July 25, 2022

Mr. Eddie Heck
Senior Air Quality Specialist
Magellan Pipeline Company, L.P.
P.O. Box 22186
Tulsa, OK 74121-2186

Re: Air Pollution Control
Minor Source (Synthetic)
Permit to Operate (AOP-28195 v5.0)

Dear Mr. Heck:

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 December 29, 2021, for the Grand Forks fuel terminal located in Grand Forks County, North Dakota.

Enclosed is a copy of the Department's draft/proposed minor (synthetic) Permit to Operate for the facility. Before making final determinations on the permit application, the Department provides for public comment by means of the enclosed public notice and provides for a concurrent 30-day Environmental Protection Agency (EPA) review. As indicated in the notice, the public comment period will begin on July 26, 2022, and end on August 25, 2022.

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 EPA review. You will be notified in writing of our final determination.

If any questions arise regarding the above, please contact me at (701)328-5184 or email Wyatt.Peterson@nd.gov.

Sincerely,

Wyatt Peterson
Environmental Engineer
Division of Air Quality

WP:lc
Enc:
xc/enc: Dan Fagnant, EPA/R8 (email - fagnant.daniel@epa.gov)
Gail Fallon, EPA/R8 (email - fallon.gail@epa.gov)
NOTICE OF INTENT TO ISSUE AN
AIR POLLUTION CONTROL
SYNTHETIC MINOR PERMIT TO OPERATE

Take notice that the North Dakota Department of Environmental Quality (NDDEQ) proposes to issue a renewal of the Air Pollution Control, Permit to Operate to Magellan Pipeline Company, L.P., for operation of the Grand Forks Fuel Terminal in accordance with the ND Air Pollution Control Rules. The facility is located at 3930 Gateway Drive in Grand Forks, North Dakota 58203. The permit allows for the operation of a fluids loading rack and 21 storage tanks used to receive, store and distribute gasoline and distillate fuels. The Magellan Pipeline Company L.P.’s mailing address is P.O. Box 22186, Tulsa, Oklahoma 74121-2186. The draft permit renewal incorporates the following change(s):

1) The addition of an emission unit to account for emissions generated during the cleaning and degassing of storage tanks.

2) A decrease in the production throughput limits for gasoline transferred through the loading rack from 255,500,000 gallons per year to 245,900,000 gallons per year.

A thirty-day public comment period for the draft permit will begin July 26, 2022, and end August 25, 2022. 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-28195 v5.0. 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 and application are available for review at the NDDEQ Division of Air Quality address and on 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 Wyatt Peterson at (701)328-5184 or emailing Wyatt.Peterson@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. To request accommodations, contact Jennifer Skjod, Acting Non-discrimination Coordinator at (701)328-5226 or jskjod@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

Dated this 22nd day of July 2022.

James L. Semerad
Director
Division of Air Quality
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, and in reliance on statements and representations heretofore made by the permittee designated below, a Permit to Operate is hereby issued authorizing such permittee to operate the source unit(s) at the location designated below. This 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 below:

1. **Permittee:**
   A. **Name:** Magellan Pipeline Company, L.P.
   B. **Address:**
      P.O. Box 22186
      Tulsa, OK 74121-2186

2. A. **Permit Number:**
   AOP-28195 v5.0

   B. **Permit Description:**
      Synthetic Minor Source:
      NDAC 33.1-15-14-03.1.e

3. **Source Name & Location:**
   Grand Forks Terminal
   3930 Gateway Drive
   Grand Forks, ND 58203
   Grand Forks County

4. **Source Type:**
   Fuel Terminal

5. **Expiration Date:**
   August 6, 2027

6. **Source Units:**

<table>
<thead>
<tr>
<th>Emission Unit Description</th>
<th>Emission Unit (EU)</th>
<th>Emission Point (EP)</th>
<th>Air Pollution Control Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three-Spot Bottom Loading Rack with Four Loading Arms per Spot</td>
<td>1</td>
<td>1</td>
<td>Vapor Collection System and a John Zink Vapor Combustion Unit (VCU)</td>
</tr>
<tr>
<td>Tank Cleaning and Degassing Events</td>
<td>2</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

The following storage tanks are located at the facility:

<table>
<thead>
<tr>
<th>Tank ID No.</th>
<th>Contents A</th>
<th>Tank Type B</th>
<th>Capacity (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>219-176</td>
<td>Jet Kerosene</td>
<td>Vertical Fixed Roof (VFR)</td>
<td>84,000</td>
</tr>
<tr>
<td>219-177</td>
<td>Gasoline/Distillate Mixture</td>
<td>VFR</td>
<td>84,000</td>
</tr>
<tr>
<td>219-572</td>
<td>Jet Kerosene</td>
<td>VFR</td>
<td>462,000</td>
</tr>
<tr>
<td>219-573</td>
<td>Jet Kerosene</td>
<td>VFR</td>
<td>462,000</td>
</tr>
</tbody>
</table>
The storage tanks are permitted to store the product listed above or any other product that is less volatile, does not increase emissions or emit an additional type of air contaminant.

Tanks containing volatile organic compounds (VOCs) shall have and be filled through a submerged fill pipe if required by NDAC 33.1-15-07-01.3.

**CONDITIONS**

7. **A. Emission Limits:** Emission limits from the operation of the source unit(s) identified in Item 6 of this Permit to Operate (hereafter referred to as “permit”) are as follows. Source units not listed are subject to the applicable emission limits specified in the North Dakota Air Pollution Control Rules.

<table>
<thead>
<tr>
<th>Emission Unit Description</th>
<th>EU</th>
<th>EP</th>
<th>Pollutant/ Parameter</th>
<th>Emission Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loading Rack - John Zink VCU</td>
<td>1</td>
<td>1</td>
<td>Opacity</td>
<td>20% A</td>
</tr>
</tbody>
</table>

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

**B. Operational Limits:**

1) **Product Throughput Limits:** The amount of total liquid product transferred through the loading rack at the facility shall not exceed 630,720,000 gallons (15,017,143 barrels) in
any 12-month period. The amount of gasoline transferred through the loading rack at the facility shall not exceed 245,900,000 gallons (5,854,762 barrels) in any 12-month rolling period.

2) Tank Roof Landing Activity: The permittee may land the internal floating roof (resting the roof on legs) to Tank ID Nos. 219-6001, 6002, 6003, 6004, 6005, 6006 and 6007 for operational activities associated with gasoline RVP changeover for a combined total of 21 landing events or 504 hours, whichever comes first, per calendar year. This does not include landings for out of service maintenance events.

C. **New Source Performance Standards (NSPS):** The permittee shall comply with all applicable requirements of the following NSPS subparts as referenced in Chapter 33.1-15-12 of the North Dakota Air Pollution Control Rules and 40 CFR 60.

1) 40 CFR 60, Subpart XX – Standards of Performance for New Stationary Sources, Standards of Performance for Bulk Gasoline Terminals.

Subpart XX requirements include but may not be limited to:

a) **Vapor Collection System Limit:** Emissions to the atmosphere from the vapor collection system due to the loading of liquid product in tank trucks shall not exceed 35 milligrams of total organic compounds per liter of gasoline loaded.

b) **Design and Operating Requirements:**

1] The loading of liquid product into tank trucks shall be limited to vapor tight tank trucks using procedures outlined in 40 CFR Part 60 Subpart XX Paragraph 60.502(e).

2] Loadings of tank trucks at the facility shall only be made into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

3] The terminal's and the tank truck's vapor collection systems shall be connected during each loading.

4] The vapor collection and liquid loading equipment shall be operated in such a manner to prevent gauge pressure in the delivery tanks from exceeding 4,500 pascals (450 mm of water) during product loading.

5] No pressure-vacuum vent in the vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

6] Each calendar month the vapor collection system, the vapor processing system, and the loading rack shall be inspected during the loading of tank
trucks for total organic compound liquid or vapor leaks using methods specified in 40 CFR Part 60 Subpart XX Paragraph 60.502(j).

c) Reporting and Recordkeeping Requirements:

1] The permittee shall document and keep on file the following information as outlined in 40 CFR Part 60 Subpart XX Section 60.505:

a] Tank truck vapor tightness documentation that shall be updated at least annually.

b] Monthly leak check reports.

2] On a monthly basis, the permittee must record the amount of liquid product transferred through the facility and calculate the amount of liquid product transferred on a rolling twelve-month period. The Department must be notified should the total amount of liquid product transferred exceed 630,720,000 gallons (15,017,143 barrels) in any rolling 12-month period or should the amount of gasoline product transferred amount exceed 245,900,000 gallons (5,854,762 barrels) in any 12-month period.

D. Maximum Achievable Control Technology Standards (MACT): The permittee shall comply with all applicable requirements of the following MACT subparts as referenced in Chapter 33.1-15-22 of the North Dakota Air Pollution Control Rules and 40 CFR 63.

1) 40 CFR 63, Subpart BBBBB (6B) – National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. The North Dakota Department of Environmental Quality has not adopted the provisions of this subpart. Please send documentation to the U.S. EPA at the following address:

U.S. EPA Region 8
1595 Wynkoop Street
Mail Code 8ENF-AT
Denver, CO 80202-1129

E. Storage Tanks: Stationary volatile organic compounds storage tanks shall be equipped with a submerged fill pipe in accordance with NDAC 33.1-15-07-01.3.


G. Fugitive Emissions: The release of fugitive emissions shall comply with the applicable requirements in NDAC 33.1-15-17.
H. **Annual Emission Inventory/Annual Production Reports:** The permittee shall submit an annual emission inventory report and/or an annual production report upon Department request, in a format provided or approved by the Department.

I. **Source Operations:** Operations at the facility shall be in accordance with statements, representations, procedures and supporting data contained in the initial application, and any supplemental information or renewal application(s) submitted thereafter. Any operations not listed in this permit are subject to all applicable North Dakota Air Pollution Control Rules.

J. **Alterations, Modifications or Changes:** Any alteration, repairing, expansion, or change in the method of operation of the source which results in the emission of an additional type or greater amount of air contaminant or which results in an increase in the ambient concentration of any air contaminant, must be reviewed and approved by the Department prior to the start of such alteration, repairing, expansion or change in the method of operation.

K. **Recordkeeping:** The permittee shall maintain any compliance monitoring records required by this permit or applicable requirements. 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 sample, measurement, report or application. Support information may include all calibration and maintenance records and all original strip-chart recordings/computer printouts for continuous monitoring instrumentation, and copies of all reports required by the permit.

L. **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.

M. **Nuisance or Danger:** This permit shall in no way authorize the maintenance of a nuisance or a danger to public health or safety.

N. **Malfunction Notification:** The permittee shall notify the Department as soon as possible during normal working hours of any malfunction which can be expected to last longer than twenty-four hours and can cause the emission of air contaminants in violation of applicable rules and regulations. Immediate notification to the Department is required for any malfunction that would threaten health or welfare, or pose an imminent danger.

O. **Operation of Air Pollution Control Equipment:** The permittee shall maintain and operate all air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.

P. **Permit Renewal andInvalidation:** This permit shall be effective from the date of its issuance until the date specified in Item 5 unless sooner suspended, revoked or surrendered. Upon suspension or revocation, the permit shall be returned to the Department. Application for renewal of this permit shall be submitted ninety days prior to such expiration date. The Department shall approve or disapprove the renewal of the permit within ninety days of receipt of the renewal application.
Q. **Change of Ownership:** This permit may not be transferred without prior approval from the Department.

R. **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 at which the source listed in Item 3 of this permit is located at any time for the purpose of ascertaining the state of compliance with 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.

S. **Other Regulations:** The permittee of the source unit(s) described in Item 6 of this permit shall comply with all State and Federal environmental laws and rules. In addition, the permittee shall comply with all local burning, fire, zoning, and other applicable ordinances, codes, rules and regulations.

T. **Permit Issuance:** This permit is issued in reliance upon the accuracy and completeness of the information set forth in the application. The conditions of this permit herein become, upon the effective date of this permit, enforceable by the Department pursuant to any remedies it now has, or may in the future have, under the North Dakota Air Pollution Control Law, NDCC Chapter 23.1-06. 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.

U. **Odor Restrictions:** The permittee shall not discharge into the ambient air any objectionable odorous air contaminant which is in excess of the limits established in NDAC 33.1-15-16.

V. **Sampling and Testing:** The Department may require the permittee to conduct tests to determine the emission rate of air contaminants from the source. The Department may observe the testing and may specify testing methods to be used. A signed copy of the test results shall be furnished to the Department within 60 days of the test date. The basis for this condition is NDAC 33.1-15-01-12 which is hereby incorporated into this permit by reference. To facilitate preparing for and conducting such tests, and to facilitate reporting the test results to the Department, the permittee shall follow the procedures and formats in the Department’s Emission Testing Guideline.

FOR THE NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY

Date ___________________________

By ___________________________
James L. Semerad
Director
Division of Air Quality