

General information

Public comment period begins: February 15, 2025
Public comment period ends: March 17, 2025
Current permit issued: January 11, 2022
Current permit expiration date: March 31, 2020

Name and address of Permittee:

3M Co; 3M Company
 3M Center Bldg 224-5W-03
 Saint Paul, MN 55144-0001

 3M Center
 Bldg 225-01
 Saint Paul, MN 55144-1001

Facility name and location:

3M Center - Maplewood
 I-94 & McKnight Rd
 Maplewood, MN 55144
 Ramsey County

MPCA contact person:

Morgan Bolstad
 Industrial Division
 Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, MN 55155
 Phone: 651-757-2209
 Email: morgan.bolstad@state.mn.us
 File manager phone: 651-757-2728 or
 844-828-0942

A draft permit and supporting documents 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 permitted facility/activity

3M Company operates a research and development complex located at I-94 and McKnight Road in Maplewood, Minnesota (3M Center - Maplewood). The facility at this location is a single stationary source but is covered by two separate permits: the research and development operations are covered by Permit No. 12300015-104, and the boilers, generators, tanks, and cooling towers are covered by this permit. The main pollutants from are volatile organic compounds (VOC), hazardous air pollutants (HAP), carbon monoxide (CO), nitrogen oxides (NO_x), sulfur dioxide (SO₂), particulate matter (PM) from the combustion of natural gas and ultra-low sulfur diesel.

This permit incorporates changes associated with new and replaced emergency generators. These changes were previously authorized under administrative amendment applications. The permit also authorizes installation and operation of PM₁₀ air monitors, to be used instead of dispersion modeling for PM₁₀.

The preliminary determination to reissue this Air permit is tentative.

The permit action is for modification and operation of the facility. The permit action is a Part 70 permit; therefore, the draft permit has been placed on public notice.

A summary of the Potential to Emit (PTE) Emissions Increase in tons per year is as follows:

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	HAPs-total	CO	CO _{2e}
Total Increased Facility PTE	99.6	70.0	48.0	6.32	589	28.6	9.08	338	672,000

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:
Morgan Bolstad
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, MN 55155

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.