NORTH Dakota | Environmental Quality
Be Legendary.℠

November 17, 2026

Sent via email only: THGibbons@marathonpetroleum.com

Mr. Thomas Gibbons
Senior Environmental Specialist
MPLX
1515 Arapahoe Street, Tower 1, Suite 1600
Denver, CO 80202

Re: Air Quality
Title V (Renewal)
Permit to Operate

Dear Mr. Gibbons:

Pursuant to the Air Pollution Control Rules of the State of North Dakota, the Department of Environmental Quality (Department) has reviewed your permit application dated May 13, 2026 for the Robinson Lake Gas Plant located in Mountrail County, North Dakota.

Enclosed is a copy of the Department's draft/proposed Title V Permit to Operate and statement of basis for the facility. Before making final determinations on the permit application, the Department provides for public comment by means of the enclosed public notice, to be immediately followed by a 45-day Environmental Protection Agency (EPA) review period. As indicated in the notice, the 30-day public comment period will begin November 27, 2026 and end December 26, 2026.

If any changes are subsequently made to the draft permit, then a review copy of the proposed permit reflecting those changes will be provided to EPA prior to the start of a 45-day EPA review period. The 45-day EPA review period is scheduled to begin December 27, 2026 and end February 9, 2027.

All comments received will be considered in the final determination concerning issuance of the permit. The Department will take final action on the permit application following the public comment period and the EPA review period. You will be notified in writing of our final determination.

If you have any questions, please contact me at (701)328-5218 or email kkschneider@nd.gov.

Sincerely,

Kyla K. Schneider
Environmental Scientist

KKS: RLS
Enc:
xc/enc: EPA Region 8, Air Permitting (email – r8airpermitting@epa.gov)

NOTICE OF INTENT TO ISSUE AN
AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE

Take notice that the North Dakota Department of Environmental Quality (NDDEQ) proposes to reissue an Air Pollution Control Permit to Operate to Andeavor Field Services LLC for operation of the Robinson Lake Gas Plant in accordance with the ND Air Pollution Control Rules. The facility is located at Section 23, T153N, R91W near Belden in Mountrail County and gathers and processes field gas for delivery to market. The Andeavor Field Services LLC mailing address is 1611 E Century Avenue, Suite 300, Bismarck, ND 58503. The draft permit incorporates ACP-18215 v1.0 and ACP-18309 v1.0.

A thirty-day public comment period for the draft permit will begin November 27, 2026 and end December 26, 2026. Direct comments in writing to the NDDEQ, Division of Air Quality, 4201 Normandy Street, Bismarck, ND 58503-1324 or email AirQuality@nd.gov, Re: Public Comment Permit Number AOP-28404 v2.0. Please note that, to be considered, comments submitted by email must be sent to the email address listed; comments sent to any other email address **will not** be considered. Comments must be received by 11:59 p.m. central time on the last day of the public comment period to be considered in the final permit determination. A public hearing regarding issuance of the permit will be held if a significant degree of public interest exists as determined by the NDDEQ. Requests for a public hearing must be received in writing by the NDDEQ before the end of the public comment period.

The notice, draft permit, statement of basis and application are available for review at the NDDEQ address and at the Division of Air Quality website at https://deq.nd.gov/AQ/PublicCom.aspx. A copy of these documents may be obtained by writing to the Division of Air Quality or contacting Kyla Schneider at (701)328-5218 or emailing kkschneider@nd.gov.

The NDDEQ will consider every request for reasonable accommodation to provide an accessible meeting facility or other accommodation for people with disabilities, language interpretation for people with limited English proficiency (LEP), and translations of written material necessary to access programs and information. Language assistance services are available free of charge to you. Requests for accommodation should be made as soon as possible and ideally at least 5 business days prior to a scheduled program, service or activity. Depending on the nature and complexity of the request, requests may take longer than 5 days to fulfil. Requests may be directed to the NDDEQ staff responsible for the program, service, or activity, or to the Nondiscrimination Coordinator directly. Contact the NDDEQ Nondiscrimination Coordinator directly at 701-328-5150 or deqEJ@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

Dated this 17th day of November 2026.

James L. Semerad
Director
Division of Air Quality

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AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE

Permittee: **Name:** Andeavor Field Services LLC **Address:** 1611 E Century Avenue, Suite 300 Bismarck, ND 58503	**Permit Number:** AOP-28404 v2.0 **Source Name:** Robinson Lake Gas Plant
Source Location: Belden, North Dakota NW ¼, NW ¼, Sec. 23, T153N, R91W Mountrail County	**Source Type:** Natural Gas Processing
Expiration Date: November 16, 2031	

Pursuant to Chapter 23.1-06 of the North Dakota Century Code (NDCC), and the Air Pollution Control Rules of the State of North Dakota, Article 33.1-15 of the North Dakota Administrative Code (NDAC), and in reliance on statements and representations heretofore made by the permittee (i.e., owner) designated above, a Title V Permit to Operate is hereby issued authorizing such permittee to operate the emissions units at the location designated above. This Title V Permit to Operate is subject to all applicable rules and orders now or hereafter in effect of the North Dakota Department of Environmental Quality (Department) and to any conditions specified on the following pages. All conditions are enforceable by EPA and citizens under the Clean Air Act unless otherwise noted.

Renewal: TBD

James L. Semerad
Director
Division of Air Quality

Robinson Lake Gas Plant
Title V Permit to Operate
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1. **Emission Unit Identification**:

The emission units regulated by this permit are as follows:

Table 1.1 Emission Unit Identification

Emission Unit Description [A]	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Two natural gas-fired hot oil heaters rated at 43.64 x 10^6 Btu/hr each (NSPS Dc)	HTR-1 & HTR-2	HTR-1 & HTR-2	None
Two ethylene glycol (EG) dehydration units rated at 87.5 MMscfd each	DEHY-1 & DEHY-2	FLARE-2/ FLARE-3 [B]	Still Vent-Condenser & FLARE-2/3
Triethylene glycol (TEG) dehydration unit rated at 60.0 MMscfd (NESHAP/MACT HH)	DEHY-3	RBLR-3 [D] & FLARE-2/ FLARE-3 [B]	RBLR-3, Condenser & FLARE-2/3
Natural gas-fired TEG reboiler rated at 0.75 x 10^6 Btu/hr	RBLR-3 [C]		
400 bbl condensate storage tank	TANKS [C]	FLARE-2/ FLARE-3 [B]	Submerged Fill Pipe (SFP) & FLARE-2/3
400 bbl gunbarrel tank	GB-1 [C]	FLARE-2/ FLARE-3 [B]	FLARE-2/3
400 bbl atmospheric produced water storage tank	PW-TANKS [C]	FLARE-2/ FLARE-3 [B]	SFP & FLARE-2/3
400 bbl atmospheric methanol storage tank	MT-1 [C]	FLARE-2/ FLARE-3 [B]	SFP & FLARE-2/3
Condensate truck loadout	TL-1 [C]	FLARE-1	FLARE-1
Natural gas liquids (NGL) truck loadout	TL-2 [C]	FLARE-1	Recycle or FLARE-1
Produced water loadout	TL-3 [C]	TL-3	None
Natural gasoline loadout	TL-4 [C]	FLARE-1	FLARE-1
Four 400 bbl natural gasoline tanks	STABTANKS	FLARE-2/ FLARE-3 [B]	SFP & FLARE-2/3
Process & emergency flare (Tornado Tech. - 160 ft.)	FLARE-1	FLARE-1	N/A
Tanks & TEG dehydrator flare (Steffes Eng. Flare)	FLARE-2	FLARE-2 [B]	N/A
Tanks & EG dehydrators flare (Steffes Air Assist)	FLARE-3	FLARE-3 [B]	N/A
Cummins diesel engine-driven emergency generator set rated at 755 bhp (manuf. 2010; NSPS IIII; NESHAP/MACT ZZZZ)	GEN-1 [C, E]	GEN-1	None
Caterpillar diesel engine-driven emergency generator set rated at 230 bhp (manuf. 12/2/2006; NSPS IIII; NESHAP/MACT ZZZZ)	GEN-2 [C, E]	GEN-2	None
Cummins diesel engine-driven emergency generator set rated at 755 bhp (manuf. 2014; NSPS IIII; NESHAP/MACT ZZZZ)	GEN-3 [C, E]	GEN-3	None
Two deethanizer towers (NSPS NNN)	DIST-1 (T-3510) & DIST-2 (T-7600)	FLARE-1	FLARE-1

Emission Unit Description [A]	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Depropanizer tower (NSPS NNN)	DIST-3 (T-600)	FLARE-1	FLARE-1
Debutanizer tower (NSPS NNN)	DIST-4 (T-601)	FLARE-1	FLARE-1
Condensate loadout fugitives	TL-1 FUG [C]	TL-1 FUG	None
Natural gas loadout fugitives	TL-4 FUG [C]	TL-4 FUG	None
Fourteen reciprocating compressors (NSPS OOOOa)	C-2700 [C] through C-2713 [C]	FUG-1	Leak Detection and Repair (LDAR)
Fugitive emissions (NSPS OOOOa)	FUG-1 [C]	FUG-1	LDAR

A All emission unit ratings are considered nominal ratings.

B FLARE-2 and FLARE-3 are carsealed open such that both flares are operable until one of the flares is offline, in which event the offline flare is closed and all emissions are routed to the operational flare via a bypass line between the flares (typically carsealed closed until necessary to open).

C Insignificant or fugitive emission sources (no specific emission limit).

D Flash tank overheads are routed to RBLR-3 as fuel gas under normal operation; when there is no heat demand for the reboiler, the vapors go to FLARE-2.

E The potential to emit for an emergency stationary reciprocating internal combustion engine (RICE) is based on operating no more hours per year than is allowed by the subpart (40 CFR 60, Subpart IIII and 40 CFR 63, Subpart ZZZZ) for other than emergency situations. For engines to be considered emergency stationary RICE under the RICE rules, engine operations must comply with the operating hour limits as specified in the applicable subpart. There is no time limit on the use of emergency stationary RICE in emergency situations [40 CFR 60, Subpart IIII, §60.4211(f) and 40 CFR 63, Subpart ZZZZ, §63.6640(f)].

2. **Applicable Standards, Restrictions and Miscellaneous Conditions**:

A. **Fuel Restrictions**:

1) Emission units HTR-1, HTR-2 & RBLR-3 are restricted to combusting only natural gas containing no more than 2 grains of sulfur per 100 standard cubic feet.

2) The generators (EU GEN-1, GEN-2 & GEN-3) are restricted to combusting only distillate oil containing no more than 0.0015 percent sulfur by weight.

Applicable Requirements: ACP-17871 v1.0 and NDAC 33.1-15-14-06.5.b(1)

B. **Flaring Restrictions**:

1) When it is necessary to operate the flare(s) during emergency, malfunction or maintenance, all precautions shall be taken to minimize emissions and maintain compliance with the applicable ambient air quality standards as outlined in NDAC 33.1-15-02 and the opacity

standards.

2) Each flare must be equipped and operated with an automatic ignitor or a continuous burning pilot which must be maintained in good working order as outlined in NDAC 33.1-15-07-02.

3) The presence of a flame for each flare shall be monitored using a thermocouple or any other equivalent device approved by the Department.

Applicable Requirements: ACP-17871 v1.0, ACP-17902 v1.0, ACP-17947 v1.0 and NDAC 33.1-15-14-06.5.b(1)

C. **EG Dehydrators and TEG Dehydrator Operation (EU DEHY-1, DEHY-2 and DEHY-3):**

1) At all times when EU DEHY-1, DEHY-2, and DEHY-3 are operating, the permittee must operate EU FLARE-2 or FLARE-3, as required by 40 CFR 63, §63.771(d)(4)(i).

2) If EU DEHY-1, DEHY-2, or DEHY-3 over-pressurize, the controlled parameter monitoring system (CPMS) must automatically shut down the over-pressurized dehydrator(s).

a] If EU FLARE-2 and FLARE-3 are non-operational, as indicated by unlit pilot flames observed during an operation verification assessment (OVA) inspection, the permittee shall immediately manually shut down EU DEHY-1, DEHY-2, and DEHY-3, and notification of a variance in a monitored parameter must be initiated by an alarm.

b] If EU FLARE-2 and FLARE-3 are non-operational, as indicated by the CPMS, failure of the monitoring equipment, local control panel, or programable logic controller (PLC), then the CPMS for EU FLARE-2 and FLARE-3 must alarm the permittee personnel, and the CPMS automatically shut down the affected dehydrator(s) (EU DEHY-1, DEHY-2, and/or DEHY-3), as described in the Site-Specific Monitoring Plan.

c] EU DEHY-1, DEHY-2 and/or DEHY-3 must remain shut down until the permittee performs corrective action(s), and confirms that FLARE-2 and FLARE-3 are operating as required by 40 CFR §63.771(d)(4)(i).

d] If EU DEHY-1, DEHY-2, and/or DEHY-3 fails to automatically shut down, the permittee shall conduct a Root Cause Analysis.

Applicable Requirement: ACP-18309 v1.0

D. **New Source Performance Standards (NSPS)**: The permittee shall comply with all applicable requirements of the following NDAC 33.1-15-12-02 and 40 CFR 60 subparts in addition to complying with Subpart A - General Provisions.

1) Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (EU HTR-1 & HTR-2).

2) Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (EU GEN-1, GEN-2 & GEN-3).

3) Subpart NNN - Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations After December 30, 1983, and on or Before April 25, 2023 (EU DIST-1, DIST-2, DIST-3 and DIST-4).

a) For EU DIST-1, DIST-2, DIST-3 and DIST-4, the permittee shall comply with 40 CFR 60, Subpart NNN, §60.660(d) by complying with the provisions in 40 CFR 65, Subpart D to satisfy the requirements of 40 CFR 60, Subpart NNN, §60.662 through §60.665 and §60.668.

1] All applicable process vents shall be designated as Group 1 process vents.

2] All applicable process vents shall be routed a flare [40 CFR §65.142(b)].

a] The flare shall be operated at all times when emissions are vented to them [40 CFR 65, §65.147(a)(1)].

b] The flare shall be operated with a flare flame or at least one pilot flame present at all times [40 CFR 65, §65.147(a)(3)].

c] For air-assisted flares (EU FLARE-1):

i. The net heating value of the gas for the flare must be greater than 300 Btu/scf [40 CFR 65, §65.147(a)(4)(ii)].

ii. The maximum exit velocity of the flare shall be designed and operated below the calculated Vmax as specified in 40 CFR 65, §65.147(a)(7).

4) Subpart OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 and On or Before December 6, 2022 (EU C-2700 through C-2713 and FUG-1).

Applicable Requirements: ACP-18309 v1.0 and NDAC 33.1-15-12-02, Subparts A, Dc, NNN, IIII, and OOOOa

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E. **Maximum Achievable Control Technology (MACT)**: The permittee shall comply with all applicable requirements of the following NDAC 33.1-15-22-03 and 40 CFR 63 subparts in addition to complying with Subpart A - General Provisions.

1) Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities (EU DEHY-3). The North Dakota Department of Environmental Quality has not adopted the area source provisions of this subpart. Please send all documentation in accordance with EPA regulations to U.S. EPA Region 8.

2) Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (EU GEN-1, GEN-2 & GEN-3). As an area source of HAP emissions, compliance with 40 CFR 60, Subpart IIII constitutes compliance with 40 CFR 63, Subpart ZZZZ. The North Dakota Department of Environmental Quality has not adopted the area source provisions of this subpart. Please send all documentation in accordance with EPA regulations to U.S. EPA Region 8.

Applicable Requirements: 40 CFR 63, Subparts A, HH and ZZZZ

F. **Like-Kind Emission Unit Replacement**: This permit allows the permittee to replace an existing emission unit with a like-kind unit. Replacement is subject to the following conditions.

1) The Department must be notified within 10 days of replacement. The date of manufacture of the replacement unit and any additional federal applicability must be included in the notification.

2) The replacement unit shall operate in the same manner without increasing throughput and have equal or less emissions than the unit it is replacing.

3) The replacement unit is subject to the same emission limits and performance testing requirements – both state and federal – as the existing unit. The facility must comply with any applicable federal standards (e.g. NSPS, NESHAP, MACT) triggered by the replacement.

4) Testing shall be conducted to confirm compliance with the emission limits within 180 days after start-up of the replacement unit. Emergency units shall not be required to test if replaced by a like-kind unit.

Applicable Requirement: NDAC 33.1-15-14-06.5.b(1)

3. **Emission Unit Limits**:

Table 3.1 Emission Unit Limits

Emission Unit Description	EU	EP	Pollutant/ Parameter	Emission Limit [A]	NDAC Applicable Requirement
Two hot oil heaters	HTR-1	HTR-1	Opacity	20% [B]	ACP-17871 v1.0 & 33.1-15-03-02
	HTR-2	HTR-2			

Emission Unit Description	EU	EP	Pollutant/ Parameter	Emission Limit [A]	NDAC Applicable Requirement
Two EG dehydration units	DEHY-1	FLARE-2/3 [D]	DEHY-1 & DEHY-2: Dry Gas Throughput	87.5 MMscfd [C] (12-month rolling avg.)	ACP-18215 v1.0
	DEHY-2		Glycol Flow Rate	13 gpm [C] (12-month rolling avg.)	ACP-18215 v1.0
TEG dehydration unit	DEHY-3	RBLR-3, FLARE 2/3 [D]	RBLR-3: Opacity	20% [B]	ACP-17871 v1.0 & 33.1-15-03-02
			DEHY-3: Condenser Outlet Temp.	≤ 120°F	ACP-17287 v1.0
TEG reboiler	RBLR-3		Dry Gas Throughput	60.0 MMscfd [E] (12-month rolling avg.)	ACP-18215 v1.0
			Glycol Flow Rate	10 gpm [E] (12-month rolling avg.)	ACP-18215 v1.0
Process & emergency flare	FLARE-1	FLARE-1	NO_x (24-Hr)	3,500 lb/24-hr [F] or 35 MMscfd [G]	ACP-17902 v1.0
			NO_x	40 tons/year [H]	ACP-17902 v1.0
			CO	200 tons/year [H]	ACP-17902 v1.0
			VOC	220 tons/year [H]	ACP-17902 v1.0
			Opacity	0% [I], 20% [J]	ACP-17902 v1.0 & ACP-18309 v1.0
Tanks & TEG dehydrators flares	FLARE-2	FLARE-2	Opacity	0% [K], 20% [J]	ACP-17871 v1.0, ACP-18309 v1.0 & 33.1-15-03-03.1
	FLARE-3	FLARE-3			
Emergency generator sets	GEN-1 [L]	GEN-1	Opacity	20% [B]	ACP-17871 v1.0 & 33.1-15-03-02
	GEN-2 [L]	GEN-2			
	GEN-3 [L]	GEN-3	Operating Hours	Table 1.1 Footnote E	33.1-15-12-02, Subpart IIII
Facility-wide	--	--	Methanol	4.9 tons/year (12-month rolling avg.) [M]	ACP-18215 v1.0
Fugitives	FUG-1	FUG-1	VOC	Condition 2.D.4	33.1-15-12-02, Subpart OOOOa

A Applies to each emission point, unless specified otherwise.

B 40% opacity is permissible for not more than one six-minute period per hour.

C Annual dry gas throughput for each EG dehydration unit, EU DEHY-1 and DEHY-2, shall not exceed 87.5 MMscfd and glycol flow rate shall not exceed 13 gallons per minute (gpm), determined on a 12-month rolling average. Glycol pumps used must not exceed the specified gpm design ratings.

D Additional FLARE-2/FLARE-3 emission limits associated with EU/EP RBLR-3 and EU DEHY-3 are addressed separately in this table.

E EU DEHY-3 annual dry gas throughput shall not exceed 60.0 MMscfd and glycol flow rate shall not exceed 10 gpm, determined on a 12-month rolling average. Glycol pumps used shall not exceed the specified gpm design ratings.

F Short-term limit for emergency flaring.

G The 3,500 lb/hr NO_x emission rate is calculated using a flare rate of 35 MMscfd; as such, gas flare rate can be used instead of calculating the lb/24-hr NO_x emission rate.

H Tons/year is a tons per 12-month rolling total limit.

I When operating the distillation units (EU DIST-1, DIST-2, DIST-3 and DIST-4) controlled by EU FLARE-1, the flare shall be operated with no visible emissions [as determined by a 2-hour observation period using Reference Method 22 (40 CFR 60, Appendix A)], except for periods not to exceed a total of 5 minutes during 2 consecutive hours, as determined by a 2-hour Method 22, Appendix A, 40 CFR 60 test [40 CFR §65.147(a)(2)].

J 60% opacity is permissible for not more than one six-minute period per hour; applies at all times.

K When operating EU DEHY-3 controlled by EU FLARE-2/FLARE-3, the permittee shall comply with the control device and work practice requirements as indicated in 40 CFR §63.11(b). Flares shall be designed for and operated with no visible emissions, except for periods not to exceed a total of five minutes during any two consecutive hours. Also, to ensure NSPS OOOOa exemption, tank effluent controlled by EU FLARE-3 shall operate with no visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

L If applicable, each engine must also comply with NO_x, CO and VOC emission limits established in 40 CFR 60, Subpart IIII.

M The facility shall not exceed 4.9 tons per year of methanol emissions (EU DEHY-1 and DEHY-2) determined on a 12-month rolling average.

4. Monitoring Requirements and Conditions:

A. Requirements:

Table 4.1 Emission Monitoring

Emission Unit Description	EP	Pollutant/ Parameter	Monitoring Requirement (Method)	Condition Number	NDAC Applicable Requirement
Two hot oil heaters	HTR-1 HTR-2	Opacity	Recordkeeping	4.B.1	40 CFR 60, Subpart Dc & 33.1-15-14-06.5.a(3)(a)
Two EG dehydration units	FLARE-2/ FLARE-3	DEHY-1 & DEHY-2: Dry Gas Throughput	Recordkeeping	4.B.2	ACP-18215 v1.0
		Glycol Flow Rate	Recordkeeping	4.B.2	ACP-18215 v1.0

Emission Unit Description	EP	Pollutant/ Parameter	Monitoring Requirement (Method)	Condition Number	NDAC Applicable Requirement
TEG dehydration unit	RBLR-3	RBLR-3: Opacity	Recordkeeping	4.B.1	33.1-15-14-06.5.a(3)(a)
		DEHY-3: Condenser Outlet Temp.	Recordkeeping	4.B.3	ACP-17287 v1.0
	FLARE-2/ FLARE-3	Dry Gas Throughput	Recordkeeping	4.B.2	ACP-18215 v1.0
		Glycol Flow Rate	Recordkeeping	4.B.2	ACP-18215 v1.0
Process & emergency flare	FLARE-1	NO_x (24-Hr)	Calculation & Recordkeeping	4.B.4	ACP-17902 v1.0
		NO_x	Calculation & Recordkeeping	4.B.5)a & 4.B.5)d	ACP-17902 v1.0
		CO	Calculation & Recordkeeping	4.B.5)b & 4.B.4)d	ACP-17902 v1.0
		VOC	Calculation & Recordkeeping	4.B.5)c & 4.B.4)d	ACP-17902 v1.0
		Opacity	Recordkeeping & VEO	4.B.6	33.1-15-14-06.5.a(3)(a)
		Operations	Equipment & Recordkeeping	4.B.7	ACP-18309 v1.0 & 40 CFR 65, Subpart D
Tanks & TEG dehydrators flares	FLARE-2	Opacity	Recordkeeping & VEO	4.B.6	33.1-15-14-06.5.a(3)(a)
	FLARE-3				
Emergency generator sets	GEN-1 through GEN-3	Opacity	Recordkeeping	4.B.1	33.1-15-14-06.5.a(3)(a)
		Operating Hours	Recordkeeping	4.B.8	33.1-15-12-02, Subpart IIII
Facility-wide	--	Methanol	Recordkeeping	4.B.9	ACP-18215 v1.0
Reciprocating Compressors	--	VOC	Recordkeeping & OGI	4.B.10, 4.B.11	ACP-18309 v1.0 & 33.1-15-12-02, Subpart OOOOa
Fugitives	FUG-1	VOC	OGI, LDAR & PORV Recordkeeping	4.B.11, 4.B.12, 4.B.13	ACP-18309 v1.0 & 33.1-15-12-02, Subpart OOOOa

B. **Monitoring Conditions:**

1) For purposes of compliance monitoring, burning of fuels outlined in Condition 2.A shall be considered credible evidence of compliance with the opacity limit. However, results from tests conducted in accordance with the test methods in 40 CFR 50, 51, 60, 61, or 75 will take precedence over the burning fuels as outlined in Condition 2.A for evidence of compliance or noncompliance with the opacity limit in the event of enforcement action.

2) Dry Gas Throughputs and Glycol Pumps:

a) Dehydration Unit Dry Gas Throughputs: Each month, the permittee shall calculate and record the averages of dry gas throughput for the previous month and for the previous 12-month period (12-month rolling total).

1] The Department shall be notified by the 15th day of the month in which the calculation was made anytime a limit was exceeded in any rolling 12-month period.

b) Glycol Pumps: Glycol pumps with design ratings that do not exceed the specified gpm rate shall be used and verification records shall be maintained.

1] The Department shall be notified within 15 calendar days anytime a glycol pump specified gpm rate limit is exceeded.

c) Records shall be kept on file (in an easily accessible format, electronic or otherwise) for two years and shall be submitted to the Department upon request.

3) The permittee shall observe and record the outlet temperature of the condenser using a thermocouple or an equivalent device at least once per day when EU DEHY-3 is operated.

a) If the outlet temperature is found to be above 120°F, the permittee shall investigate for a problem within eight hours, and any malfunction shall be corrected as soon as possible.

4) 24-Hour NO_x Emission Rate:

The 24-hour NO_x emission rate shall be calculated via the following method:

$$NOx\left(\frac{lb}{24\,hr}\right) = \left[\left(Gas_{Propane} \times LHV_{Propane}\right) + \left(Gas_{Inlet} \times LHV_{Inlet}\right) + \left(Gas_{Residue} \times LHV_{Residue}\right)\right] \times EF_{NOx}$$

Where,

Gas $_{Propane}$ = amount of propane flared (MMscf/day)
Gas $_{Inlet}$ = amount of inlet gas flared (MMscf/day)
Gas $_{Residue}$ = amount of residue gas flared (MMscf/day)
LHV $_{Propane}$ = lower heating value of propane (Btu/scf)
LHV $_{Inlet}$ = lower heating value of inlet gas (Btu/scf)
LHV $_{Residue}$ = lower heating value of reside gas (Btu/scf)
EF_{NOx} = 0.068 lb/MMBtu
(AP-42 Chapter 13.5 Table C-1, Feb 2018)

5) Monthly Calculations for the 12-month rolling total (NO_x, CO and VOC):

a) Monthly NO_x emissions shall be calculated via the following method:

$$NOx\ (tons/month) = \left[\left(Gas_{Propane} \times LHV_{Propane}\right) + \left(Gas_{Inlet} \times LHV_{Inlet}\right) + \left(Gas_{Residue} \times LHV_{Residue}\right)\right] \times EF_{NOx} \times \frac{1\ ton}{2000\ lb}$$

Where,

Gas $_{Propane}$ = amount of propane flared (MMscf/month)
Gas $_{Inlet}$ = amount of inlet gas flared (MMscf/month)
Gas $_{Residue}$ = amount of residue gas flared (MMscf/month)
LHV $_{Propane}$ = lower heating value of propane (Btu/scf)
LHV $_{Inlet}$ = lower heating value of inlet gas (Btu/scf)
LHV $_{Residue}$ = lower heating value of reside gas (Btu/scf)
EF_{NOx} = 0.068 lb/MMBtu
(AP-42 Chapter 13.5, Table 13.5-1, Feb 2018)

b) Monthly CO emissions shall be calculated via the following method:

$$CO\ (tons/month) = \left[\left(Gas_{Propane} \times LHV_{Propane}\right) + \left(Gas_{Inlet} \times LHV_{Inlet}\right) + \left(Gas_{Residue} \times LHV_{Residue}\right)\right] \times EF_{CO} \times \frac{1\ ton}{2000\ lb}$$

Where,

Gas $_{Propane}$ = amount of propane flared (MMscf/month)
Gas $_{Inlet}$ = amount of inlet gas flared (MMscf/month)
Gas $_{Residue}$ = amount of residue gas flared (MMscf/month)
LHV $_{Propane}$ = lower heating value of propane (Btu/scf)
LHV $_{Inlet}$ = lower heating value of inlet gas (Btu/scf)
LHV $_{Residue}$ = lower heating value of reside gas (Btu/scf)
EF_{CO} = 0.31 lb/MMBtu
(AP-42 Chapter 13.5, Table 13.5-2, Feb 2018)

c) Monthly VOC emissions shall be calculated via the following method:

$$\text{VOC } (tons/month) = \left[(MW_{Propane} \times Gas_{Propane}) + (MW_{Inlet} \times Gas_{Inlet}) + (MW_{Residue} \times Gas_{Residue})\right] \times \frac{10^6\ lb\text{-}mol}{379.4\ MMscf} \times \frac{1\ ton}{2000\ lb} \times DE$$

Where,

Gas $_{Propane}$ = amount of propane flared (MMscf/month)
Gas $_{Inlet}$ = amount of inlet gas flared (MMscf/month)
Gas $_{Residue}$ = amount of residue gas flared (MMscf/month)
MW $_{Propane}$ = molecular weight of propane (lb-mol)
MW $_{Inlet}$ = molecular weight VOCs in inlet gas (lb-mol)
MW $_{Residue}$ = molecular weight VOCs in reside gas (lb-mol)
DE = 0.02 (98% DRE of flare).
$\frac{10^6\ lb\text{-}mol}{379.4\ MMscf}$ is volume of gas at 60°C and 14.696 psia

d) Each month the permittee must record NO_x, CO and VOC emissions for the previous month and for the previous 12-month period (12-month rolling total) for EU FLARE-1/EP FLARE-1.

1] The Department shall be notified by the 15th day of the month in which the calculation was made anytime a limit was exceeded in any rolling 12-month period.

2] These records will be kept for a period of at least five years.

6) Visible Emissions Observations (VEO): Once per week in which each flare is operated, a trained company representative who is certified, has been certified, or has received Department approved visible emissions training (requires a one-time visible emissions session) shall observe each of the flare emission points. If no visible emissions are present, the permittee shall record the date, time and observation results.

a) If the observation indicates visible emissions are present, the permittee must investigate for a potential problem within eight hours. Any problems that are discovered must be corrected as soon as possible. If the correction of the situation is expected to take longer than 24 hours, the permittee shall follow procedures as outlined in Condition 7.G. Following corrective maintenance, a visible emissions observation shall be made.

1] If no visible emissions are observed, the date and time shall be recorded. If visible emissions are observed, a formal visible emissions evaluation shall be conducted in accordance with Condition 4.B.6)b.

b) If visible emissions are observed for longer than 24 hours, the permittee shall conduct a formal visible emissions evaluation of the flare to determine if the

emissions are in compliance with the applicable opacity standard. Opacity readings shall consist of three consecutive six-minute periods per day of flaring using EPA Reference Method 9 and conducted by a certified visible emissions reader.

c) All instances of visible emissions, investigations of malfunctions and corrective actions shall be recorded. The permittee shall comply with the visible emissions emission limits in Table 3.1 and nothing in this condition shall be construed as authorizing otherwise.

7) EU FLARE-1 Operations: Monitoring shall be performed by a device capable of continuously detecting that at least one pilot flame or the flare flame is present [40 CFR §65.147(c)] during operations.

a) The permittee shall keep records of the times and duration during which the flare flame and pilot flames are absent or are not operating. [40 CFR §§65.159(c) and (d)].

8) Engine Operations: A monthly log shall be kept of the hours of operation for each engine and the total hours of operation on a calendar year basis using a non-resettable hour meter. Records shall be maintained to differentiate between time operated for emergency purposes, maintenance/testing purposes, and other nonemergency purposes.

a) For certified engines, the permittee shall collect operational and maintenance data to demonstrate that the facility complies with the engine manufacturer's emission related written instructions [40 CFR 60.4211(a)].

9) Each month, the permittee shall calculate and record the facility-wide methanol emissions for the previous month and for the previous 12-month period (12-month rolling total) in tons per year.

a) Records shall be kept on file (in an easily accessible format, electronic or otherwise) and shall be submitted to the Department upon request.

10) For each reciprocating compressor affected facility, monitoring of cumulative hours of operation or number of months since previous replacement of the rod packing and dates and times of each rod packing replacement shall be in accordance with the requirements of 40 CFR 60, Subpart OOOOa, §60.5385a, as applicable.

11) Optical Gas Imaging (OGI):

a) The permittee shall develop and use a protocol for OGI monitoring of all covered equipment and fin fan unit plugs in light liquid and/or gas/vapor service (as defined in 40 CFR 60, Subpart VVa, §60.481a). The OGI Protocol shall ensure:

1] Use of an OGI instrument that complies with the requirements of 40 CFR 60, Subpart A, §60.18(i)(1).

2] Consideration of parameters such as viewing distance, thermal background, wind speed, interferences (e.g., steam), and operator training, unless sufficiently addressed by the instrument manufacturer's operating parameters. If the permittee is relying on manufacturer's operating parameters, those parameters must be included in the OGI Protocol.

3] An instrument check that complies with the requirements of 40 CFR 60, Subpart A, §60.18(i)(2) is performed on the OGI Instrument each day it is used to ensure that the OGI Instrument can effectively detect leaks under the conditions outlined in Condition 4.B.11)a)2 above.

4] Maintenance of the OGI Instrument is performed in accordance with the manufacturer's recommendations.

5] Operation of the OGI Instrument is performed in accordance with the manufacturer's operating parameters.

6] OGI leaks are defined as "Any emissions imaged by an OGI Instrument".

7] Performance of OGI monitoring must be conducted by a technician certified to detect leaks using OGI.

b) OGI monitoring of covered equipment shall be conducted semi-annually.

1] "Covered equipment" shall mean the following equipment in all covered process units: All valves, pumps, pressure relief devices, and connectors in VOC or wet gas service that are regulated under any "equipment leak" provision of 40 CFR 60.

2] The permittee shall identify all fin fan units that are in light liquid and/or gas/vapor service, as defined in 40 CFR 60, Subpart VVa, §60.481a, and the permittee shall monitor all plugs on such fin fan units, while operating, in accordance with the EPA-approved OGI Protocol. OGI monitoring shall be conducted semi-annually.

c) The permittee shall repair (or, if applicable, replace) and re-monitor leaking covered equipment in accordance with the OGI Protocol.

1] For leaking fin fan unit plugs, the permittee shall:

a] Perform a first attempt at repair no later than five days after detecting a leak.

b] Repair a leaking fin fan unit plug no later than 15 days after detecting the leak unless such repair requires a process unit

shutdown.

i. If repair requires a process unit shutdown, complete the repair no later than the end of the next process unit shutdown.

c] Perform repair verification monitoring in accordance with the OGI Protocol.

d) Applies to all leaks that are detected during an OGI monitoring event regardless of whether such leaks were found with the OGI Instrument or whether the leaks are detected using OVA inspections during an OGI survey.

12) Pilot-Operated Modulating Pressure Relief Valves (PORV):

a) The permittee shall install and operate bottom dome vent piping on any new PORV that is or will be subject to the requirements of Subpart OOOOa, with the exception of atmospheric PORVs that are not otherwise required to be routed through a closed-vent system or snap-action PORV.

b) The permittee shall monitor the PORVs subject to Subpart OOOOa on a quarterly frequency using Method 21 or the alternative work practice in accordance with 40 CFR §60.18(g) through (i), unless more frequent monitoring is required by federal, state, or local laws or regulations or the relevant covered process unit has been permanently shut down.

c) The permittee shall repair all leaks of PORVs detected at or above 500 ppm in accordance with the applicable requirements:

1] By no later than five days after detecting a leak, the permittee shall perform a first attempt at repair of the PORV.

2] By no later than 15 days after detection, the permittee shall perform a final attempt at repair of the PORV or place it on the Delay of Repair (DOR) list provided that the permittee has complied with all applicable regulations.

3] The permittee shall conduct repair verification monitoring after repair of any leaks.

4] For all PORVs placed on the DOR list, the permittee shall:

a] Require sign-off from the relevant process unit supervisor or person of similar authority that the PORV is technically infeasible to repair without a process unit shutdown.

b] Undertake monthly Method 21 monitoring of PORVs placed on the DOR list.

c] Repair the PORV within the time frame required by the applicable LDAR regulation.

d) The permittee shall install bottom dome vapor recovery piping on any existing PORV, that is subject to Subpart OOOOa, and that has a pre-existing tap and isolation valve, with the exception of the PORV categories identified in Condition 4.B.12)a.

e) For each leak identified under Condition 4.B.12)c, the permittee shall record the following information:

Date the leak was identified and the screening value
Date of all repair attempts
Repair methods used during each repair attempt
Date, time, and screening values for all re-monitoring events
Documentation of compliance with Condition 4.B.12)c for PORVs placed on the DOR list, if applicable.

13) For all equipment subject to the standard, the permittee shall comply with any additional inspection, monitoring and maintenance requirements of 40 CFR 60, Subpart OOOOa, §60.5397a, as applicable.

5. **Recordkeeping Requirements:**

A. The permittee shall maintain compliance monitoring records as outlined in the Monitoring Records table that include the following information.

1) The date, place (as defined in the permit) and time of sampling or measurement.

2) The date(s) testing was performed.

3) The company, entity, or person that performed the testing.

4) The testing techniques or methods used.

5) The results of such testing.

6) The operating conditions that existed at the time of sampling or measurement.

Applicable Requirement: NDAC 33.1-15-14-06.5.a(3)(b)[1]

Table 5.1 Monitoring Records

Emission Unit Description	EP	Pollutant/ Parameter	Compliance Monitoring Record
Two hot oil heaters	HTR-1	Opacity	Fuel Type Data
	HTR-2		
Two EG dehydration units	FLARE-2/ FLARE-3	DEHY-1 & DEHY-2: Dry Gas Throughput	Dry Gas Throughput Records Data
		Glycol Flow Rate	Glycol Flow Rate Data
TEG dehydration unit	RBLR-3	RBLR-3: Opacity	Fuel Type Data
		DEHY-3: Condenser Outlet Temp.	Temperature Records Data
	FLARE-3/ FLARE-2	Dry Gas Throughput	Dry Gas Throughput Records Data
		Glycol Flow Rate	Glycol Flow Rate Data
Process & emergency flare	FLARE-1	NO_x (24-Hr)/NO_x/ CO/VOC	Emission Calculations Data
		Opacity	Recordkeeping & VEO Data
		Operations	Equipment Use & Operations Data
Tanks & TEG dehydrators flares	FLARE-2	Opacity	Recordkeeping & VEO Data
	FLARE-3		
Emergency generator sets	GEN-1 through GEN-3	Opacity	Fuel Type Data
		Operating Hours	Hours of Operation Data
Facility-wide	--	Methanol	Emission Calculations Data
Reciprocating Compressors	--	VOC	OGI & Recordkeeping Data
Fugitives – OOOOa	FUG-1	VOC	OGI, LDAR Inspection, Monitoring & Repair & PORV Records Data

B. In addition to requirements outlined in Condition 5.A, recordkeeping shall be in accordance with the following requirements of NDAC 33.1-15-12 and 40 CFR 63, as applicable.

1) NDAC 33.1-15-12-02:

a) Subpart A, §60.7, Notification and Recordkeeping

b) Subpart Dc, §60.48c, Reporting and Recordkeeping Requirements

c) Subpart NNN, §60.665, Reporting and Recordkeeping Requirements

d) Subpart IIII, §60.4214, Notification, Reports and Records for Owners and Operators

e) Subpart OOOOa, §60.5420a and §60.5421a, Notification, Reporting, and Recordkeeping Requirements and Additional Recordkeeping Requirements

2) 40 CFR 63:

a) Subpart A, §63.10, Recordkeeping and Reporting Requirements

b) Subpart HH, §63.774, Recordkeeping Requirements

Applicable Requirements: NDAC 33.1-15-12-02, Subparts A, Dc, NNN and IIII and 40 CFR 63, Subparts A and HH

C. The permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings/computer printouts of continuous monitoring instrumentation, and copies of all reports required by the permit.

Applicable Requirement: NDAC 33.1-15-14-06.5.a(3)(b)[2]

6. **Reporting**:

A. Reporting shall be in accordance with the following requirements of NDAC 33.1-15-12 and 40 CFR 63, as applicable.

1) NDAC 33.1-15-12:

a) Subpart A, §60.7, Notification and Recordkeeping

b) Subpart Dc, §60.48c, Reporting and Recordkeeping Requirements

c) Subpart NNN, §60.665, Reporting and Recordkeeping Requirements

d) Subpart IIII, §60.4214, Notification, Reports and Records for Owners and Operators

e) Subpart OOOOa, §60.5420a and §60.5422a, Notification, Reporting, and Recordkeeping Requirements and Additional Reporting Requirements

2) 40 CFR 63:

a) Subpart A, §63.10, Recordkeeping and Reporting Requirements

b) Subpart HH, §63.775, Reporting Requirements

Applicable Requirements: NDAC 33.1-15-12-02, Subparts A, Dc, NNN and IIII and 40 CFR 63, Subparts A and HH

B. The permittee shall submit a semi-annual monitoring report for all monitoring records required under Condition 5 in a format provided or approved by the Department. All instances of deviations from the permit must be identified in the report. A monitoring report shall be submitted within 45 days after June 30 and December 31 of each year.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(3)(c)[1] and [2]

C. The permittee shall submit an annual compliance certification report in accordance with NDAC 33.1-15-14-06.5.c(5) within 45 days after December 31 of each year in a format provided or approved by the Department.

Applicable Requirement: NDAC 33.1-15-14-06.5.c(5)

D. For emission units where the method of compliance monitoring is demonstrated by an EPA Test Method, the test report shall be submitted to the Department within 60 days after completion of the test.

Applicable Requirement: NDAC 33.1-15-14-06.5.a(6)(e)

E. The permittee shall submit an annual emission inventory report (AEIR) in a format provided or approved by the Department. This report shall be submitted by March 15 of each year. Insignificant units/activities listed in this permit do not need to be included in the report.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(7) and NDAC 33.1-15-23-04

7. **Facility Wide Operating Conditions:**

A. **Ambient Air Quality Standards:**

1) Particulate and gases. The permittee shall not emit air contaminants in such a manner or amount that would violate the standards of ambient air quality listed in Table 1 of NDAC 33.1-15-02, external to buildings, to which the general public has access.

2) Radioactive substances. The permittee shall not release into the ambient air any radioactive substances exceeding the concentrations specified in NDAC 33.1-10.

3) Other air contaminants. The permittee shall not emit any other air contaminants in concentrations that would be injurious to human health or well-being or unreasonably interfere with the enjoyment of property or that would injure plant or animal life.

4) Disclaimer. Nothing in any other part or section of this permit may in any manner be construed as authorizing or legalizing the emission of air contaminants in such manner that would violate the standards in Paragraphs 1), 2) and 3) of this condition.

Applicable Requirements: NDAC 33.1-15-02-04 and 40 CFR 50.1(e)

B. **Fugitive Emissions**: The release of fugitive emissions shall comply with the applicable requirements in NDAC 33.1-15-17.

Applicable Requirement: NDAC 33.1-15-17

C. **Open Burning**: The permittee may not cause, conduct, or permit open burning of refuse, trade waste, or other combustible material, except as provided for in Section 33.1-15-04-02 and may not conduct, cause, or permit the conduct of a salvage operation by open burning. Any permissible open burning under NDAC 33.1-15-04-02 must comply with the requirements of that section.

Applicable Requirement: NDAC 33.1-15-04

D. **Asbestos Renovation or Demolition**: Any asbestos renovation or demolition at the facility shall comply with emission standard for asbestos in NDAC 33.1-15-13.

Applicable Requirement: NDAC 33.1-15-13-02

E. **Requirements for Organic Compounds Gas Disposal**:

1) Any organic compounds, gases and vapors which are generated as wastes as the result of storage, refining or processing operations and which contain hydrogen sulfide shall be incinerated, flared or treated in an equally effective manner before being released into the ambient air.

2) Each flare must be equipped and operated with an automatic ignitor or a continuous burning pilot.

Applicable Requirement: NDAC 33.1-15-07-02

F. **Rotating Pumps and Compressors**: All rotating pumps and compressors handling volatile organic compounds must be equipped and operated with properly maintained seals designed for their specific product service and operating conditions.

Applicable Requirement: NDAC 33.1-15-07-01.5

G. **Shutdowns/Malfunction/Continuous Emission Monitoring System Failure**:

1) Maintenance Shutdowns. In the case of shutdown of air pollution control equipment for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Department at least 24 hours prior to the planned shutdown provided that the air

contaminating source will be operated while the control equipment is not in service. Such prior notice shall include the following:

a) Identification of the specific facility to be taken out of service as well as its location and permit number.

b) The expected length of time that the air pollution control equipment will be out of service.

c) The nature and estimated quantity of emissions of air pollutants likely to be emitted during the shutdown period.

d) Measures, such as the use of off-shift labor and equipment, that will be taken to minimize the length of the shutdown period.

e) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period.

f) Nothing in this subsection shall in any manner be construed as authorizing or legalizing the emission of air contaminants in excess of the rate allowed by this article or a permit issued pursuant to this article.

Applicable Requirement: NDAC 33.1-15-01-13.1

2) Malfunctions.

a) When a malfunction in any installation occurs that can be expected to last longer than 24 hours and cause the emission of air contaminants in violation of this article or other applicable rules and regulations, the person responsible for such installation shall notify the Department of such malfunction as soon as possible during normal working hours. The notification must contain a statement giving all pertinent facts, including the estimated duration of the breakdown. The Department shall be notified when the condition causing the malfunction has been corrected.

b) Immediate notification to the Department is required for any malfunction that would threaten health or welfare or pose an imminent danger. During normal working hours the Department can be contacted at 701-328-5188. After hours the Department can be contacted through the 24-hour state radio emergency number 1-800-472-2121. If calling from out of state, the 24-hour number is 701-328-9921.

c) Unavoidable Malfunction. The owner or operator of a source who believes any excess emissions resulted from an unavoidable malfunction shall submit a written report to the Department which includes evidence that:

[1] The excess emissions were caused by a sudden, unavoidable breakdown of technology that was beyond the reasonable control of the owner or operator.

[2] The excess emissions could not have been avoided by better operation and maintenance, did not stem from an activity or event that could have been foreseen and avoided, or planned for.

[3] To the extent practicable, the source maintained and operated the air pollution control equipment and process equipment in a manner consistent with good practice for minimizing emissions, including minimizing any bypass emissions.

[4] Any necessary repairs were made as quickly as practicable, using off-shift labor and overtime as needed and possible.

[5] All practicable steps were taken to minimize the potential impact of the excess emissions on ambient air quality.

[6] The excess emissions are not part of a recurring pattern that may have been caused by inadequate operation or maintenance, or inadequate design of the malfunctioning equipment.

The report shall be submitted within 30 days of the end of the calendar quarter in which the malfunction occurred or within 30 days of a written request by the Department, whichever is sooner.

The burden of proof is on the owner or operator of the source to provide sufficient information to demonstrate that an unavoidable equipment malfunction occurred. The Department may elect not to pursue enforcement action after considering whether excess emissions resulted from an unavoidable equipment malfunction. The Department will evaluate, on a case-by-case basis, the information submitted by the owner or operator to determine whether to pursue enforcement action.

Applicable Requirement: NDAC 33.1-15-01-13.2

3) Continuous Emission Monitoring System Failures. When a failure of a continuous emission monitoring system occurs, an alternative method for measuring or estimating emissions must be undertaken as soon as possible. The owner or operator of a source that uses an alternative method shall have the burden of demonstrating that the method is accurate. Timely repair of the emission monitoring system must be made. The provisions of this subsection do not apply to sources that are subject to monitoring requirements in NDAC 33.1-15-21 (40 CFR 75, Acid Rain Program).

Applicable Requirement: NDAC 33.1-15-01-13.3

H. **Noncompliance Due to an Emergency**: The permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:

1) An emergency occurred, and that the permittee can identify the cause(s) of the emergency;

2) The permitted facility was at the time being properly operated;

3) During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and

4) The permittee submitted notice of the emergency to the Department within one working day of the time when emission limitations were exceeded longer than 24-hours due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. Those emergencies not reported within one working day, as well as those that were, will be included in the semi-annual report.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

Technology-based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a New Source Performance Standard) rather than those established to attain a health-based air quality standard.

An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of this source, including acts of God, which requires immediate corrective action to restore normal operation, and that causes this source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

Applicable Requirement: NDAC 33.1-15-14-06.5.g

I. **Air Pollution from Internal Combustion Engines**: The permittee shall comply with all applicable requirements of NDAC 33.1-15-08-01 – Internal Combustion Engine Emissions Restricted.

Applicable Requirement: NDAC 33.1-15-08-01

J. **Prohibition of Air Pollution:**

1) The permittee shall not permit or cause air pollution, as defined in NDAC 33.1-15-01-04.

2) Nothing in any other part of this permit or any other regulation relating to air pollution shall in any manner be construed as authorizing or legalizing the creation or maintenance of air pollution.

Applicable Requirement: NDAC 33.1-15-01-15

K. **Performance Tests:**

1) The Department may reasonably require the permittee to make or have made tests, at a reasonable time or interval, to determine the emission of air contaminants from any source, for the purpose of determining whether the permittee is in violation of any standard or to satisfy other requirements of NDCC 23.1-06. All tests shall be made, and the results calculated in accordance with test procedures approved or specified by the Department including the North Dakota Department of Environmental Quality Emission Testing Guideline. All tests shall be conducted by reputable, qualified personnel. The Department shall be given a copy of the test results in writing and signed by the person responsible for the tests.

2) The Department may conduct tests of emissions of air contaminants from any source. Upon request of the Department, the permittee shall provide necessary and adequate access into stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants.

Applicable Requirement: NDAC 33.1-15-01-12

3) Except for sources subject to 40 CFR 63, the permittee shall notify the Department by submitting a Proposed Test Plan, or its equivalent, at least 30 calendar days in advance of any tests of emissions of air contaminants required by the Department. The permittee shall notify the Department at least 60 calendar days in advance of any performance testing required under 40 CFR 63, unless otherwise specified by the subpart. If the permittee is unable to conduct the performance test on the scheduled date, the permittee shall notify the Department as soon as practicable when conditions warrant and shall coordinate a new test date with the Department.

Failure to give the proper notification may prevent the Department from observing the test. If the Department is unable to observe the test because of improper notification, the test results may be rejected.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(3)(a), NDAC 33.1-15-12-02 Subpart A (40 CFR 60.8), NDAC 33.1-15-13-01.2 Subpart A (40 CFR 61.13) and NDAC 33.1-15-22-03 Subpart A (40 CFR 63.7)

L. **Pesticide Use and Disposal**: Any use of a pesticide or disposal of surplus pesticides and empty pesticide containers shall comply with the requirements in NDAC 33.1-15-10.

Applicable Requirements: NDAC 33.1-15-10-01 and NDAC 33.1-15-10-02

M. **Air Pollution Emergency Episodes**: When an air pollution emergency episode is declared by the Department, the permittee shall comply with the requirements in NDAC 33.1-15-11.

Applicable Requirements: NDAC 33.1-15-11-01 through NDAC 33.1-15-11-04

N. **Stratospheric Ozone Protection**: The permittee shall comply with any applicable standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:

1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to Section 82.156.

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

3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to Section 82.161.

4) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to Section 82.156.

Applicable Requirement: 40 CFR 82

O. **Chemical Accident Prevention**: The permittee shall comply with all applicable requirements of Chemical Accident Prevention pursuant to 40 CFR 68. The permittee shall comply with the requirements of this part no later than the latest of the following dates:

1) Three years after the date on which a regulated substance is first listed under this part; or

2) The date on which a regulated substance is first present above a threshold quantity in a process.

Applicable Requirement: 40 CFR 68

P. **Air Pollution Control Equipment**: The permittee shall maintain and operate air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. The manufacturer's recommended Operations and Maintenance (O&M) procedures, or a site-specific O&M procedure developed from the manufacturer's recommended O&M procedures, shall be followed to assure proper operation and maintenance of the equipment. The permittee shall have the O&M procedures available onsite and provide the Department with a copy when requested.

Applicable Requirement: NDAC 33.1-15-14-06.5.b(1)

Q. **Prevention of Significant Deterioration of Air Quality** (40 CFR 52.21 as incorporated by NDAC 33.1-15-15): If this facility is classified as a major stationary source under the Prevention of Significant Deterioration of Air Quality (PSD) rules, a Permit to Construct must be obtained from the Department for any project which meets the definition of a "major modification" under 40 CFR 52.21(b)(2).

If this facility is classified as a major stationary source under the PSD rules and the permittee elects to use the method specified in 40 CFR 52.21(b)(41)(ii)(a) through (c) for calculating the projected actual emissions of a proposed project, then the permittee shall comply with all applicable requirements of 40 CFR 52.21(r)(6).

Applicable Requirement: NDAC 33.1-15-15-01.2

8. **General Conditions:**

A. **Annual Fee Payment**: The permittee shall pay an annual fee, for administering and monitoring compliance, which is determined by the actual annual emissions of regulated contaminants from the previous calendar year. The Department will send a notice, identifying the amount of the annual permit fee, to the permittee of each affected installation. The fee is due within 60 days following the date of such notice. Any source that qualifies as a "small business" may petition the Department to reduce or exempt any fee required under this section. Failure to pay the fee in a timely manner or submit a certification for exemption may cause this Department to initiate action to revoke the permit.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(7) and NDAC 33.1-15-23-04

B. **Permit Renewal and Expiration**: This permit shall be effective from the date of its issuance for a fixed period of five years. The permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least six months, but no more than 18 months, prior to the date of permit expiration. The Department shall approve or disapprove the renewal application within 60 days of receipt. Unless the Department requests additional information or otherwise notifies the applicant of incompleteness, the application shall be deemed complete. For timely and complete renewal applications for which the Department has failed to issue or deny the renewal permit before the expiration date of the previous permit, all terms and conditions of the permit, including any permit shield previously

granted shall remain in effect until the renewal permit has been issued or denied. The application for renewal shall include the current permit number, description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

Applicable Requirements: NDAC 33.1-15-14-06.4 and NDAC 33.1-15-14-06.6

C. **Transfer of Ownership or Operation**: This permit may not be transferred except by procedures allowed in NDAC 33.1-15-14 and is to be returned to the Department upon the destruction or change of ownership of the source unit(s), or upon expiration, suspension or revocation of this permit. A change in ownership or operational control of a source is treated as an administrative permit amendment if no other change in the 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 Department.

Applicable Requirement: NDAC 33.1-15-14-06.6.d

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

Applicable Requirement: NDAC 33.1-15-14-06.5.a(6)(d)

E. **Submissions**:

1) Reports, test data, monitoring data, notifications, and requests for renewal shall be submitted to the Department using a format provided or approved by the Department. Physical submittals shall be submitted to:

North Dakota Department of Environmental Quality
Division of Air Quality
4201 Normandy Street, 2nd Floor
Bismarck, ND 58503-1324

2) Any application form, report or compliance certification submitted shall be certified as being true, accurate, and complete by a responsible official.

Applicable Requirement: NDAC 33.1-15-14-06.4.d

F. **Right of Entry**: Any duly authorized officer, employee or agent of the North Dakota Department of Environmental Quality may enter and inspect any property, premise or place listed on this permit or where records are kept concerning this permit at any reasonable time for the purpose of ascertaining the state of compliance with this permit and the North Dakota Air Pollution Control Rules. The Department may conduct tests and take samples of air contaminants, fuel, processing material, and other materials which affect or may affect emissions of air contaminants from any source. The Department shall have the right to access and copy any records required by the Department's rules and to inspect monitoring equipment located on the premises.

Applicable Requirements: NDAC 33.1-15-14-06.5.c(2) and NDAC 33.1-15-01-06

G. **Compliance**: The permittee must comply with all conditions of this permit. Any noncompliance with a federally-enforceable permit condition constitutes a violation of the Federal Clean Air Act. Any noncompliance with any State enforceable condition of this permit constitutes a violation of NDCC Chapter 23.1-06 and NDAC 33.1-15. Violation of any condition of this permit is grounds for enforcement action, for permit termination, revocation and reissuance or modification, or for denial of a permit renewal application. Noncompliance may also be grounds for assessment of penalties under the NDCC 23.1-06. 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.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(6)(a) and NDAC 33.1-15-14-06.5.a(6)(b)

H. **Duty to Provide Information**: The permittee shall furnish to the Department, within a reasonable time, any information that the Department 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. This includes instances where an alteration, repair, expansion, or change in method of operation of the source occurs. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such recourse directly to the Department along with a claim of confidentiality. 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. Items that warrant supplemental information submittal include, but are not limited to, changes in the ambient air boundary and changes in parameters associated with emission points (i.e., stack parameters). The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

Applicable Requirements: NDAC 33.1-15-14-06.5.a(6)(c), NDAC 33.1-15-14-06.6.b(3) and NDAC 33.1-15-14-06.4.b

I. **Reopening for Cause**: The Department will reopen and revise this permit as necessary to remedy deficiencies in the following circumstances:

1) Additional applicable requirements under the Federal Clean Air Act become applicable to the permittee 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 expiration date of this permit.

2) The Department or the United States Environmental Protection Agency determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

3) The Department or the United States Environmental Protection Agency determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

4) Reopenings shall not be initiated before a notice of intent to reopen is provided to the permittee by the Department at least 30 days in advance of the date that this permit is to be

reopened, except that the Department may provide a shorter time period in the case of an emergency. Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

Applicable Requirement: NDAC 33.1-15-14-06.6.f

J. **Permit Changes**: The 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.

Applicable Requirement: NDAC 33.1-15-14-06.5.a(6)(c)

K. **Off-Permit Changes**: A permit revision is not required for changes that are not addressed or prohibited by this permit, provided the following conditions are met:

1) No such change may violate any term or condition of this permit.

2) Each change must comply with all applicable requirements.

3) Changes under this provision may not include changes or activities subject to any requirement under Title IV or that are modifications under any provision of Title I of the Federal Clean Air Act.

4) A Permit to Construct under NDAC 33.1-15-14-02 has been issued, if required.

5) Before the permit change is made, the permittee must provide written notice to both the Department and Air Program (8P-AR), Office of Partnerships & Regulatory Assistance, US EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129, except for changes that qualify as insignificant activities in Section 33.1-15-14-06. This notice shall describe each change, the date of the change, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result.

6) The permittee shall record 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. The record shall reside at the permittee's facility.

Applicable Requirement: NDAC 33.1-15-14-06.6.b(3)

L. **Administrative Permit Amendments**: This permit may be revised through an administrative permit amendment, if the revision to this permit accomplishes one of the following:

1) Corrects typographical errors.

2) Identifies a change in the name, address or phone number of any person identified in this 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 the source where the Department 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 Department.

5) Incorporates into the Title V permit the requirements from a Permit to Construct when the review was substantially equivalent to Title V requirements for permit issuance, renewal, reopenings, revisions and permit review by the United States Environmental Protection Agency and affected state review, that would be applicable to the change if it were subject to review as a permit modification and compliance requirements substantially equivalent to Title V requirements for permit content were contained in the Permit to Construct.

6) Incorporates any other type of change which the Administrator of the United States Environmental Protection Agency has approved as being an administrative permit amendment as part of the Department's approved Title V operating permit program.

Applicable Requirement: NDAC 33.1-15-14-06.6.d

M. **Minor Permit Modifications**: This permit may be revised by a minor permit modification, if the proposed permit modification meets the following requirements:

1) Does not violate any applicable requirement.

2) Does not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in this permit.

3) Does 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.

4) Does 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 a federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the Federal Clean Air Act; and alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the Federal Clean Air Act.

5) Is not a modification under NDAC 33.1-15-12, 33.1-15-13, and 33.1-15-15 or any provision of Title I of the Federal Clean Air Act.

6) Is not required to be processed as a significant modification.

Applicable Requirement: NDAC 33.1-15-14-06.6.e(1)

N. **Significant Modifications**:

1) Significant modification procedures shall be used for applications requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments. Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or recordkeeping permit terms or conditions shall be considered significant. Nothing therein shall be construed to preclude the permittee from making changes consistent with this subsection that would render existing permit compliance terms and conditions irrelevant.

2) Significant permit modifications shall meet all Title V requirements, including those for applications, public participation, review by affected states, and review by the United States Environmental Protection Agency, as they apply to permit issuance and permit renewal. The Department shall complete review of significant permit modifications within nine months after receipt of a complete application.

Applicable Requirement: NDAC 33.1-15-14-06.6.e(3)

O. **Operational Flexibility**: The permittee is allowed to make a limited class of changes within the permitted facility that contravene the specific terms of this permit without applying for a permit revision, provided the changes do not exceed the emissions allowable under this permit, are not Title I modifications and a Permit to Construct is not required. This class of changes does not include changes that would violate applicable requirements; or changes to federally-enforceable permit terms or conditions that are monitoring, recordkeeping, reporting, or compliance certification requirements.

The permittee is required to send a notice to both the Department and Air Program (8P-AR), Office of Partnerships & Regulatory Assistance, US EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129, at least seven days in advance of any change made under this provision. The notice must describe the change, when it will occur and any change in emissions, and identify any permit terms or conditions made inapplicable as a result of the change. The permittee shall attach each notice to its copy of this permit. Any permit shield provided in this permit does not apply to changes made under this provision.

Applicable Requirement: NDAC 33.1-15-14-06.6.b(2)

P. **Relationship to Other Requirements**: Nothing in this permit shall alter or affect the following:

1) The provisions of Section 303 of the Federal Clean Air Act (emergency orders), including the authority of the administrator of the United States Environmental Protection Agency under that section.

2) The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance.

3) The ability of the United States Environmental Protection Agency to obtain information from a source pursuant to Section 114 of the Federal Clean Air Act.

4) Nothing in this permit shall relieve the permittee of the requirement to obtain a Permit to Construct.

Applicable Requirements: NDAC 33.1-15-14-06.3 and NDAC 33.1-15-14-06.5.f(3)(a), (b) and (d)

Q. **Severability Clause**: The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Applicable Requirement: NDAC 33.1-15-14-06.5.a(5)

R. **Circumvention**: The permittee shall not cause or permit the installation or use of any device of any means which conceals or dilutes an emission of air contaminants which would otherwise violate this permit.

Applicable Requirement: NDAC 33.1-15-01-08

9. **State Enforceable Only Conditions (not Federally enforceable):**

A. **General Odor Restriction**: The permittee shall not discharge into the ambient air any objectionable odorous air contaminant which exceeds the limits established in NDAC 33.1-15-16.

Applicable Requirement: NDAC 33.1-15-16

B. **Hydrogen Sulfide Restriction**: The permittee shall not discharge into the ambient air hydrogen sulfide (H_2S) in concentrations that would be objectionable on land owned or leased by the complainant or in areas normally accessed by the general public. For the purpose of complaint resolution, two samples with concentrations greater than 0.05 parts per million (50 parts per billion) sampled at least 15 minutes apart within a two-hour period and measured in accordance with Section 33.1-15-16-04 constitute a violation.

Applicable Requirement: NDAC 33.1-15-16-04

DRAFT

Andeavor Field Services LLC
Robinson Lake Gas Plant
Title V Permit to Operate No. AOP-28404 v2.0
Statement of Basis
(July 30, 2026)

Facility Background:
The Andeavor Field Services LLC (Andeavor), Robinson Lake Gas Plant, with a design capacity of approximately 175 MMscfd, gathers and processes natural gas from a number of production facilities in the Sanish Field. The gas plant, located in Mountrail County south of Belden, ND, removes natural gas liquids and compresses treated gas for transfer to pipeline for sale. The predominant sources of air emissions are the dehydration units, process heaters, flares, and emergency generator engines.

Inlet gas passes through an inlet separation process where entrained liquids are separated and any entrained condensate or produced water is routed to tanks. The condensate and produced water are loaded out by truck. The gas stream from the inlet separator is routed to the electric-driven inlet compression and then routed to one of the two natural gas liquid (NGL) plants where ethylene glycol (EG) is injected. The EG is recovered and recycled by routing it to the EG regenerators for water removal, along with the high moisture inlet gas from the TEG dehydrator. Regenerator still vent emissions are routed to a condenser and flare while the regenerator flash tank vapors are captured and routed back to the facility inlet. In the event that the EG regenerator is inoperable, methanol is used instead of EG and then routed to a flare. TEG flash tank vapors are routed to the fuel gas system. Hot oil heaters and the reboiler heater provide heat for several processes at the facility. Gas from the NGL cold separators is routed to the facility's electric-driven compression and sent to the Stanley Booster Station. Produced NGLs are routed to pressurized bullet storage tanks and are unloaded via a pressurized truck loadout. Produced natural gasoline is stored in tanks and trucked out as necessary.

Chronology of significant events (not all-inclusive):

November 6, 2007 - Whiting Oil and Gas Corporation (Whiting) was issued the initial Permit to Construct ACP-17154 v1.0 (PTC07038).

November 14, 2008 - ACP-17184 v1.0 (PTC08029) was issued for additional units.

October 28, 2009 - Whiting was issued a minor source Permit to Operate, AOP-27888 v1.0 (O09007), incorporating ACP-17154 v1.0 and ACP-17184 v1.0.

October 8, 2010 - ACP-17287 v1.0 (PTC10043) was issued for additional units.

July 1, 2011 - ACP-17355 v1.0 (PTC11058) was issued for additional units.

September 29, 2011 - The revised minor source permit (AOP-27888 v1.1) incorporating ACP-17287 v1.0 and ACP-17355 v1.0 was issued.

January 31, 2013 - ACP-17507 v1.0 (PTC13010) was issued for a tank flare.

November 26, 2013 - ACP-17577 v1.0 (PTC13082) was issued for a hot oil heater.

August 14, 2014 - The first renewal of the minor source permit (AOP-27888 v2.0) was issued incorporating ACP-17507 v1.0 and ACP-17577 v1.0.

2014, 2015 and 2016 - Several construction permits were issued to Whiting for the facility throughout 2014, 2015 and 2016, but the permits were ultimately terminated and consolidated into a later construction permit (ACP-17871 v1.0).

January 1, 2017 - Andeavor acquired the Robinson Lake Gas Plant.

May 11, 2018 - ACP-17871 v1.0 (PTC18015), issued to Andeavor, permitted the construction and initial operation of a hot oil heater and natural gasoline loadout, along with rescinding construction permits issued in 2014, 2015 and 2016.

March 12, 2019 - ACP-17902 v1.0 (PTC18046) was issued to the facility for increased gas processing, resulting in an increase of gas combustion at the process and emergency flare.

October 22, 2019 - The renewed permit, AOP-27888 v3.0, incorporated ACP-17871 v1.0 and ACP-17902 v1.0

March 12, 2020 - ACP-17947 v1.0 was issued for additional equipment and increased design capacity, which was subject to Title V regulations.

November 16, 2021 - The initial Title V (AOP-28404 v1.0) was issued and incorporated ACP-17947 v1.0

May 28, 2024 - ACP-18215 v1.0 was issued for operational restrictions and federally enforceable emission limits of hazardous air pollutant (HAP) emissions for the glycol dehydrators (EU DEHY-1, DEHY-2 and DEHY-3).

April 14, 2026 - ACP-18309 v1.0 was issued for the MPLX consent decree (CD), which owns Andeavor (DOJ No. 90-5-2-1-113742/2; Case 2:23-cv-00252 filed 04/20/23). The CD required federally enforceable non-Title V permits incorporating certain requirements to outlive the eventual termination of the CD.

Current Action:
On May 13, 2026 the Department received a timely application through CERIS-ND from Andeavor Field Services LLC for a renewed Title V permit, AOP-28404, for the Robinson Lake Gas Plant. The draft permit incorporates ACP-18215 v1.0 and ACP-18309 v1.0, along with the administrative updates.

The Department proposes to issue Title V Permit to Operate No. AOP-28404 v2.0 after the required 30-day public comment period and subsequent 45-day EPA review period of the draft permit. This statement of basis summarizes the relevant information considered during the issuance of the Title V permit. The legal basis for each permit condition is stated in the draft permit under the heading of "Applicable Requirement."

Applicable Programs/As-Needed Topics:

1. **Title V.** The facility requires a Title V Permit to Operate because potential annual CO and VOC emissions exceed the 100 tons per year (tpy) major source threshold. The facility is a minor source of HAP emissions because individual and combined potential annual HAP emissions are below 10 tpy and 25 tpy, respectively (federally enforceable emission limits). A facility-wide potential to emit table (Table 1) is provided on the last page of this document.

2. **New Source Performance Standards (NSPS).** The following NDAC 33.1-15-12-02 and 40 CFR 60 subparts apply to the facility.

   Subpart A, General Provisions, applies to all source units to which another NSPS subpart applies.

   Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (EU HTR-1 & HTR-2).

   Subpart NNN, Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations After December 30, 1983, and On or Before April 25, 2023 (EU DIST-1, DIST-2, DIST-3 and DIST-4).

   Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (EU GEN-1, GEN-2 & GEN-3).

   Subpart OOOOa, Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after September 18, 2015 and On or Before December 6, 2022 (process piping fugitive emissions).

   Related NSPS Subparts That Are Not Applicable:

   Subpart Kb does not apply to the volatile organic liquids tanks because their capacities are less than 75 cubic meters each.

3. **National Emission Standards for Hazardous Air Pollutants (NESHAP).** No NDAC 33.1-15-13 and 40 CFR 61 subparts apply to the facility, with the possible exception of NDAC 33.1-15-13-02 (40 CFR 61) Subpart M (National Emission Standard for Asbestos), which may apply during facility modifications involving asbestos.

4. **NESHAP/Maximum Achievable Control Technology (MACT).** The following NDAC 33.1-15-22-03 and 40 CFR 63 subparts apply to the facility, which is an area source of HAP emissions.

Subpart A, General Provisions, applies to all source units to which another MACT subpart applies.

Subpart HH, National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities (EU DEHY-3). The North Dakota Department of Environmental Quality has not adopted the area source provisions of this subpart; all required reports and documentation are to be sent to EPA Region 8

Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, applies to the engines (EU GEN-1, GEN-2 & GEN-3). As an area source of HAP emissions, compliance with this subpart is achieved through compliance with 40 CFR 60, Subpart IIII. North Dakota has not adopted the area source provisions of this subpart; all required reports and documentation are to be sent to EPA Region 8.

5. **Acid Rain.** NDAC 33.1-15-21 (40 CFR 72, 73, 75 and 76) does not apply to the facility since the plant is not an existing electric utility steam generating plant rated at greater than 25 MWe.

6. **Prevention of Significant Deterioration (PSD).** The facility is not a major source under NDAC 33.1-15-15 (40 CFR 52) because it does not have the potential to emit more than 250 tons per year of a regulated air contaminant during normal operations; therefore, this permit is not subject to PSD review.

7. **Best Available Control Technology (BACT).** Since the facility is not a major PSD source and does not contain changes that increase the potential emissions by a PSD-significant amount, a BACT review is not required for this permit.

8. **Gap Filling.** Although the permit does contain gap filling for monitoring or recordkeeping not otherwise required by rule, this draft renewal permit does not contain significant revisions to previously permitted gap filling. The gap filling conditions are generally identified by the applicable requirement NDAC 33.1-15-14-06.5.a(3)(a).

9. **Streamlining Decisions.** The NDAC 33.1-15-06-01.2 *Restrictions applicable to fuel burning installations* emission limit for sulfur (3.0 pounds sulfur per million Btu) was streamlined because the standard ND natural gas fuel restriction for sulfur (2 grains per 100 scf) is more stringent.

10. **Compliance Assurance Monitoring (CAM).** CAM does not apply because adequate monitoring is specified in post-11/15/90 NSPS and NESHAP/MACT regulations and no controlled units have an uncontrolled potential to emit (PTE) of ≥100 tpy of any EPA

regulated criteria or uncontrolled PTE of ≥10 tpy individual and ≥ 25 tpy combined HAP pollutant(s).

11. **Permit Shield.** Does not apply because the permit to operate does not contain a permit shield.

12. **New Conditions/Limits.** This draft permit includes new limits and conditions associated with the incorporation of construction permits ACP-18215 v1.0 and ACP-18309 v1.0. Specific modifications are identified in the "Permit Changes by Section" below.

13. **40 CFR 98 - Mandatory Greenhouse Gas Reporting.** This rule requires sources above certain emission thresholds or in certain supplier thresholds to calculate, monitor and report greenhouse gas emissions. According to the definition of "applicable requirement" in 40 CFR 70.2, neither Subpart 98, nor Clean Air Act Section 307(d)(1)(V), the CAA authority under which Subpart 98 was promulgated, are listed as applicable requirements for the purpose of Title V permitting. Although the rule is not an applicable requirement under 40 CFR 70, the source is not relieved from the requirement to comply with the rule separately from compliance with their Part 70 operating permit. It is the responsibility of each source to determine applicability to the subpart and to comply, if necessary.

Permit Changes by Section:
Note: Administrative changes were made to some sections of the permit to update to the current North Dakota (ND) format and to correct errors. These changes may not be specifically addressed below.

Cover: The expiration date and permit version number was updated.

Table of Contents: Page numbers were updated as necessary.

1. **Emission Unit Identification**: Per ACP-18309 v1.0 the deethanizer towers, depropanizer tower and debutanizer tower (EU DIST-1, DIST-2, DIST-3 and DIST-4) were added to the emission units Table 1.1. Insignificant units were added to Table 1.1 (reciprocating compressors EU C-2700 through C-2713). Descriptions for the flares (EU FLARE-1, FLARE-2 and FLARE-3) were updated and Table 1.1 footnotes were administratively updated for clarity.

2. **Applicable Standards and Miscellaneous Conditions**: Per ACP-18309 v1.0 operation of the EG Dehydrators and TEG Dehydrator condition was added. The applicable NSPS regulations were updated (removal of Subparts KKK and OOOO; addition of Subpart NNN). Additional NSPS Subpart NNN requirements were outlined with the incorporation of ACP-18309 v1.0. The Like Kind Emission Unit Replacement condition was updated to the current ND standard.

3. **Emission Unit Limits**: Emission unit limits were added to the emission limits table (Table 3.1) per ACP-18215 v1.0 and ACP-18309 v1.0. The tables' footnotes were revised for emission unit and limits clarity.

4. **Monitoring Requirements and Conditions**: Monitoring requirements and conditions were provided for the emission units and limits per ACP-18215 v1.0 and ACP-18309 v1.0 (Table 4.1 and following conditions). The visible emissions observations condition was updated to the current ND standard.

5. **Recordkeeping Requirements**: Recordkeeping requirements and conditions were provided for the emission units and limits associated with ACP-18215 v1.0 and ACP-18309 v1.0 (Table 5.1 and following conditions). NSPS Subpart NNN recordkeeping was added to Condition 5.B.

6. **Reporting**: Condition No. 6.A was updated with the current applicable reporting requirements.

7. **Facility Wide Operating Conditions**: Condition Nos. 7.G, N and Q were administratively updated to reflect the current ND standard facility wide operating conditions.

8. **General Conditions**: Condition Nos. 8.C and M were administratively updated to reflect the current ND standard general condition.

9. **State Enforceable Only Conditions (not Federally enforceable)**: No change.

Comments/Recommendations:
It is recommended that the Title V Permit to Operate No. AOP-28404 v2.0 be processed and considered for issuance following a 30-day public comment period and a subsequent 45-day EPA review period.

Table 1. Facility-wide Potential Emissions [A]

Pollutant	Tons Per Year Without Fugitives	Tons Per Year With Fugitives
PM	3.0	3.0
PM_{10}	3.0	3.0
$PM_{2.5}$	3.0	3.0
SO_2	0.2	0.2
NO_x	79.0	79.0
CO	202.3	202.3
VOC	188.8	239.3
Total HAPs	6.3	6.4

[A] Based upon Title V renewal application information submitted through CERIS-ND on May 13, 2026. Additional emission unit/emission point specific potential emissions are provided in the renewal application.