



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Public Notice of Intent to Modify

Air Permit
14300014- 011

General information

Public comment period begins: February 4, 2016

Public comment period ends: 4:30 p.m. on March 4, 2016

Current permit issued (if applicable): March 6, 2014

Current permit expiration date (if applicable): March 6, 2019

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| Name and address of Permittee: | Facility name and location: | MPCA contact person: |
| Heartland Corn Products 53331 State Highway 19 E Winthrop, Minnesota 55396 | Heartland Corn Products 53331 State Highway 19 E Winthrop, MN 55396 Sibley County | Tarik Hanafy Industrial Division Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, MN 55155 Phone: 651-757-2404 Email: tarik.hanafy@state.mn.us File manager phone: 651-757-2728 or 1-844-828-0942 |

A draft permit and permit application are available for review on the Minnesota Pollution Control Agency (MPCA) Public Notices webpage at <http://www.pca.state.mn.us/publicnotices> or at the MPCA office address listed under the MPCA contact person. 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 Activity

The permit action is for construction and operation of the facility. The permit action is a major amendment; therefore, the draft/proposed permit has been placed on public notice. The MPCA is seeking the U.S. Environmental Protection Agency's (EPA) concurrent review of this draft/proposed permit and the EPA 45-day review period will begin with the 30-day public review period.

This permit action is a major amendment to add a combined heat and power unit with combustion turbine (EQUI 164) and duct burner (EQUI 165) to provide on-site steam and electricity. The existing boilers will remain as a backup. The facility also proposes to increase ethanol production to 124.9 million gallons per year through process improvements. This production increase will not involve increases in grain throughput or DDGS output limits. All grain handling and DDGS loading/unloading operations at the East Plant will end once West Plant construction is completed. After construction, these operations will be at the West Plant only. The hours for these operations will be expanded from 10 (7AM-5PM) to 12 hours (6AM-6PM) per day. Fermenters #6 and #7 that were permitted but never built will be built and represented as EQUI 120 and EQUI 138. VRTO #1 will be replaced by a new VRTO #1 (EQUI 162), cooling towers will be relocated and a new Fermenter #6 (EQUI 161), DDGS Bin #3 (EQUI 163) and Corn Bin #7 (EQUI 166) will be added to the West Plant.

This permit action also includes a minor amendment to add a 2 million gallon storage tank for denatured ethanol (EQUI 75), and an administrative amendment for a 120-day test extension.

A summary of the Emissions Increase in tons per year is as follows:

| Pollutant | PM | PM ₁₀ | PM _{2.5} | SO ₂ | NO _x | VOCs | CO | CO _{2e} | HAP |
|---------------------------------|------|------------------|-------------------|-----------------|-----------------|-------|------|------------------|------|
| PTE change from Major Amendment | -5.0 | -7.5 | -12.1 | 5.9 | 51.1 | -31.3 | 40.1 | 88,070 | -0.6 |
| PTE change from Minor Amendment | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.21 | 0.0 | 0.0 | 0.01 |

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| PM = Particulate Matter | PM ₁₀ = PM smaller than 10 microns |
| PM _{2.5} = PM smaller than 2.5 microns | SO ₂ = Sulfur Dioxide |
| NO _x = Nitrogen Oxides | VOCs = Volatile Organic Compounds |
| CO = Carbon Monoxide | CO _{2e} = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100 |
| | HAP = Hazardous Air Pollutant |

The Permittee has submitted a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

The preliminary determination to modify 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 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 their 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.