Public Notice of intent to reissue

Air Permit
Permit 01700011-102

General information

Public comment period begins: November 2, 2018
Public comment period ends: December 3, 2018 (4:30 p.m.)

Name and address of Permittee: Northern Natural Gas Company
1111 103rd St
Omaha, Nebraska 68124-1072

Facility name and location: Northern Natural Gas Co - Wrenshall LNG Plant
2301 County Road 1
Wrenshall, MN 55797-8759
Carlton County
T048N, R16W, Section 032

MPCA contact person: Derek Nelson
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Rd N
St. Paul, MN 55155
Phone: 651-757-2131
Email: derek.nelson@state.mn.us
File manager phone: 651-757-2728 or 1-844-828-0942

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to reissue this permit. A draft permit and permit technical support document are available for review on the MPCA Public Notices webpage at http://www.pca.state.mn.us/publicnotices or at the MPCA office address listed under the MPCA contact person. The MPCA will mail or email a copy of the draft permit upon request. Comments, petitions, and other requests must be received at the MPCA in writing on or before the public comment period end date and time identified above.

Description of Northern Natural Gas Co. – Wrenshall LNG Plant

The facility is a liquid natural gas plant that is used to liquefy and store natural gas for later vaporization and distribution into the underground natural gas pipelines as needed. The facility emission sources consist of two natural gas-fired turbines, three natural gas-fired vaporizers, a 26,460,000 gallon LNG storage tank, a 11,700 gallon ethylene storage tank, a 5,900 gallon pentane storage tank, a 2,000 gallon butane storage tank, a 4,050 gallon propane storage tank, natural gas-fired flares which combust excess gases from tanks, and an emergency diesel fire pump. The primary emissions are nitrogen oxides (NOx), carbon monoxide (CO), and greenhouse gases (CO2e) from the turbines, flares, vaporizers, and fire pump. The facility also has equipment that qualifies as insignificant activities under Minn. R. 7007.1300.

The preliminary determination to reissue this air permit is tentative.

The permit action is for operation of the facility. The permit action is the reissuance of the Part 70 Operating Permit; therefore, the draft permit has been placed on public notice.

A summary of the Potential to emit in tons per year is as follows:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOCs</th>
<th>CO</th>
<th>CO2e</th>
<th>Single HAP</th>
<th>All HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Facility PTE</td>
<td>10.7</td>
<td>10.7</td>
<td>10.7</td>
<td>0.893</td>
<td>224</td>
<td>7.12</td>
<td>121</td>
<td>169,800</td>
<td>2.22</td>
<td>2.67</td>
</tr>
</tbody>
</table>

PM = Particulate Matter
PM10 = PM, 10 microns and smaller
PM2.5 = PM, 2.5 microns and smaller
SO2 = Sulfur Dioxide
NOx = Nitrogen Oxides
VOCs = Volatile Organic Compounds
CO = Carbon Monoxide
CO2e = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100
HAP = Hazardous Air Pollutant

The Permittee is not required to submit a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

Procedure for public participation

As stated in Minn. R. chs. 7000 and 7001, there are three formal procedures for public participation in the MPCA’s consideration of this matter. Interested persons may:

(1) Submit written comments on the draft permit.
(2) Petition the MPCA to hold a public informational meeting.
(3) Petition the MPCA to hold a contested case hearing.

Submitting written comments
To submit comments or petitions to the MPCA through the mail or email, you must state:

(1) Your interest in the permit application or the draft permit.
(2) The action you wish the MPCA to take, including specific references to the section of the draft permit you believe should be changed.
(3) The reasons supporting your position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

Public informational meeting
A public informational meeting is an informal meeting during which interested persons can ask questions concerning the proposed facility. MPCA staff will be present to provide information. If an interested person would like the MPCA to hold a public informational meeting, the person should include all information identified above and in addition include a statement of the reasons the person desires the MPCA to hold a public informational meeting and the issues that the person would like the agency to address at the public informational meeting.

Contested Case Hearing
A contested case hearing is a formal proceeding before an administrative law judge empowered to advise the MPCA regarding issues of fact. As described in Minn. R. 7000.1800, persons who submit petitions for a contested case hearing must also state the issues they propose to address in a contested case hearing, the specific relief requested or resolution of the matter, and the reasons (which may be in the form of proposed findings) supporting an MPCA decision to hold a contested case hearing. Failure to comply with these rules exactly may result in a denial of the request. To the extent known, the petitioner may also submit a list of prospective witnesses to be called at a hearing, a proposed list of publications, references, or studies to be introduced at a hearing and the approximate time required for the petitioner to present the matter at a hearing. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900.