



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street

Denver, CO 80202-1129

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SEP 22 2017

Ref: 8P-AR

Timothy Hermann
Manager of Mid Stream Operations
XTO Energy, Inc.
810 Houston Street
Fort Worth, Texas 76102

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Final Part 71 Operating Permits, XTO Energy, Inc.
River Bend Dehydration Site, Permit #V-UO-000026-2011.00
Tap 5 Compressor Station, Permit #V-UO-000018-2007.00

Dear Mr. Hermann:

This is regarding the initial application for two (2) 40 CFR part 71 Title V operating permits (Part 71 permits) for XTO Energy, Inc.'s River Bend Dehydration Site and Tap 5 Compressor Station. The public comment period for the drafts of these permit actions ended on September 18, 2017. The EPA did not receive any comments during the public comment period for either draft.

Based on the information provided in XTO Energy, Inc.'s initial Part 71 permit applications and subsequent application updates, the EPA hereby issues the enclosed Part 71 permits for the River Bend Dehydration Site and the Tap 5 Compressor Station. The permit numbers are V-UO-000026-2011.00 and V-UO-000018-2007.00, respectively.

Please review each condition carefully and note any restrictions placed on each source. Procedures for appealing these permits can be found in 40 CFR 71.11(l). A petition to the Environmental Appeals Board (EAB) must be filed within 30 days of receipt of this final permit action. The permits are effective immediately upon issuance, provided there are no appeals filed with the EAB (in which case the specific terms and conditions of the permit which are the subject of the request for review will be stayed).

If you have any questions concerning the enclosed final permit, please contact Eric Wortman of my staff at (617) 918-1624.

Sincerely,

A handwritten signature in black ink that reads "Monica S. Morales". The signature is written in a cursive style with a large initial 'M'.

Monica S. Morales
Director, Air Program
Office of Partnerships & Regulatory Assistance

Enclosures (2)

cc: Bruce Pargeets, Director, Ute Indian Tribe Energy and Minerals Department (w/o enclosure)
Minnie Grant, Air Coordinator, Ute Indian Tribe Energy and Minerals Department
Craig Allison, Environmental Health & Safety Advisor, XTO Energy, Inc.

United States Environmental Protection Agency
Region 8
Air Program
1595 Wynkoop Street
Denver, Colorado 80202



**Air Pollution Control Permit to Operate
Title V Operating Permit Program at 40 CFR Part 71**

In accordance with the provisions of Title V of the Clean Air Act (CAA) and the Title V Operating Permit Program at 40 CFR part 71 (Part 71) and applicable rules and regulations,


**XTO Energy, Inc.
Tap 5 Compressor Station**

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

This source is authorized to operate at the following location:

**Uintah and Ouray Indian Reservation
Latitude 39.9750760N, Longitude -109.6360850W
Uintah County, Utah**

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



Monica S. Morales
Director, Air Program
Office of Partnerships & Regulatory Assistance

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**Air Pollution Control Permit to Operate
Title V Operating Permit Program at 40 CFR Part 71**

**XTO Energy, Inc.
Tap 5 Compressor Station**

Permit Number: V-UO-000018-2007.00
Replaces Permit No.: N/A

Issue Date: September 22, 2017
Effective Date: September 22, 2017
Expiration Date: September 22, 2022

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

Table 1. Part 71 Permitting History

Date of Action	Permit Number	Type of Action	Description of Action
September 22, 2017	V-UO-000018-2007.00	Initial Permit	N/A

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I. Facility Information and Emission Unit Identification

A. Facility Information

Parent Company Name: XTO Energy, Inc.

Plant Operator and Name: XTO Energy, Inc., Tap 5 Compressor Station

Plant Location: Latitude 39.9750760N, Longitude -109.6360850W

Region: 8

State: Utah

County: Uintah

Reservation: Uintah and Ouray Indian Reservation

Tribe: Ute Indian Tribe

Responsible Official: Manager of Midstream Operations – XTO Energy, Inc.

SIC Code: 1311 – Crude Petroleum and Natural Gas

Description:

Natural gas produced from area wells and from the Little Canyon Unit Compressor Station is sent to the Tap 5 Compressor Station (Tap 5) through natural gas gathering flowlines. The low-pressure natural gas stream from area wells enters a low-pressure inlet separator in order to reduce water and condensable liquids content in the gas stream prior to entry into compressor engine and T5C-2 and the triethylene glycol (TEG) natural gas dehydration system. The high-pressure gas stream from the Little Canyon Unit Compressor Station enters a high-pressure separator in order to reduce water and condensable liquids content in the gas stream prior to entry into compressor engine T5BC-2. The liquids produced from the on-site separators are sent to the 300-barrel (bbl) and 400-bbl slop tanks T5T-1 and T5T-2 for storage prior to being hauled off site. The TEG natural gas dehydration system utilized for the low-pressure natural gas stream consists of one (1) 40 million standard cubic feet per day (MMscfd) capacity natural gas TEG dehydration process still vent (T5D-1), with a 0.50 million British thermal units per hour (MMBTU/hr) natural gas-fired process heater and a TEG regenerator. The TEG natural gas dehydration system emissions are controlled by a thermal oxidizer.

Following dehydration, the dry natural gas stream leaves the station via a metered sales pipeline. The station has on-site electrical power supplied by a Capstone natural gas-fired microturbine-driven generator (insignificant emission unit – see Table 3). In addition, the pneumatic control devices are operated by plant air supplied by the on-site electric-driven air compressor.

In addition, the RBU 11-2F wellsite is located on the same surface pad as Tap 5. The RBU 11-2F wellsite does not produce significant natural gas and is considered an oil production well only. The emission units at the RBU 11-2F wellsite include a 13 horsepower

(hp) pumping unit engine, two (2) 300-bbl storage tanks, condensate truck loading operations, and two (2) 0.5 MMBTU/hr natural gas-fired tank heaters and fugitive emissions.

B. Facility Emission Points

Table 2 - Emission Units and Emission Generating Activities

Unit I.D.	Description	Control Equipment
T5C-2	Caterpillar 3516 TALE; 1,340 hp* 4-Stroke Lean-Burn Reciprocating Internal Combustion Engine Natural Gas-Fired Serial No. 4EK05034 Installed: 7/30/2013 Mfg*: 3/21/2006	Oxidation Catalyst
T5BC-2	Caterpillar 3516 LE; 1,340 hp* 4-Stroke Lean-Burn Reciprocating Internal Combustion Engine Natural Gas-Fired Serial No. WPW01800 Installed: 6/28/2013 Mfg*: 11/2/2007	Oxidation Catalyst
T5D-1	40 MMscfd* TEG Dehydration Unit Serial No. 28111 Installed: 5/10/2007	Thermal Oxidizer
T5-ENGBD	Compressor Blowdown Emissions	None
T5F-1	Fugitive Emissions	None
RBUTK-1	300 bbl* Oil Storage Tank Serial #: F1433 Installed: 11/29/2012	None
RBUTK-2	300 bbl* Oil Storage Tank Serial #: 77924 Installed: Pre-2011	None
RBU 11-2F PU	Arrow C-66 Well Site Pumping Unit; 13 hp 4-Stroke Rich-Burn Reciprocating Internal Combustion Engine Natural Gas-Fired Serial No. 65902 Installed: Pre-2008 Mfg*: Pre-2008	None

* Mfg = Manufactured; hp = horsepower; bbl = barrel; MMscfd = million standard cubic feet per day; IEU = insignificant emission unit.

Table 3 – Insignificant Emission Units*

Description
Capstone 65 kW Microturbine Genset (Tap 5)
Condensate Truck Loading (Tap 5)
0.50 MMBtu/hr** TEG Dehydration Unit Reboiler (Tap 5)
400-bbl Condensate Tank #1 (Tap 5)
400-bbl Condensate Tank #2 (Tap 5)
0.25 MMBtu/hr** Tank Heater #1 (Tap 5)
0.25 MMBtu/hr** Tank Heater #2 (Tap 5)
0.25 MMBtu/hr** Natural Gas-Fired Separator Heater (Tap 5)
2.0 MMBtu/hr* Heater for Thermal Oxidizer (Tap 5)
2 Lube Oil Tanks (Tap 5)
Pipeline Pigging Operations (Tap 5)
Engine Break in Period (Tap 5)
0.50 MMBtu/hr** RBU 11-02F Wellsite Tank Heater (RBU 11-2F Wellsite)
0.25 MMBtu/hr** RBU 11-02F Wellsite Tank Heater (RBU 11-2F Wellsite)
RBU 11-02F Wellsite Fugitive Emissions (RBU 11-2F Wellsite)

Description
RBU 11-02F Wellsite Truck Loading (RBU 11-2F Wellsite)

*Insignificant emission units can change at the facility as long as the new or replacement units meet the criteria for insignificance, and XTO supplies information as required under 40 CFR part 71 and this permit. The insignificant emission unit status does not exempt these emission units from the requirements of any standards that may apply under 40 CFR parts 60 or 63.

** MMBtu/hr = million British thermal units per hour.

II. National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities: 40 CFR Part 63, Subpart HH

A. Applicability [40 CFR 63.760]

1. 40 CFR part 63, subpart HH for affected sources located at a major source of HAP applies to the 40 MMscfd TEG dehydration unit identified as T5D-1 in Table 2 of this permit. [63.760(b)(1)(i)]
2. Notwithstanding conditions in this permit, the Permittee shall comply with all applicable requirements of 40 CFR part 63, subpart HH for affected sources located at a major source of HAP.

B. General Standards [40 CFR 63.764]

1. The General Provisions at 40 CFR part 63, subpart A apply as specified in Table 2 of 40 CFR part 63, subpart HH. Notwithstanding conditions in this permit, the Permittee shall comply with all applicable requirements of 40 CFR part 63, subpart A.
2. All reports required under 40 CFR part 63, subpart A shall be sent to the EPA at the following address as listed in §63.13:

Director, Air and Toxics Technical Enforcement Program, 8ENF-AT
Office of Enforcement, Compliance and Environmental Justice
1595 Wynkoop Street, Denver, CO 80202-1129
3. Except as specified in §63.764(e), the Permittee shall comply with the following requirements for the glycol dehydration unit:
 - (a) The control requirements for glycol dehydration unit process vents specified in §63.765;
 - (b) The monitoring requirements specified in §63.773; and
 - (c) The recordkeeping and reporting requirements specified in §§63.774 and 63.775.
4. At all times the Permittee shall operate and maintain any glycol dehydration unit, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA which may include, but is

not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the unit.

C. Glycol Dehydration Unit Process Vent Standards [40 CFR 63.765]

The Permittee shall comply with the control equipment requirements as follows:

1. Except as specified in §63.765(c), the Permittee shall comply with the applicable requirements for controlling air emissions specified in §63.765(b);
2. For each closed-vent system, the Permittee shall comply with the closed-vent system requirements specified in §63.771(c);
3. For each control device, the Permittee shall comply with the applicable control device requirements specified in §63.771(d) or §63.771(f); and
4. For each process modification made to comply with the glycol dehydration unit process vent standards at §63.765(c)(2), the Permittee shall comply with the process modification standards specified in §63.771(e).

D. Test Methods, Compliance Procedures, and Compliance Determination Requirements [40 CFR 63.772]

The Permittee shall determine compliance with the requirements of 40 CFR part 63, subpart HH using the applicable test methods and compliance procedures specified in §63.772.

E. Inspection and Monitoring Requirements [40 CFR 63.773]

1. For each closed-vent system or cover required for the Permittee to comply with 40 CFR part 63, subpart HH, the Permittee shall comply with the inspection and monitoring requirements specified in §63.773(c).
2. For each control device required for the Permittee to comply with 40 CFR part 63, subpart HH, the Permittee shall comply with the inspection and monitoring requirements as specified in §63.773(b) or §63.773(d).

F. Recordkeeping Requirements [40 CFR 63.774]

1. The recordkeeping provisions of 40 CFR part 63, subpart A, that apply and those that do not apply to the Permittee are listed in Table 2 of 40 CFR part 63, subpart HH.
2. The Permittee shall maintain the records specified in §§63.774(b), (c), (d), (e), (g), and (h).
3. Except as specified in §§63.774(c), 63.774(d), and 63.774(f), the Permittee shall maintain the records specified in §63.774(b).
4. If compliance with the benzene emission limit specified in §63.765(b)(1)(ii) is elected, the Permittee shall document, to the Administrator's satisfaction, the items in §63.774(c).

5. For glycol dehydration units operating at the source that meet the exemption criteria in §63.764(e)(1)(i) or §63.764(e)(1)(ii), the Permittee shall maintain records as specified in §63.774(d).
6. The Permittee shall keep records of the requirements of §63.774(e) when using a flare to comply with §63.771(d).
7. The Permittee shall maintain records, pursuant to §63.774(g), of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control equipment and monitoring equipment. The Permittee shall maintain records of actions taken during periods of malfunction to minimize emissions in accordance with §63.764(j), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
8. The Permittee shall keep records of the requirements of §63.774(h) when using a control device whose model is tested under §63.772(h) to comply with §§63.771(d), (e)(3)(ii) and (f)(1).
9. The Permittee shall keep records, pursuant to §63.774(i), of the date the semi-annual maintenance inspection required under §63.773(b) is performed when using a control device whose model was tested under §63.772(h).

G. Reporting Requirements [40 CFR 63.775]

1. The reporting provisions of subpart A of this part, that apply and those that do not apply to the Permittee are listed in Table 2 of this subpart.
2. The Permittee shall submit the information specified in §63.775(b).
3. The Permittee shall submit Notification of Compliance Status Reports as specified in §63.775(d).
4. The Permittee shall submit Periodic Reports as specified in §63.775(e).
5. The Permittee shall submit notifications of process changes as specified in §63.775(f).
6. The Permittee shall comply with any applicable electronic reporting provisions specified at §63.775(g).

III. National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines: 40 CFR Part 63, Subpart ZZZZ

A. Applicability [40 CFR 63.6585]

40 CFR part 63, subpart ZZZZ applies to the following emission units:

1. Caterpillar 3516 LE engine identified as T5C-2 in Table 2 of this permit;
2. Caterpillar 3516 LE engine identified as T5BC-2 in Table 2 of this permit; and

3. Arrow C-66 engine identified as RBU 11-2F PU in Table 2 of this permit.

B. General Provisions [40 CFR 63.6665]

1. The General Provisions at 40 CFR part 63, subpart A apply as specified in Table 8 of 40 CFR part 63, subpart ZZZZ. Notwithstanding conditions in this permit, the Permittee shall comply with all applicable requirements of 40 CFR part 63, subpart A.
2. All reports required under 40 CFR part 63, subpart A shall be sent to the EPA at the following address as listed in §63.13:

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

C. Emission Limits and Operating Requirements [40 CFR 63.6600, 63.6603, and 63.66005]

1. For engine units T5C-2 and T5BC-2, the permittee shall comply with the emission limitations for affected sources at a major source of HAP in Table 2a and the operating limitations in Table 2b of 40 CFR part 63, subpart ZZZZ as specified in §63.6600(b).
2. For engine unit RBU 11-2F PU, the permittee shall comply with the requirements for affected sources at an area source of HAP in Table 2d and the operating limitations in Table 2b of 40 CFR part 63, subpart ZZZZ as specified in §63.6603(a).
3. For engine units T5C-2, T5BC-2, and RBU 11-2F PU, the permittee shall comply with the emission limitations, operating limitations, and other requirements in 40 CFR part 63, subpart ZZZZ at all times.
4. For engine units T5C-2 and T5BC-2, compliance with the numerical emission limitations for affected sources at a major source of HAP established in 40 CFR part 63, subpart ZZZZ shall be based on the results of testing the average of three (3) 1-hour runs using the testing requirements and procedures in §63.6620 and Table 4 to 40 CFR part 63, subpart ZZZZ.
5. The Permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions at all times. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if the required levels have been achieved. Determination of whether such operations and maintenance procedures are being used will be based on information available to the EPA, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

D. Testing and Initial Compliance Requirements [40 CFR 63.6610, 63.6615, 63.6620, 63.6625 and 63.6630]

1. For engine units T5C-2 and T5BC-2, the Permittee shall conduct the initial performance tests or other compliance demonstrations requirements for affected sources at a major source of HAP as specified in §63.6610.
2. For engine units T5C-2 and T5BC-2, the Permittee shall conduct subsequent performance tests as specified in §63.6615.
3. For engine units T5C-2 and T5BC-2, the Permittee shall use the performance tests and other procedures specified for affected sources at a major source of HAP in §63.6620.
4. For engine units T5C-2 and T5BC-2, the Permittee shall meet the monitoring, installation, collection, operation and maintenance requirements for affected sources at a major source of HAP as specified in §63.6625.
5. For engine unit RBU 11-2F PU, the permittee may utilize the option of an oil analysis program in order to extend the specified oil change requirement for affected sources at an area source of HAP in Table 2d of 40 CFR part 63, subpart ZZZZ as specified in 40 CFR 63.6625(j).
6. For engine units T5C-2 and T5BC-2, the Permittee shall demonstrate initial compliance with the emission limitations, operating limitations, and other requirements that apply to affected sources at a major source of HAP as specified in §63.6630.

E. Continuous Compliance Requirements [40 CFR 63.6635 and 63.6640]

1. For engine units T5C-2 and T5BC-2, the Permittee shall monitor and collect data to demonstrate continuous compliance as specified for affected sources at a major source of HAP in §63.6635.
2. For engine units T5C-2, T5BC-2 and RBU 11-2F PU, the Permittee shall demonstrate continuous compliance with the emission limitations, operating limitations and other requirements as specified in §63.6640.

F. Notifications, Reports, and Records [40 CFR 63.6645, 63.6650, 63.6655, 63.6660]

1. For engine units T5C-2 and T5BC-2, the Permittee shall submit notifications as specified for affected sources at a major source of HAP in §63.6645.
2. For engine units T5C-2, T5BC-2 and RBU 11-2F PU, the Permittee shall submit reports as specified in §63.6650.
3. For engine units T5C-2, T5BC-2 and RBU 11-2F PU, the Permittee shall keep records as specified in §63.6655.
4. For engine units T5C-2, T5BC-2 and RBU 11-2F PU, the Permittee shall keep the records in the format and for the duration as specified in §63.6660.

IV. Facility-Wide Requirements [40 CFR 71.6(a)(1)]

Conditions in this section of this permit apply to all emissions units located at the source, including any units not specifically listed in Table 2 and Table 3 of the Facility Emission Points section of this permit.

A. Recordkeeping Requirements [40 CFR 71.6(a)(3)(ii)]

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

1. If the Permittee determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants (HAPs) is not subject to a relevant standard or other requirement established under 40 CFR part 63, the Permittee shall keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination shall include an analysis (or other information) that demonstrates why the Permittee believes the source is unaffected (e.g., because the source is an area source). [40 CFR 63.10(b)(3)]
2. Records shall be kept of off permit changes, as required by the Off Permit Changes section of this permit.

B. Reporting Requirements [40 CFR 71.6(a)(3)(iii)]

1. The Permittee shall submit to the EPA all reports of any required monitoring under this permit semiannually. The first report shall cover the period from the effective date of this permit through December 31, 2017. Thereafter, the report shall be submitted semi-annually, by April 1st and October 1st of each year. The report due on April 1st shall cover the 6-month period ending on the last day of December before the report is due. The report due on October 1st shall cover the 6-month period ending on the last day of June before the report is due. 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.

To help Part 71 Permittees meet reporting responsibilities, the EPA has developed a form "SIXMON" for 6-month monitoring reports. The form may be found on the EPA's website at: <https://www.epa.gov/title-v-operating-permits/epa-issued-operating-permits>]

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 §71.6(a)(3)(i) and (a)(3)(ii). For a situation lasting more than 24 hours which constitutes a deviation, each 24-hour period is considered a separate deviation. Included in the meaning of deviation are any of the following:

- (a) A situation where emissions exceed an emission limitation or standard;
 - (b) A situation where process or emissions control device parameter values indicate that an emission limitation or standard has not been met; or
 - (c) A situation in which observations or data collected demonstrate noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit.
3. The Permittee shall promptly report to the EPA deviations from permit requirements, including those attributable to upset conditions as defined in this permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. “Prompt” is defined as follows:
- (a) Any definition of “prompt” or a specific time frame for reporting deviations provided in an underlying applicable requirement as identified in this permit.
 - (b) Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations will be submitted based on the following schedule:
 - (i) For emissions of a HAP 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 shall be made within 24 hours of the occurrence.
 - (ii) For emissions of any regulated air pollutant, excluding a HAP or a toxic air pollutant that continues for more than 2 hours in excess of permit requirements, the report shall be made within 48 hours.
 - (iii) For all other deviations from permit requirements, the report shall be submitted with the semi-annual monitoring report.
 - (c) If any of the conditions in (i) or (ii) of paragraph (b) above are met, the Permittee shall notify the EPA by telephone (1-800-227-6312), facsimile (303-312-6409), or by email to r8airreportenforcement@epa.gov based on the timetables listed above. *[Notification shall specify that this notification is a deviation report for a Part 71 permit]*. A written notice, certified consistent with the Submissions section of this permit shall be submitted within 10 working days of the occurrence. All deviations reported under this section shall also be identified in the 6-month report required under Condition 1 in this section of this permit.

[Explanatory note: To help Part 71 Permittees meet reporting responsibilities, the EPA has developed a form “PDR” for prompt deviation reporting. The form may be found on the EPA’s website at: <https://www.epa.gov/title-v-operating-permits/epa-issued-operating-permits>]

V. General Provisions

A. Annual Fee Payment [40 CFR 71.9]

1. The Permittee shall pay an annual permit fee in accordance with the procedures outlined below.
2. The Permittee shall pay the annual permit fee each year no later than April 1st. The fee shall cover the previous calendar year.
3. The fee payment shall be in United States currency and shall be paid by money order, bank draft, certified check, corporate check, or electronic funds transfer payable to the order of the U.S. Environmental Protection Agency.

4. The Permittee shall send fee payment and a completed fee filing form to:

For regular U.S. Postal Service mail

U.S. Environmental Protection Agency
FOIA and Miscellaneous Payments
Cincinnati Finance Center
P.O. Box 979078
St. Louis, MO 63197-9000

For non-U.S. Postal Service express mail

(FedEx, Airborne, DHL, and UPS)
U.S. Bank
Government Lockbox 979078
U.S. EPA FOIA & Misc. Payments
1005 Convention Plaza
SL-MO-C2-GL
St. Louis, MO 63101

5. The Permittee shall send an updated fee calculation worksheet form and a photocopy of each fee payment check (or other confirmation of actual fee paid) submitted annually by the same deadline as required for fee payment to the address listed in the Submissions section of this permit.

[Explanatory note: The fee filing form "FF" and the fee calculation worksheet form "FEE" may be found on the EPA's website at: <https://www.epa.gov/title-v-operating-permits/epa-issued-operating-permits/>]

6. Basis for calculating annual fee:
 - (a) The annual emissions fee shall be calculated by multiplying the total tons of actual emissions of all "regulated pollutants (for fee calculation)" emitted from the source by the presumptive emissions fee (in dollars per ton) in effect at the time of calculation.
 - (i) "Actual emissions" means the actual rate of emissions in tpy of any regulated pollutant (for fee calculation) emitted from a Part 71 source over the preceding calendar year. Actual emissions shall be calculated using each emissions unit's actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year.
 - (ii) Actual emissions shall be computed using methods required by the permit for determining compliance, such as monitoring or source testing data.

- (iii) If actual emissions cannot be determined using the compliance methods in the permit, the Permittee shall use other federally recognized procedures.

[Explanatory note: The presumptive fee amount is revised each calendar year to account for inflation, and it is available from the EPA prior to the start of each calendar year.]

- (b) The annual emissions fee shall be increased by a GHG fee adjustment for any source that has initiated an activity listed in the table at §71.9(c)(8) since the fee was last paid. The GHG fee adjustment shall be equal to the set fee provided in the table at §71.9(c)(8) for each activity that has been initiated since the fee was last paid.
- (c) The Permittee shall exclude the following emissions from the calculation of fees:
 - (i) The amount of actual emissions of each regulated pollutant (for fee calculation) that the source emits in excess of 4,000 tpy;
 - (ii) Actual emissions of any regulated pollutant (for fee calculation) already included in the fee calculation; and
 - (iii) The quantity of actual emissions (for fee calculation) of insignificant activities [defined in §71.5(c)(11)(i)] or of insignificant emissions levels from emissions at the source identified in the Permittee's application pursuant to §71.5(c)(11)(ii).

- 7. Fee calculation worksheets shall be certified as to truth, accuracy, and completeness by a responsible official.

[Explanatory note: The fee calculation worksheet form already incorporates a section to help you meet this responsibility.]

- 8. The Permittee shall retain fee calculation worksheets and other emissions-related data used to determine fee payment for 5 years following submittal of fee payment. [Emission-related data include, for example, emissions-related forms provided by the EPA and used by the Permittee for fee calculation purposes, emissions-related spreadsheets, and emissions-related data, such as records of emissions monitoring data and related support information required to be kept in accordance with §71.6(a)(3)(ii).]
- 9. Failure of the Permittee to pay fees in a timely manner shall subject the Permittee to assessment of penalties and interest in accordance with §71.9(1).
- 10. When notified by the EPA of underpayment of fees, the Permittee shall remit full payment within 30 days of receipt of notification.
- 11. A Permittee who thinks an EPA-assessed fee is in error and who wishes to challenge such fee, shall provide a written explanation of the alleged error to the EPA along with full payment of the EPA-assessed fee.

B. Annual Emissions Inventory [40 CFR 71.9(h)(1) and (2)]

1. The Permittee shall submit an annual emissions report of its actual emissions for both criteria pollutants and regulated HAPs for this source for the preceding calendar year for fee assessment purposes. The annual emissions report shall be certified by a responsible official and shall be submitted each year to the EPA by April 1st.
2. The annual emissions report shall be submitted to the EPA at the address listed in the Submissions section of this permit.

[Explanatory note: An annual emissions report, required at the same time as the fee calculation worksheet by §71.9(h), has been incorporated into the fee calculation worksheet form as a convenience.]

C. Compliance Requirements [40 CFR 71.6(a)(6), Section 113(a) and 113(e)(1) of the CAA, and 40 CFR 51.212, 52.12, 52.33, 60.11(g), 61.12]

1. Compliance with the Permit
 - (a) The Permittee shall comply with all conditions of this Part 71 permit. Any permit noncompliance constitutes a violation of the CAA and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
 - (b) It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
 - (c) For the purpose of submitting compliance certifications in accordance with §71.6(c)(5), 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.
2. Compliance Schedule [40 CFR 71.5(c)(8)(iii)]
 - (a) For applicable requirements with which the source is in compliance, the source will continue to comply with such requirements.
 - (b) For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis.
3. Compliance Certifications [40 CFR 71.6(c)(5)]
 - (a) The Permittee shall submit to the EPA a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices annually by April 1st, and shall cover the same 12-month period as the two consecutive semi-annual monitoring reports.

[Explanatory note: To help Part 71 Permittees meet reporting responsibilities, the EPA has developed a reporting form for annual compliance certifications. The form may be found on the EPA's website at: <https://www.epa.gov/title-v-operating-permits/epa-issued-operating-permits>]

- (b) The compliance certification shall be certified as to truth, accuracy, and completeness by a responsible official consistent with §71.5(d).
- (c) The certification shall include the following:
 - (i) Identification of each permit term or condition that is the basis of the certification;
 - (ii) The identification of the method(s) or other means used for determining the compliance status of each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required in this permit. If necessary, the Permittee also shall identify any other material information that shall be included in the certification to comply with section 113(c)(2) of the CAA, which prohibits knowingly making a false certification or omitting material information;
 - (iii) The status of compliance with each term and condition of the permit for the period covered by the certification based on the method or means designated in (ii) above. The certification shall identify each deviation and take it into account in the compliance certification;
 - (iv) Such other facts as the EPA may require to determine the compliance status of the source; and
 - (v) Whether compliance with each permit term was continuous or intermittent.

D. Duty to Provide and Supplement Information [40 CFR 71.6(a)(6)(v), 71.5(a)(3), and 71.5(b)]

1. The Permittee shall furnish to the EPA, within a reasonable time, any information that the EPA may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the EPA copies of records that are required to be kept pursuant to the terms of the permit, including information claimed to be confidential. Information claimed to be confidential shall be accompanied by a claim of confidentiality according to the provisions of 40 CFR part 2, subpart B.
2. The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, 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.

E. Submissions [40 CFR 71.5(d), 71.6(c)(1) and 71.9(h)(2)]

1. Any document (application form, report, compliance certification, etc.) required to be submitted under this permit shall be certified by a responsible official as to truth, accuracy, and completeness. Such certifications shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Explanatory note: the EPA has developed a reporting form "CTAC" for certifying truth, accuracy and completeness of Part 71 submissions. The form may be found on the EPA's website at: <https://www.epa.gov/title-v-operating-permits/epa-issued-operating-permits/>]

2. All fee calculation worksheets and applications for renewals and permit modifications shall be submitted to:

Part 71 Permit Contact, Air Program, 8P-AR
U.S. Environmental Protection Agency,
1595 Wynkoop Street
Denver, Colorado 80202

3. Except where otherwise specified, all reports, test data, monitoring data, notifications, and compliance certifications shall be submitted to:

Director, Air Toxics and Technical Enforcement Program, 8ENF-AT
U.S. Environmental Protection Agency,
1595 Wynkoop Street
Denver, Colorado 80202

F. Severability Clause [40 CFR 71.6(a)(5)]

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.

G. Permit Actions [40 CFR 71.6(a)(6)(iii)]

This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

H. Administrative Permit Amendments [40 CFR 71.7(d)]

The Permittee may request the use of administrative permit amendment procedures for a permit revision that:

1. Corrects typographical errors;

2. Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
3. Requires more frequent monitoring or reporting by the Permittee;
4. Allows for a change in ownership or operational control of a source where the EPA determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittee has been submitted to the EPA;
5. Incorporates into the Part 71 permit the requirements from preconstruction review permits authorized under an EPA-approved program, provided that such a program meets procedural requirements substantially equivalent to the requirements of §§71.7 and 71.8 that would be applicable to the change if it were subject to review as a permit modification, and compliance requirements substantially equivalent to those contained in §71.6; or
6. Incorporates any other type of change which the EPA has determined to be similar to those listed in (1) through (5) above.

[Note to Permittee: If 1 through 5 above do not apply, please contact the EPA for a determination of similarity prior to submitting your request for an administrative permit amendment under this provision.]

I. Minor Permit Modifications [40 CFR 71.7(e)(1)]

1. The Permittee may request the use of minor permit modification procedures only for those modifications that:
 - (a) Do not violate any applicable requirement;
 - (b) Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
 - (c) Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
 - (d) Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - (i) A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I; and
 - (ii) An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA;
 - (e) Are not modifications under any provision of Title I of the CAA; and

- (f) Are not required to be processed as a significant modification.
- 2. Notwithstanding the list of changes ineligible for minor permit modification procedures in 1 above, minor permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in an applicable implementation plan or in applicable requirements promulgated by the EPA.
- 3. An application requesting the use of minor permit modification procedures shall meet the requirements of §71.5(c) and shall include the following:
 - (a) A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - (b) The source's suggested draft permit;
 - (c) Certification by a responsible official, consistent with §71.5(d), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
 - (d) Completed forms for the permitting authority to use to notify affected States as required under §71.8.
- 4. The source may make the change proposed in its minor permit modification application immediately after it files such application. After the source makes the change allowed by the preceding sentence, and until the permitting authority takes any of the actions authorized by §71.7(e)(1)(iv)(A) through (C), the source shall comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it.
- 5. The permit shield under §71.6(f) may not extend to minor permit modifications.

J. Significant Permit Modifications [40 CFR 71.7(e)(3), 71.8(d), and 71.5(a)(2)]

- 1. The Permittee shall request the use of significant permit modification procedures for those modifications that:
 - (a) Do not qualify as minor permit modifications or as administrative amendments;
 - (b) Are significant changes in existing monitoring permit terms or conditions; or
 - (c) Are relaxations of reporting or recordkeeping permit terms or conditions.
- 2. Nothing herein shall be construed to preclude the Permittee from making changes consistent with Part 71 that would render existing permit compliance terms and conditions irrelevant.

3. Permittees shall meet all requirements of Part 71 for applications, public participation, and review by affected states and tribes for significant permit modifications. For the application to be determined complete, the Permittee shall supply all information that is required by §71.5(c) for permit issuance and renewal, but only that information that is related to the proposed change.

K. Reopening for Cause [40 CFR 71.7(f)]

The permit may be reopened and revised prior to expiration under any of the following circumstances:

1. Additional applicable requirements under the CAA become applicable to a major Part 71 source with a remaining permit term of three or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to §71.7(c)(3);
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;
3. The EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or
4. The EPA determines that the permit shall be revised or revoked to assure compliance with the applicable requirements.

L. Property Rights [40 CFR 71.6(a)(6)(iv)]

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

M. Inspection and Entry [40 CFR 71.6(c)(2)]

1. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow the EPA or an authorized representative to perform the following:
2. Enter upon the Permittee's premises where a Part 71 source is located or emissions-related activity is conducted, or where records shall be kept under the conditions of the permit;
3. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of the permit;
4. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

5. As authorized by the CAA, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

N. Transfer of Ownership or Operation [40 CFR 71.7(d)(1)(iv)]

A change in ownership or operational control of this source may be treated as an administrative permit amendment if the EPA determines no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittee has been submitted to the EPA.

O. Off Permit Changes [40 CFR 71.6(a)(12) and 40 CFR 71.6(a)(3)(ii)]

The Permittee is allowed to make certain changes without a permit revision, provided that the following requirements are met, and that all records required by this section are kept for a period of 5 years:

1. Each change is not addressed or prohibited by this permit;
2. Each change shall meet with all applicable requirements and shall not violate any existing permit term or condition;
3. Changes under this provision may not include changes subject to any requirement of 40 CFR parts 72 through 78 or modifications under any provision of Title I of the CAA;
4. The Permittee shall provide contemporaneous written notice to the EPA of each change, except for changes that qualify as insignificant activities under §71.5(c)(11). The written notice shall describe each change, the date of the change, any change in emissions, pollutants emitted, and any applicable requirements that would apply as a result of the change;
5. The permit shield does not apply to changes made under this provision;
6. The Permittee shall keep a record describing all changes that result in emissions of any regulated air pollutant subject to any applicable requirement not otherwise regulated under this permit, and the emissions resulting from those changes;
7. The notice shall be kept on site and made available to the EPA on request, in accordance with the general recordkeeping provision of this permit; and
8. Submittal of the written notice required above shall not constitute a waiver, exemption, or shield from applicability of any applicable standard or prevention of significant deterioration (PSD) permitting requirements under 40 CFR 52.21 that would be triggered by the change.

P. Permit Expiration and Renewal [40 CFR 71.5(a)(1)(iii), 71.5(a)(2), 71.5(c)(5), 71.6(a)(11), 71.7(b), 71.7(c)(1), and 71.7(c)(3)]

1. This permit shall expire upon the earlier occurrence of the following events:

- (a) Five (5) years elapse from the date of issuance; or
 - (b) The source is issued a Part 70 or Part 71 permit under an EPA-approved or delegated permit program.
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 six months but not more than 18 months prior to the date of expiration of this permit.
 3. If the Permittee submits a timely and complete permit application for renewal, consistent with §71.5(a)(2), but the EPA has failed to issue or deny the renewal permit, then all the terms and conditions of the permit, including any permit shield granted pursuant to §71.6(f) shall remain in effect until the renewal permit has been issued or denied.
 4. The Permittee's failure to have a Part 71 permit is not a violation of this part until the EPA takes final action on the permit renewal application. This protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit any additional information identified as being needed to process the application by the deadline specified in writing by the EPA.
 5. Renewal of this permit is subject to the same procedural requirements that apply to initial permit issuance, including those for public participation, affected State, and tribal review.
 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.