the reason for the delay if a leak or defect is not repaired within 15 calendar days after discovery of the leak or defect;

(v) The name, initials, or other form of identification of the owner or operator (or designee) whose decision it was that repair could not be affected without a shutdown;

(vi) The expected date of successful repair of the leak or defect if a leak or defect is not repaired within 15 calendar days;

(vii) Dates of shutdowns that occur while the equipment is unrepaired; and

(viii) The date of successful repair of the leak or defect.

(i) For each closed-vent system inspection conducted in accordance with Section I.C.6.(a) of this permit during which no leaks or defects are detected, a record that the inspection was performed, the date of the inspection and a statement that no leaks or defects were detected.

(j) For complying with the benzene emission limits specified in this permit, the Permittee shall document to the Tribe's satisfaction, the following items:

(i) The method used for achieving compliance and the basis for using this compliance method;

(ii) The method used for demonstrating compliance with the 0.90 Mg of benzene in any consecutive 12-month period; and

(iii) Any information necessary to demonstrate compliance as required in the methods specified in paragraphs I.C.7.(j)(i) and (ii) of this permit.

(k) All inspections of the condenser and TEG reboiler, any defects observed, and the corrective action taken.

(l) All maintenance conducted on the condenser and TEG reboiler.

(m) The total monthly and consecutive 12-month benzene emissions calculations for each TEG dehydration unit.

(n) Any instances where a flame is not detected in the combustion zone of any TEG reboiler, including:

(i) The date and time the deviation occurred and the system subsequently began operating within the operating temperature specified in this permit;

(ii) The date and time the reboiler subsequently began operation with a flame in the combustion zone;

(iii) Any corrective actions taken and preventative measures adopted to bring the reboiler back into compliance; and

(iv) The operating hours of each TEG recirculation pump connected to each TEG dehydration unit, including the startup date and time and subsequent shut down date and time for each pump; and

(o) Any instances in which the temperature monitoring devices installed to measure the condenser output temperature or the respective temperature data logger, are not operational, including:

(i) The date, time, and duration of the deviation; and

(ii) Any corrective actions taken and any preventative measures adopted to avoid such deviation.

D. Requirements for Records Retention

1. The Permittee shall retain all records required by this permit for a period of at least 5 years from the date the record was created.

2. Records shall be kept in the vicinity of the facility, such as at the facility, the location that has day-to-day operational control over the facility, or the location that has day-to-day responsibility for compliance of the facility.

E. Requirements for Reporting

1. Notification of Compliance Status Reports: The Permittee shall submit a Notification of Compliance Status Report as required under 40 CFR 63.9(h) within 180 days after the effective date of this permit. In addition to the information required under 40 CFR 63.9(h), the Notification of Compliance Status Report shall include the information specified in paragraphs I.E.1.(a) through (e) of this permit. This information may be submitted in an operating permit application, in an amendment to an operating permit application, in a separate submittal, or in any combination of the three. If all of the information required under this paragraph has been submitted at any time prior to 180 days after the effective date of this permit, a separate Notification of Compliance Report is not required. If the Permittee submits the information specified in paragraphs I.E.1.(a) through (e) of this permit at different times, and/or different submittals, subsequent submittals may refer to previous submittals instead of duplicating and resubmitting the previously submitted information.

(a) The results of the closed-vent system initial inspections performed according to the requirements in Conditions I.C.6.(a)(i) and (ii) of this permit.

(b) After a title V permit has been issued to the Permittee, the owner or operator of such source shall comply with all requirements for compliance status reports contained in the Permittee's title V permit, including reports required under this permit. After a title V permit has been issued to the Permittee, and each time a notification of compliance status is required under this permit, the Permittee shall submit the notification of compliance status to the Tribe following completion of the relevant compliance demonstration

activity specified in this permit.

(c) The records required under Condition I.C.7.(j) of this permit.

(d) The analysis performed under 40 CFR 63.760(a)(1) to determine that the facility is a major source of HAP as defined in 40 CFR 63.761.

(e) A statement as to whether the facility has complied with the requirements of this permit.

2. Periodic Reports: The Permittee shall prepare Periodic Reports in accordance with paragraphs I.E.2.(a) and (b) of this permit.

(a) The Permittee shall submit Periodic Reports semiannually beginning 60 calendar days after the end of the applicable reporting period. The first report shall be submitted no later than 240 days after the date the Notification of Compliance Status Report is due and shall cover the 6-month period beginning on the date the Notification of Compliance Status Report is due. The information required for a semiannual Periodic Report may be submitted as part of the Annual Report required in Condition I.E.4 of this permit.

(b) The Permittee shall include the information specified in the following paragraphs I.E.2.(b)(i) through (iv):

(i) For each closed-vent system with a bypass line subject to Condition I.C.4.(e)(iv)(A) of this permit, records required under Condition I.C.7.(d) of this permit of all periods when the still vent stream is diverted from the TEG reboiler through a bypass line;

(ii) For each closed-vent system with a bypass line subject to Condition I.C.4.(e)(iv)(B) of this permit, records required under Condition I.C.7.(e) of this permit of all periods in which the seal mechanism is broken, the bypass valve position has changed, or the key to unlock the bypass line valve was checked out;

(iii) The records required under Condition I.C.7.(j)(iii) of this permit; and

(iv) 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.

3. Notification of Process Change: Whenever a process change is made, or a change in any of the information submitted in the Notification of Compliance Status Report under Condition I.E.1 of this permit, the Permittee shall submit a report within 180 days after the process change is made or as part of the next Periodic Report as required under Condition I.E.2 of this permit, whichever is sooner. The report shall include:

(a) A brief description of the process change;

(b) A description of any modification to standard procedures or quality assurance procedures;

(c) Revisions to any of the information reported in the original Notification of Compliance Status Report under Condition I.E.1 of this permit; and

(d) Information required by the Notification of Compliance Status Report under Condition I.E.1 of this permit for changes involving the addition of processes or equipment.

4. Annual Reports: The Permittee shall submit an annual written report of compliance with the conditions of this permit no later than April 1st each year. The report shall cover the previous calendar year. The report shall include: a summary of all testing, inspection and monitoring results and recordkeeping required under this permit for the reporting period; all required calculations of actual annual benzene emissions from each TEG dehydration system; and a clear identification of all instances of deviations from permit requirements and corrective actions taken during the reporting period. All required reports must be certified by the person primarily responsible for CAA compliance of the Permittee.

5. All documents required to be submitted under this permit shall be submitted to:

Branch Manager, Air and Toxics Enforcement Branch, 8ENF-AT
Enforcement and Compliance Assurance Division
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

Documents to the U.S. EPA Region 8 may be submitted via email to R8AirPermitting@epa.gov

and by

United States Postal Service:
Southern Ute Indian Tribe Environmental Programs Department
Air Quality Division
Part 70 Program
P.O. Box 737, Mail Slot #84
Ignacio, Colorado 81137

or by

Common Carrier:
Southern Ute Indian Tribe Environmental Programs Department
Air Quality Division
Part 70 Program
398 Ouray Drive
Ignacio, Colorado 81137

Documents to the Southern Ute Indian Tribe Environmental Programs Department may be submitted via email to airquality@southernute-nsn.gov.

The Permittee shall send all required notifications, reports and test plans to the Tribe and the EPA through the EPA's Central Data Exchange/Compliance and Emission Data Reporting

Interface (CDX/CEDRI), by email, or in hardcopy through postal service at the addresses listed above. Items sent by postal service shall be postmarked by the applicable due date identified in this permit.

CDX/CEDRI
https://cdx.epa.gov

(First-time users will need to register with CDX. If no specific reporting option is available in CEDRI, select "Other Reports." If the system is unavailable contact the EPA Region 8 at these email addresses: R8AirReportEnforcement@epa.gov and R8AirPermitting@epa.gov.)

6. The Permittee shall promptly submit to the EPA a written report of any deviations of permit requirements, a description of the probable cause of such deviations, and any corrective actions or preventative measures taken. A "prompt" deviation report is one that is post marked, emailed, or submitted electronically via CDX/CEDRI as follows:

   (a) Within 30 days from the discovery of any deviation of conditions in this permit that would cause the Permittee to exceed the benzene emissions limits or operational limits in this permit if left un-corrected for more than 5 days after discovering the deviation; and

   (b) By April 1st or October 1st, for the discovery of a deviation of recordkeeping or other permit conditions during the preceding reporting period that do not affect the Permittee's ability to meet the emissions limits.

7. The Permittee shall submit a written report for any required performance tests to the Tribe and EPA within 60 days after completing the tests.

8. The Permittee shall submit any record or report required by this permit upon the Tribe or EPA's request.

II. General Provisions

A. Conditional Approval

Pursuant to the authority of 40 CFR 49.151, the Tribe hereby conditionally grants this permit. This authorization is expressly conditioned as follows:

1. *Document Retention and Availability:* This permit and any required attachments shall be retained and made available for inspection upon request at the location set forth herein.

2. *Permit Application:* The Permittee shall abide by all representations, statements of intent and agreements contained in the application submitted by the Permittee. The Tribe shall be notified 10 days in advance of any significant deviation from this permit application as well as any plans, specifications or supporting data furnished.

3. *Permit Deviations:* The issuance of this permit may be suspended or revoked if the Tribe determines that a significant deviation from the permit application, specifications, and supporting data furnished has been or is to be made. If the proposed source is constructed, operated, or modified not in accordance with the terms of this permit, the Permittee will be subject to

appropriate enforcement action.

4. *Compliance with Permit:* The Permittee shall comply with all conditions of this permit, including emission limitations that apply to the affected emissions units at the permitted facility/source. Noncompliance with any permit term or condition is a violation of this permit and may constitute a violation of the Clean Air Act and is grounds for enforcement action and for a permit termination or revocation.

5. *Fugitive Emissions:* The Permittee shall take all reasonable precautions to prevent and/or minimize fugitive emissions during the construction period.

6. *National Ambient Air Quality Standard and PSD Increment:* The permitted source shall not cause or contribute to a National Ambient Air Quality Standard violation or a PSD increment violation.

7. *Compliance with Federal and Tribal Rules, Regulations, and Orders:* Issuance of this permit does not relieve the Permittee of the responsibility to comply fully with all other applicable federal and tribal rules, regulations, and orders now or hereafter in effect.

8. *Enforcement:* It is not a defense, for the Permittee, in an enforcement action, to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

9. *Modifications of Existing Emissions Units/Limits:* For proposed modifications, as defined at 40 CFR 49.152(d), that would increase an emissions unit's allowable emissions of a pollutant above its existing permitted annual allowable emissions limit, the Permittee shall first obtain a permit for the modification pursuant to the MNSR regulations approving the increase. For a proposed modification that is not otherwise subject to review under the PSD or MNSR regulations, such proposed increase in the annual allowable emissions limit shall be approved through an administrative permit revision as provided at 40 CFR 49.159(f).

10. *Relaxation of Legally and Practicably Enforceable Limits:* At such time that a new or modified source within this permitted facility/source or modification of this permitted facility/source becomes a major stationary source or major modification solely by virtue of a relaxation in any legally and practicably enforceable limitation which was established after August 7, 1980, on the capacity of this permitted facility/source to otherwise emit a pollutant, such as a restriction on hours of operation, then the requirements of the PSD regulations shall apply to the source or modification as though construction had not yet commenced on the source or modification.

11. *Revise, Reopen, Revoke and Reissue, or Terminate for Cause:* This permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee, for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. The Tribe may reopen this permit for a cause on its own initiative, e.g., if this permit contains a material mistake or the Permittee fails to assure compliance with the applicable requirements.

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

13. *Property Rights:* This permit does not convey any property rights of any sort or any exclusive privilege.

14. *Information Requests:* The Permittee shall furnish to the Tribe or EPA, within a reasonable time, any information that the Tribe or EPA may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating this permit or to determine compliance with this permit. For any such information claimed to be confidential, you shall also submit a claim of confidentiality in accordance with 40 CFR Part 2, Subpart B.

15. *Inspection and Entry:* The EPA or its authorized representatives, to include the Tribe, may inspect this permitted facility/source during normal business hours for the purpose of ascertaining compliance with all conditions of this permit. Upon presentation of proper credentials, the Permittee shall allow the EPA or its authorized representative, the Tribe to:

    (a) Enter upon the premises where this permitted facility/source is located or emissions-related activity is conducted, or where records are required to be kept under the conditions of this permit;

    (b) Have access to and copy, at reasonable times, any records that are required to be kept under the conditions of this permit;

    (c) Inspect, during normal business hours or while this permitted facility/source is in operation, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

    (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements; and

    (e) Record any inspection by use of written, electronic, magnetic and photographic media.

16. *Permit Effective Date:* This permit is effective immediately upon issuance unless a later effective date is specified in the permit, or unless comments resulted in a change in the proposed permit, in which case this permit is effective 30 days after issuance. If within 30 days after the service of notice of the final permit issuance, a person petitions the Environmental Appeals Board to review any condition(s) of the final permit in accordance with 40 CFR 49.159(d), the specific terms and conditions of the permit that are the subject of the request for review must be stayed.

17. *Permit Transfers:* Permit transfers shall be made in accordance with 40 CFR 49.159(f). The Tribe shall be notified in writing at the address shown below if the company is sold or changes its name.

    by United States Postal Service:
    Southern Ute Indian Tribe
    Air Quality Division
    P.O. Box 737 MS #84
    Ignacio, Colorado 81137

    Or by Common Carrier:

Southern Ute Indian Tribe
Air Quality Division
398 Ouray Drive
Ignacio, CO 81137

The notification may be submitted electronically to airquality@southernute-nsn.gov

18. *Invalidation of Permit:* Unless this permitted source is an existing source, this permit becomes invalid if construction is not commenced within 18 months after the effective date of this permit, construction is discontinued for 18 months or more, or construction is not completed within a reasonable time. The Tribe may extend the 18-month period upon a satisfactory showing that an extension is justified. This provision does not apply to the time period between the construction of the approved phases of a phased construction project. The Permittee shall commence construction of each such phase within 18 months of the projected and approved commencement date.

19. *Notification of Start-Up:* The Permittee shall submit a notification of the anticipated date of initial start-up of this permitted source to the Tribe within 60 days of such date, unless this permitted source is an existing source.

B. Authorization

Authorized by the Southern Ute Indian Tribe, Air Quality Division

Daniel Powers 12/18/2025

Daniel Powers
Air Quality Division Head
Environmental Programs Department
Southern Ute Indian Tribe

Date