

General information

Public comment period begins: March 19, 2025

Public comment period ends: April 18, 2025

Name and address of Permittee:

Northern Natural Gas Co
 1111 103rd St S
 Omaha, NE 68124-1072

Facility name and location:

Northern Natural Gas Co - Carlton
 1995 Northern Natural Gas Rd
 Carlton, MN 55718
 Carlton County

MPCA contact person:

Joy Wiecks
 Industrial Division
 Minnesota Pollution Control Agency
 525 Lake Ave. S., Suite 400
 Duluth, MN 55802
 Phone: 218-302-6672
 Email: joy.wiecks@state.mn.us
 File manager phone: 651-757-2728 or
 844-828-0942

A draft permit and supporting documentation are available for review on the MPCA Public Notices webpage at <https://www.pca.state.mn.us/get-engaged/public-comments>. Additional materials relating to the issuance of this permit are available for inspection by appointment at any MPCA office (<https://www.pca.state.mn.us/about-mPCA/contact-us>) between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. 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 U.S. Mail comments must be received by 4:30 p.m.

Description of Northern Natural Gas, Carlton

Northern Natural Gas Co. operates a compressor station in Carlton to pressurize natural gas in order to facilitate its transmission through the pipeline system. The facility consists of two natural gas-fired, 2-stroke lean burn engines rated at 4,000 horsepower each. These engines drive the gas compressors. A natural gas-fired emergency engine, rated at 210.5 horsepower, is onsite for auxiliary electrical generation. The primary emissions are products of natural gas combustion such as nitrogen oxides (NOx) and carbon monoxide. All emissions at the facility are uncontrolled.

This permit action is a Part 70 reissuance that rolls in a minor amendment that replaces an existing natural gas-fired auxiliary generator (EQUI 1) with a new unit (EQUI 5).

The preliminary determination to reissue this Air permit is tentative. 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 (PTE) in tons per year is as follows:

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	CO	CO _{2e}	HAP
Total Facility PTE (tpy)	13.6	13.6	13.6	0.165	889	34.0	109	43,603	23.5
Total Facility Actual Emissions (tpy)	0.014	0.014	0.014	0.027	80.3	5.49	17.6	*	*

*Not reported in Minnesota emission inventory

PM = Particulate Matter

PM_{2.5} = PM, 2.5 microns and smaller

NO_x = Nitrogen Oxides

CO = Carbon Monoxide

PM₁₀ = PM, 10 microns and smaller

SO₂ = Sulfur Dioxide

VOCs = Volatile Organic Compounds

CO_{2e} = 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

Comments may be submitted:

- 1) Online at <https://mpca.commentinput.com/comment/search>; or
- 2) By U.S. postal mail to the following address:
Joy Wiecks
Minnesota Pollution Control Agency
525 Lake Ave S., Suite 400
Duluth, MN 55802

Submitted comments or petitions 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.