

# **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) 24.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

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

1. GROWMARK, Inc. - Ft. Dodge Terminal, located at 3140 200th St., Duncombe, IA 50532 has applied to renew their Title V Operating Permit. The designated responsible official of this facility is Greg Eckhart.
2. GROWMARK, Inc. - Ft. Dodge Terminal is a Petroleum Bulk Station & Terminal. This facility consists of 8 emission units with potential emissions of:

<b>Pollutant</b>	<b>Abbreviation</b>	<b>Potential Emissions (Tons per Year)</b>
Particulate Matter ( $\leq 2.5 \mu\text{m}$ )	PM <sub>2.5</sub>	0
Particulate Matter ( $\leq 10 \mu\text{m}$ )	PM <sub>10</sub>	0
Particulate Matter	PM	0
Sulfur Dioxide	SO <sub>2</sub>	0
Nitrogen Oxides	NO <sub>x</sub>	0
Volatile Organic Compounds	VOC	313.059
Carbon Monoxide	CO	0
Lead	Lead	0
Hazardous Air Pollutants <sup>(1)</sup>	HAP	16.27907

<sup>(1)</sup> May include the following: Benzene, ethyl benzene, hexane, toluene, 2,2,4-trimethylpentane, xylenes.

3. GROWMARK, Inc. - Ft. Dodge Terminal submitted a Title V Operating Permit renewal application on. 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 24.107.
4. DNR has complied with the procedures set forth in 567 IAC 24.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

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

1. The public comment period for the draft permit will run from September 4, 2025 through October 4, 2025. 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 24 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:	<b>GROWMARK, Inc. – Ft. Dodge Terminal</b>
SIC Code:	5171 ( Petroleum Bulk Stations & Terminals )
City:	Duncombe
County:	Webster (FO # 2)
Facility #:	94-07-001
EIQ #:	92-5492
Permit #:	97-TV-004R5
Reviewer:	Zane Peters
Date:	07/16/2025

### **Facility Identification**

Facility Name:	GROWMARK, Inc. – Ft. Dodge Terminal
Facility Location:	3140 200 <sup>th</sup> Street, Duncombe, IA 50532
Responsible Official:	Greg Eckhart, Director, Facility Operations
Phone:	(309) 557-6434

### **Applicability Determination:**

- 1) One Source Determination:
  - a) Is there another operation that is considered part of this facility? No
  - b) Which facility(s)/facility ID(s)?:
  - c) Details of determination or reference to when determination was made:
  
- 2) NSR-PSD-NAA:
  - a) Attainment?: Yes.
  - b) Twenty-eight listed source?: No. Not one of the 28 listed source categories.
  - c) “Major” source?: Yes.
  - d) “Major” pollutants: VOC
  - e) Pollutants “major” for this project:
  
- 3) Title V:
  - a) “Major” source?: Yes
  - b) “Major” pollutants: VOC

4) NSPS:

**40 CFR 60 Subpart A**

This facility is an affected source and these General Provisions apply to the facility. The affected unit is EU 8.

**40 CFR 60 Subpart Kb**

This facility is subject to Standards of Performance for Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. The affected unit is EU 8.

The E95 Denatured Ethanol Storage Tank is not subject to NSPS Subpart Kb—Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (§60.110b to §60.117b). This subpart does not apply to storage vessels with a capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure less than 15.0 kPa. (NOTE: based on TANKS 4.09d the maximum vapor pressure is 7.3 kPa for E95).

5) NESHAP:

**40 CFR 63 Subpart A**

This facility is an affected source and these General Provisions apply to the facility. The affected units are EU 1, EU 6, EU 7, EU 8, and EU 9.

**40 CFR 63 Subpart BBBBBB**

This facility meets the definition of an existing affected source under Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. The affected units are EU 1, EU 6, EU 7, EU 8, and EU 9.

The E95 Denatured Ethanol Storage Tank is not subject to NESHAP Subpart BBBBBB—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities (§63.11080 to §63.11100). E95 is a blend of ethanol and gasoline (95% ethanol, 5% gasoline). The definition of “Gasoline means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals or greater, which is used as a fuel for internal combustion engines”. The Reid vapor pressure for E95 is 17.2 kilopascals therefore the E95 storage tank is not subject.

## **Changes Made To the Title V Permit Since the Previous Issuance**

### **General Changes**

- Updated the permit number on pages 1, 4, 5, 8, and footers.
- Updated relevant permitting dates
- Updated Supervisor of Air Operating Permits
- Updated the General Conditions section to include current template language.
- Executive Order 10 Rules Crosswalk included. Rule references updated throughout the permit.

### **Emission Point Specific Changes**

- Insignificant Unit 10h – The original tank was replaced with Tank 278-173, which has a greater volume of storage but still qualifies as an insignificant unit (pp. 4)
- Insignificant Unit 15 - updated the name associated with Tank 715 to reflect storage of both biodiesel and diesel #1 (pp. 4)
- EP-1 – Emission point permitted under DNR Construction Permit 25-A-102 (pp. 8-12)

### **Stack Testing**

No testing requirements at this time.

### **Periodic Monitoring**

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

According to the calculations submitted with the Title V application, no Periodic Monitoring is required at this time.