Public Notice of intent to Amend

Air

Permit 05300821-101

General information

Public comment period begins: September 11, 2020
Public comment period ends: October 12, 2020 (4:30 p.m.)
Current permit issued: March 23, 2007
Current permit expiration date: Non-Expiring

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

Name and address of Permittee: Ceramic Industrial Coatings
325 County Road 81
Osseo, MN 55369-1545

Facility name and location: Ceramic Industrial Coatings
325 County Road 81
Osseo, MN 55369-1545
Hennepin County

MPCA contact person:
Sam Root
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Rd,
St. Paul, MN 55155
Phone: (651) 757-2896
Email: samuel.root@state.mn.us
File manager phone: 651-757-2728 or 1-844-828-0942

A draft permit and supporting information 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. Please call the listed MPCA contact person between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday to arrange for this. 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 Ceramic Industrial Coatings

Ceramic Industrial Coatings (Permittee) makes interior and exterior paints and stains from raw materials to customers’ specifications at the manufacturing facility (facility). These products are either solvent-based or water-based, depending on the customer. The facility also packages a number of products for several manufacturing companies. The packaging operation emits a small amount of air pollutants relative to the paint production operation. The pollutants of concern from this facility are volatile organic compounds (VOC), hazardous air pollutants (HAPs), particulate matter (PM), PM less than 10 microns (PM10), and PM less than 2.5 microns (PM2.5). The facility has a fabric filter to collect PM, PM10, PM2.5, and two types of particulate HAPs: chromium compounds, and cobalt compounds. The fabric filter controls emissions that are generated when powdered pigments are added to paint mixers.

The facility constructed two new double blade mixers that are capable of manufacturing high viscosity putties. These two mixers were constructed under a 2017 minor amendment application, which has since been denied, as the MPCA determined that the requested change could not be made under a minor amendment.

The preliminary determination to amend this Air permit is tentative. 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:

<table>
<thead>
<tr>
<th>Pollutant Description</th>
<th>PM</th>
<th>PM&lt;sub&gt;10&lt;/sub&gt;</th>
<th>PM&lt;sub&gt;2.5&lt;/sub&gt;</th>
<th>SO&lt;sub&gt;2&lt;/sub&gt;</th>
<th>NO&lt;sub&gt;x&lt;/sub&gt;</th>
<th>VOCs</th>
<th>CO</th>
<th>CO&lt;sub&gt;2&lt;/sub&gt;e</th>
<th>Total HAP</th>
<th>Single HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Facility PTE (after new emission units)</td>
<td>68.5</td>
<td>66.2</td>
<td>23.5</td>
<td>1.95 x 10&lt;sup&gt;2&lt;/sup&gt;</td>
<td>3.25</td>
<td>90.2</td>
<td>2.73</td>
<td>3,924</td>
<td>22.6</td>
<td>9.0</td>
</tr>
<tr>
<td>Emissions Increase from new emission units</td>
<td>11.0</td>
<td>2.13</td>
<td>0.750</td>
<td>-</td>
<td>-</td>
<td>27.4</td>
<td>-</td>
<td>-</td>
<td>22.5</td>
<td>9.0</td>
</tr>
</tbody>
</table>

PM = Particulate Matter
PM<sub>10</sub> = PM, 10 microns and smaller
PM<sub>2.5</sub> = PM, 2.5 microns and smaller
NO<sub>x</sub> = Nitrogen Oxides
CO = Carbon Monoxide

SO<sub>2</sub> = Sulfur Dioxide
VOCs = Volatile Organic Compounds
CO<sub>2</sub>e = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100
HAP = Hazardous Air Pollutant
During the first public notice period (August 4th – September 3rd, 2020), the Permittee submitted a comment (Attachment 8 to the TSD) that resulted in changes to Title I conditions (section 3.8 of the TSD); therefore, the permit is being placed on a second public notice period.

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.