

General information

Public comment period begins: February 6, 2024
Public comment period ends: March 7, 2024
Current permit issued: February 10, 2022
Current permit expiration date: February 10, 2027

Name and address of Permittee:

Archer Daniels Midland Co
4666 Faries Pkwy
Decatur, IL 62526-5630

Facility name and location:

Archer Daniels Midland Co - Red Wing
126 LaGrange St
Red Wing, MN 55066
Goodhue County
T113N, R14W, Section 030

MPCA contact person:

Kara Leadbetter
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194
Phone: 651-757-2889
Email: kara.leadbetter@state.mn.us

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

A draft permit and supporting documentation 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.

Watershed: NA

Receiving water: NA

Description of permitted facility/activity

Archer Daniels Midland Co. owns and operates an oilseed crushing and vegetable oil refining facility in Red Wing, Minnesota. The facility consists of emission units for oilseed receiving, storage, processing, solvent extraction/recovery, meal processing, oil refining, and steam production. The facility receives various raw oilseeds and processes them in part using hexane to extract vegetable oil. The crude vegetable oil is separated from the hexane and is further refined, stored, loaded, and shipped. The remaining solids are processed into meal by de-solventizing, drying, and cooling. The meal is stored prior to shipping to customers for animal feed. The facility has the ability to process flaxseed, rapeseed, corn germ, soybeans, and some select non-rapeseed oilseed varieties. Combustion equipment consists of two boilers, an emergency generator, and two fire pump engines.

The facility emits particulate matter, particulate matter less than 10 microns in size, particulate matter less than 2.5 microns in size, volatile organic compounds, sulfur dioxide, carbon monoxide, nitrogen oxides and hazardous air pollutants. The facility is a major source under federal New Source Review, the federal Operating Permit Program (40 CFR pt. 70), and federal National Emission Standards for Hazardous Air Pollutants (NESHAPs, 40 CFR pt. 63).

The preliminary determination to Amend this Air permit is tentative. The permit action is for modification and operation of the facility. The permit action is a major amendment; therefore, the draft permit has been placed on public notice.

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

This action includes construction related to process flow changes, two baghouse replacements, the authorization of new raw materials for processing, a revision to the oilseed solvent loss factor, and corrected sulfur dioxide potential to emit calculations related to corn germ processing. It also reauthorizes the use of soybeans as a raw material for processing and includes administrative corrections.

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}	Lead
Emissions Increase from modified emission units	0.19	0.75	0.13	0.0	0.0	0.0	0.0	0.0	0.0

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

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:

Kara Leadbetter
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

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.