

Iowa Department of Natural Resources

Draft Title V Operating Permit Fact Sheet

This document has been prepared to fulfill the public participation requirements of 40 CFR Part 70 and 567 Iowa Administrative Code (IAC) 22.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

The Iowa Department of Natural Resources (DNR) finds that:

1. Enterprise Products Operating LLC-Iowa City NGL Station, located at 5354 American Legion Road S.E., Iowa City, IA 52240 has applied to renew their Title V Operating Permit. The designated responsible official of this facility is Bradley J. Cooley
2. Enterprise Products Operating LLC-Iowa City NGL Station is a gas pipeline and underground storage facility. This facility consists of 13 emission units with potential emissions of:

Pollutant	Abbreviation	Potential Emissions (Tons per Year)
Particulate Matter ($\leq 2.5 \mu\text{m}$)	PM _{2.5}	51.74
Particulate Matter ($\leq 10 \mu\text{m}$)	PM ₁₀	51.74
Particulate Matter	PM	51.74
Sulfur Dioxide	SO ₂	10.04
Nitrogen Oxides	NO _x	198.249
Volatile Organic Compounds	VOC	97.44
Carbon Monoxide	CO	218.902
Lead	Lead	0
Hazardous Air Pollutants ⁽¹⁾	HAP	6.607

⁽¹⁾ May include the following: See application.

3. Enterprise Products Operating LLC-Iowa City NGL Station submitted a Title V Operating Permit renewal application on October 30, 2023. Based on the information provided in these documents, DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 22.107.
4. DNR has complied with the procedures set forth in 567 IAC 22.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

DNR procedures for reaching a final decision on the draft permit:

1. The public comment period for the draft permit will run from March 14, 2024 through April 13, 2024. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Zane Peters at the DNR address shown below. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period.
2. Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Zane Peters at the DNR address shown below.
3. DNR will keep a record of the issues raised during the public participation process, and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the renewal application. The responsiveness summary and the final permit will be available to the public upon request.

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DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 20-35, including, but not limited to, rules containing emission limits, providing for compliance schedules, compliance determination methods and issuance of permits.
2. DNR has the authority to issue operating permits for air contaminant sources and to include conditions in such permits under 455B.134 Code of Iowa.
3. The emission limits included in this permit are authorized by 455B.133 Code of Iowa and 567 IAC Chapters 20-35.
4. DNR is required to comply with 567 IAC Chapter 22 in conjunction with issuing a Title V Operating Permit.
5. The issuance of this permit does not preclude the DNR from pursuing enforcement action for any violation.

Title V Application Review Notes

Applicant:	Enterprise Products Operating LLC-Iowa City NGL Station
SIC Code:	4619, 4226
City:	Iowa City
County:	Johnson County, Field Office 6
EIQ#:	92-5677
Facility#:	52-01-032
Permit #:	01-TV-007R4
Reviewer:	Zane Peters
Date:	02/20/2024

Facility Identification

Facility Name:	Enterprise Products Operating LLC-Iowa City NGL Station
Facility Location:	5354 American Legion Road S.E., Iowa City, IA 52240
Responsible Official:	Mr. Bradley J. Cooley
Phone:	(713) 381-6595

The Part 70 Title V Operating Permit for **Enterprise Products Operating LLC-Iowa City NGL Station** is a Renewal. This facility is a gas pipeline transport station.

Title V Major Source Status by Pollutant:

Pollutant	Major for Title V?
PM _{2.5}	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>
PM	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>
NO _x	<input checked="" type="checkbox"/>
VOC	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>
Lead	<input type="checkbox"/>
Individual HAP	<input type="checkbox"/>
Total HAPs	<input type="checkbox"/>

Applicable Requirements:

- Subject to Section 112(r) Prevention of Accidental Release
- 40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
- 40 CFR Part 60, Subpart GG - Standards of Performance for Stationary Gas Turbines
- 40 CFR Part 60, Subpart KKKK - Standards of Performance for Stationary Combustion Turbines
- 40 CFR Part 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Non-Applicable Requirements:

- 40 CFR 63 Subpart YYYY - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Combustion Turbine
-Emission units must be located at a major source of HAPs to be subject to this standard. This facility is an area source of HAPs; therefore, the facility is not subject to the requirements of this standard at this time.

The following amendments have been made to the Title V permit:**General Changes**

- TV Permit number has been updated to 01-TV-007R4 (pp. 1, 4, 5, 10, and footer).
- Table of Contents page numbers updated (p. 2).
- Facility Description and Equipment List updated (p. 4).
- General Conditions updated (p. 43)

Emission Point Specific Changes

- EP-04 – Emission Unit description, particulate matter (PM) limit, and operating requirements updated in accordance with DNR construction permit 90-A-204-S7 (p. 17-23)

Periodic Monitoring

All periodic monitoring requirements are in accordance with the Department's Periodic Monitoring Guidance Document.

Compliance Assurance Monitoring (CAM) requirements do not apply to the facility because there is no control equipment in the facility.

Stack Testing**EP-01**

Pollutant: NO_x

Stack test frequency- annual

Per 40 CFR §60.4340, if the NO_x emission result from a performance test is less than or equal to 75 percent of the NO_x emission limit for the turbine, the frequency of the subsequent testing may be reduced to once every 2 years. If the results of any subsequent performance test exceed 75 percent of the NO_x emission limit for the turbine, annual testing must be resumed.

Test Method: 40 CFR 60, Appendix A, Method 7E

Test Run Time: 1 hour

Authority for requirement: 567 IAC 23.1(2) "aaaa"

40 CFR 60 Subpart KKKK

DNR Construction Permit 90-A-201-S7

