Public Notice of intent to Issue
Air Permit 02700081-101

General information

Public comment period begins: September 17, 2020
Public comment period ends: October 19, 2020 (4:30 p.m.)

Name and address of Permittee:
BASF
100 Park Ave
Florham Park, New Jersey 07932-1049

Facility name and location:
BASF - Northern Plains Trait Development Station
413 Kings Trl N
Sabin, MN 56580-4013
Clay County

MPCA contact person:
Rachel Fossum
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Rd
St. Paul, MN 55101
Phone: 651-757-2863
Email: rachel.fossum@state.mn.us

A draft permit is 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 the BASF facility

The permit action is for construction and operation of the facility. The permit action is the issuance of the Part 70 Operating Permit; therefore, the draft permit has been placed on public notice.

At the Sabin facility, BASF conducts agricultural field trials of wheat, corn, and soybean plants. These operations did not previously require an air emission permit. This permit authorizes the addition of a 4.25 MMBtu/hr incinerator that will be used to dispose of the waste crop material from the field trials in a manner compliant with the requirements of the US Department of Agriculture. The regulated agricultural waste is generated during normal plant cultivation activities and when harvested material is cleaned at the facility. The combusted material will include wheat, soybean, and corn seed, wheat, soybean, and corn plants, paper envelopes, poly bags, and garbage bags. The incinerator is subject to the requirements of NSPS, Subpart CCCC for Commercial and Industrial Solid Waste Incineration Units. The main pollutants of concern are nitrogen oxides, carbon monoxide, particulate matter, and carbon dioxide equivalents.

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

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOCs</th>
<th>CO</th>
<th>CO2e</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Facility PTE</td>
<td>15.3</td>
<td>15.3</td>
<td>15.3</td>
<td>0.068</td>
<td>14.1</td>
<td>0.020</td>
<td>25.6</td>
<td>2884</td>
<td>0.00062</td>
</tr>
</tbody>
</table>

PM = Particulate Matter
PM10 = PM, 10 microns and smaller
PM2.5 = PM, 2.5 microns and smaller
SO2 = Sulfur Dioxide
NOx = Nitrogen Oxides
VOCs = Volatile Organic Compounds
CO = Carbon Monoxide
CO2e = 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 issue 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

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.