Public Notice of intent to reissue

Air

Permit 12300015-102

General information

Public comment period begins: June 16, 2020
Public comment period ends: July 16, 2020 (4:30 p.m.)

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to reissue this permit for a term of approximately five years. The MPCA Commissioner has made a preliminary determination to approve the variance request for a term of five years, or until the next Title V permit reissuance, whichever is longer.

Name and address of Permittee:
3M Company
3m Center Bldg 270-03S-13
St. Paul, MN 55144-1000

Facility name and location:
3M - R & D Facility - Maplewood
Bldg 201
I-94 & McKnight Road
Maplewood, MN 55144
Ramsey County

MPCA permit and variance contact person:
Amrill Okonkwo
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
Phone: 651-757-2623
Email: amrill.okonkwo@state.mn.us

File manager phone: 651-757-2728 or 1-844-828-0942

A draft permit and supporting documentation 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 preliminary variance request determination

The Minnesota Pollution Control Agency (MPCA) issues this document to notify the public of the Commissioner’s preliminary decision regarding the variance requested by 3M Company for the 3M Center Facility. 3M Company has applied for a variance from Minn. R. 7007.1250, Minn. R. 7007.1200, subp. 3, and by extension Minn. R 7007.1450, for VOC increases associated with certain changes already subject specific emission restrictions. Upon review of the documents, the Commissioner has made the preliminary determination that 3M Company has satisfied the conditions necessary to grant a discretionary variance in Minn. Stat. § 14.055, subd. 4 and as a result, the Commissioner has made the preliminary determination to grant the variance.

The preliminary determination to grant this variance request is tentative.

Description of permitted facility

The facility is one stationary source under New Source Review (NSR), Part 70 Operating Permit Program and National Emissions Standards for Hazardous Air Pollutants for Source Categories (NESHAPs) but is covered by two distinct permits: 3M R&D Facility Maplewood Bldg 201 covered by this permit and 3M Maplewood covered by current Air Emission Permit No. 12300694-101, which covers the Administrative Offices. Even though the entire site is considered one stationary source, two Part 70 permits represent the source for administrative reasons. When determining applicability, the Permittee must consider the entire stationary source, not just the operations covered by one of its permits.

This permit covers the R&D operations at the stationary source, which includes the pilot plants, the laboratories, and the maintenance operations. The administrative buildings portion of the stationary source is covered by the administrative permit.

The main pollutants from the R&D operations are Volatile Organic Compounds (VOC), Hazardous Air Pollutants (HAP), Particulate Matter (PM), Particulate Matter less than 10 microns in size (PM10) and Particulate Matter less than 2.5 microns in size (PM2.5).

The preliminary determination to reissue this Air permit is tentative; therefore, the draft permit has been placed on public notice. The permit action is for operation of the facility. The permit action is the reissuance of the Part 70 operating permit.

A summary of the Potential to Emit (PTE) of the facility in tons per year is listed below.

https://www.pca.state.mn.us • 651-296-6300 • 800-657-3864 • Use your preferred relay service • Available in alternative formats
The Permittee has submitted 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 preliminary variance request determination or 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 preliminary variance request determination, permit application, or draft permit.
2. The action you wish the MPCA to take, including specific references to the section of the preliminary variance request determination or 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.

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<tr>
<th></th>
<th>PM tpy</th>
<th>PM$_{10}$ tpy</th>
<th>PM$_{2.5}$ tpy</th>
<th>SO$_2$ tpy</th>
<th>NO$_x$ tpy</th>
<th>CO tpy</th>
<th>VOC tpy</th>
<th>Single HAP tpy</th>
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<td>31.50</td>
<td>442.14</td>
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<td>Total facility actual emissions (2017)</td>
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<td>0.83</td>
<td>0.51</td>
<td>38.58</td>
<td>Not reported in annual inventory</td>
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