

General information

Public comment period begins: November 27, 2019
Public comment period ends: December 26, 2019 (4:30 p.m.)
Current permit issued: August 15, 2018
Current permit expiration date: August 15, 2023

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to modify this permit.

Name and address of Permittee:

Mayo Clinic Hospital - Rochester
200 1st St SW
Rochester, MN 55905-0001

Facility name and location:

Mayo Clinic Hospital - Saint Marys
Campus
1216 2nd St SW
Rochester, MN 55902-1906
Olmsted County

MPCA contact person:

Elizabeth Lennartson
Industrial Division
Minnesota Pollution Control Agency
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St. Paul, MN 55155
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File manager phone: 651-757-2728 or
1-844-828-0942

A draft permit and technical support document are available for review on the MPCA Public Notices webpage at <http://www.pca.state.mn.us/publicnotices>. 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/mpca-offices>) 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 time identified above.

Description of Major Amendment for Mayo Clinic Hospital – Saint Marys Campus

Mayo Clinic Hospital - Saint Marys Campus is a tertiary care hospital owned and operated by the Mayo Clinic. It includes several buildings located on a 49 acre campus. The primary emission units at the facility are three identical 107.05 MMBtu/hr boilers which exhaust through a common stack, one 5,000 kW cogeneration turbine generator, and three internal combustion engine generators, rated at 2,800 kW (EQUI 5), 2,500 kW (EQUI 9), and 3,490 kW (EQUI 35).

Each boiler combusts natural gas with the use of distillate fuel as allowed under the definition of "gas-fired boiler" per 40 CFR 63.11237. The cogeneration turbine burns only natural gas. Two of the generators are emergency (EQUI 9 and EQUI 35) and burn only distillate oil. The non-emergency generator (EQUI 5) also burns only distillate oil. The main pollutants of concern are those resulting from combustion of the boilers, engines, and turbine, such as nitrogen oxides and carbon monoxide.

The Permittee will be modifying the output capacity of Generator #7 (EQUI 5), currently at 2,500 kW. The diesel engine for the generator is rated at 2,500 kW while the alternator is rated at 2,800 kW. By reprogramming the fuel system and upgrading auxiliary components of the engine, the 2,800 kW rating of the alternator can be matched. The Permittee will also be removing the dual-fueled diesel generator (Generator #6 - EQUI 10) which is currently limited to 1,040 hours per 12-month rolling period. A new 3,490 kW emergency generator (Generator #6 - EQUI 35) will take its place. EQUI 35 will vent to a new stack, STRU 11.

The preliminary determination to modify this Air permit is tentative.

The permit action is for construction, modification, and operation of the facility. The permit action is a major amendment; therefore, the draft permit has been placed on public notice.

A summary of the Emissions Increase in tons per year is as follows:

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	CO	CO _{2e}	Lead
Emissions Increase from new and modified emission units	0.39	0.39	0.39	0.01	12.8	0.75	6.78	1,394	0

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

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.