

General information

Public comment period begins: October 2, 2024

Public comment period ends: November 1, 2024

Current permit issued: June 5, 2024

Current permit expiration date: June 5, 2029

Name and address of Permittee:

Mayo Medical Center - Rochester
 200 1st St SW
 Rochester, MN 55905-0001

Facility name and location:

Mayo Medical Center - Rochester
 119 3rd St SW
 Rochester, MN 55902-3331
 Olmsted County
 T106N, R14W, Section 002

MPCA contact person:

Jesse Loi
 Industrial Division
 Minnesota Pollution Control Agency
 520 Lafayette Rd
 St. Paul, MN 55101
 Phone: 651-757-2330
 Email: jesse.loi@state.mn.us

File manager phone: 651-757-2728 or
 844-828-0942

A draft permit and supporting information 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 major amendment

Mayo Medical Center (Mayo) is a health care facility located in Rochester, Minnesota. The scope of the source includes all buildings owned and/or operated by the Mayo Foundation in downtown Rochester, located on contiguous property with the Franklin Heating Station and the Prospect Utility Plant. Current permitted emission units at the Franklin Heating Station include three dual-fuel boilers, three #2 fuel oil emergency generators, and two cooling towers. Emission Units at the Prospect Plant include five diesel generators. In addition, Mayo operates many units that qualify as insignificant activities, which are identified in Appendix A of the permit. The main pollutants of concern are products of combustion from the boilers and engines, such as nitrogen oxides (NO_x) and carbon monoxide (CO).

This permit action is a Major Amendment to install a new combustion turbine with heat recovery steam generator and a steam boiler to supply additional heat and power for the expansion of Mayo's campus in downtown Rochester. Five additional emergency generators for backup energy, multiple fuel storage tanks, and a cooling tower will also be installed.

The permit action is for construction 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 Potential to Emit (PTE) and 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
Total Facility PTE	17.9	16.9	16.6	7.26	164	15.8	98.9	213,000	0.001
Emissions Increase from new emission units	9.38	9.25	9.25	6.50	39.3	10.1	38.7	99,900	0.001

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.

The preliminary determination to amend this Air permit is tentative.

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:
Jesse Loi
Minnesota Pollution Control Agency
520 Lafayette Rd
St. Paul, MN 55101

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.