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

1. NuStar Pipeline Operating Partnership L.P. - Milford Terminal, located at 2127 220th St, Milford, Iowa 51351 has applied to renew their Title V Operating Permit. The designated responsible official of this facility is Mr. Bill Fogarty.

2. NuStar Pipeline - Milford Terminal is a Refined Petroleum Pipeline (SIC 4613). This facility consists of eight emission units with potential emissions of:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Abbreviation</th>
<th>Potential Emissions (Tons per Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate Matter (≤ 10 μm)</td>
<td>PM&lt;sub&gt;10&lt;/sub&gt;</td>
<td>0.00</td>
</tr>
<tr>
<td>Particulate Matter</td>
<td>PM</td>
<td>0.00</td>
</tr>
<tr>
<td>Sulfur Dioxide</td>
<td>SO&lt;sub&gt;2&lt;/sub&gt;</td>
<td>0.00</td>
</tr>
<tr>
<td>Nitrogen Oxides</td>
<td>NO&lt;sub&gt;x&lt;/sub&gt;</td>
<td>0.00</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>VOC</td>
<td>237.62</td>
</tr>
<tr>
<td>Carbon Monoxide</td>
<td>CO</td>
<td>0.00</td>
</tr>
<tr>
<td>Lead</td>
<td>Lead</td>
<td>0.00</td>
</tr>
<tr>
<td>Hazardous Air Pollutants (1)</td>
<td>HAP</td>
<td>21.73</td>
</tr>
</tbody>
</table>

(1) May include the following: 2,2,4-Trimethylpetane, Benzene, Cumene, Ethylbenzene, Toluene, Hexane, and Xylene (mixed isomers).

3. NuStar Pipeline Operating Partnership L.P - Milford Terminal submitted a Title V Operating Permit renewal application on July 20, 2021. 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 June 2 through July 2, 2022. 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. During this time, anyone may submit written comments on the permit. Mail signed comments to Taylor Dailey at the DNR address shown below.

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 Taylor Dailey 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, IDNR will make a final decision on the renewal application. The responsiveness summary and the final permit will be available to the public upon request.

Taylor Dailey  
Iowa Department of Natural Resources  
Air Quality Bureau  
502 East 9th Street  
Des Moines, Iowa 50319  
Phone: (515) 725-9539  
E-mail: Taylor.Dailey@dnr.iowa.gov

DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 20-31, 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 20-31.

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 IDNR from pursuing enforcement action for any violation.
Applicant: NuStar Pipeline Operating Partnership L.P. – Milford Terminal  
SIC Code: 4613  
City: Milford  
County: Dickinson, Field Office #3  
EIQ#: 92-2945  
Facility#: 30-02-010  
Permit #: Iowa Department of Natural Resources  
Reviewer: Taylor Dailey  
Date: 5/31/2022

Facility Identification

<table>
<thead>
<tr>
<th>Facility Name:</th>
<th>Iowa DNR - Air Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Location:</td>
<td>2127 220th Street Milford, IA 51351</td>
</tr>
<tr>
<td>Responsible Official:</td>
<td>Bill Fogarty</td>
</tr>
<tr>
<td>Phone:</td>
<td>(316) 721-7066</td>
</tr>
</tbody>
</table>

The Part 70 Title V Operating Permit for Iowa DNR - Air Quality. The facility is a Refined Petroleum Pipeline Station (SIC 4613). The Iowa DNR - Air Quality has eight (8) significant emission units and nineteen (19) insignificant emission units. This is the fourth Title V renewal for NuStar Pipeline Operating Partnership L.P. – Milford Terminal.

**Title V Major Source Status by Pollutant:**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Major for Title V?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM$_{10}$</td>
<td>☐</td>
</tr>
<tr>
<td>SO$_{2}$</td>
<td>☐</td>
</tr>
<tr>
<td>NO$_{x}$</td>
<td>☐</td>
</tr>
<tr>
<td>VOC</td>
<td>☒</td>
</tr>
<tr>
<td>CO</td>
<td>☐</td>
</tr>
<tr>
<td>Lead</td>
<td>☐</td>
</tr>
<tr>
<td>Individual HAP</td>
<td>☐</td>
</tr>
<tr>
<td>Total HAPs</td>
<td>☐</td>
</tr>
</tbody>
</table>

HAPs include: 2,2,4-Trimethylpetane, Benzene, Cumene, Ethylbenzene, Toluene, Hexane, and Xylene (mixed isomers).
The following amendments have been made to the Title V permit:
1. TV Permit number has been updated to Iowa Department of Natural Resources.
2. Table of Contents page numbers updated and Appendix details updated.
4. Plant Wide conditions updated to reflect current standards.
5. The previous permit contained requirements from 40 CFR 63 Subpart R. This facility is considered to be an area source of HAP’s based on the PTE so it is not subject to Subpart R as this subpart only applies to major HAP sources. All references to Subpart R have been removed from the permit.

Emission Point – Specific Conditions Changes
6. EP-01:
   • Added Language regarding NESHAP subpart BBBBBB
   • Updated the Construction Permit 19-A-385-S1 and Operating Requirements
7. EP-02:
   • Added Construction Permit 19-A-726 and updated Operating Requirements
8. EP-03:
   • Added Language regarding NSPS Subpart Kb.
   • Updated Construction Permit number 19-A-727-S1 and Operating Requirements
   • Added a control device (CE-03).
9. EP-09:
   • Added Language regarding NESHAP Subpart BBBBBB
10. EP-08:
    • Unit is subject to NSPS Subpart Kb and NESHAP Subpart BBBBBB
    • Updated language to Construction Permit 16-A-147-S1
    • Joined together in permit with EP-11
11. EP-11:
    • Unit is subject to NSPS Subpart Kb and NESHAP Subpart BBBBBB
    • Added Construction Permit 16-A-148-S1 and updated Operating Requirements
    • Joined together in permit with EP-08
12. EP-12:
    • Added Language regarding NESHAP Subpart BBBBBB and NSPS Subpart K
    • Updated Construction Permit 19-A-729 and Operating Requirements
13. EP-15:
    • Added Language regarding NESHAP Subpart BBBBBB
14. General Conditions have been updated.
15. EU-13 and EU-14: Both were Insignificant sources and were removed. They were both Vertical Fixed Roof Ethanol Tanks (01-22 and 01-23), and each was able to hold 19,461 gallons.

**Emission Estimations**

<table>
<thead>
<tr>
<th>Emission Values</th>
<th>PM</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>SO$_2$</th>
<th>NO$_x$</th>
<th>VOC</th>
<th>CO</th>
<th>Lead</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential Emissions</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>237.62</td>
<td>0</td>
<td>0</td>
<td>21.73</td>
</tr>
</tbody>
</table>

**Applicable Rules and Regulations**

1. Facility Wide Opacity: No more than 40%. 567-IA 323(2)"d".
2. Facility Wide SO$_2$: 500 parts per million by volume. 567-IA 23.3(3)"e"
3. Title IV: No
4. Subject to 112(r) Prevention of Accidental Releases? No
5. PSD: No
6. NAAQS: Yes
7. Stratospheric ozone: No
8. NESHAP:

   40 CFR 63 Subpart BBBB

9. NSPS:

   40 CFR 60 Subpart K and Kb

   EP-08 and EP-11 are subject to 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