

## General information

**Public comment period begins:** May 16, 2025

**Public comment period ends:** June 16, 2025

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to reissue this permit for a term of approximately five years.

**Name and address of Permittee:**

Greenfield Global Winnebago LLC  
711 6th Ave SE  
Winnebago, MN 56098-1000

**Facility name and location:**

Greenfield Global Winnebago LLC  
711 6th Ave SE  
Winnebago, MN 56098-1000  
Faribault County  
T104N, R28W, Section 036

**MPCA contact person:**

Megumi Muramoto-Mathieu  
Industrial Division  
Minnesota Pollution Control Agency  
520 Lafayette Rd  
Saint Paul, MN 55155  
Phone: 651-757-2388  
Email: megumi.muramoto-  
mathieu@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.

## Description of Greenfield Global Winnebago

Greenfield Global Winnebago (GGW) owns and operates this fuel-grade ethanol production facility. The facility is permitted to process 490,000 tons of grain per year, produce 51.216 million gallons of undenatured (200-proof) ethanol per year, and 163,333 tons of dried distillers grains with solubles (DDGS) per year.

Facility operations include grain receiving and handling, grain storage, milling, fermentation, ethanol distillation, DDGS drying and cooling, DDGS storage, DDGS handling and loadout to trucks, ethanol denaturing (using the addition of gasoline to prevent human consumption of ethanol produced by the facility), ethanol storage, handling, as well as loadout to trucks and railcars. Particulate matter (PM), less than 10 micron (PM<sub>10</sub>) and less than 2.5 micron (PM<sub>2.5</sub>) are emitted from grain receiving and handling, milling, DDGS handling and drying, combustion of natural gas or propane (boilers, regenerative thermal oxidizer, DDGS dryer, and loadout flare), and vehicle traffic on paved roads. Greenhouse gases (GHG), volatile organic compounds (VOC), and hazardous air pollutants (HAPs) are emitted from fermentation and distillation. Nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), and GHG are emitted from combustion of natural gas and propane. VOC and HAPs are emitted from combustion of natural gas and propane, DDGS drying and cooling, wet cake production and storage, ethanol and denaturant storage and loadout, and VOC from leaks in piping.

GGW uses control equipment to reduce emissions including fabric filters for PM, PM<sub>10</sub> and PM<sub>2.5</sub> from grain, milled grain, DDGS cooling, and DDGS handling. Packed Scrubbers are utilized to control VOC and HAP emissions from fermentation and distillation. A regenerative thermal oxidizer is used to control VOC, HAP, PM, PM<sub>10</sub> and PM<sub>2.5</sub> emissions from DDGS drying and a flare is used to control VOC and HAP emissions from ethanol loadout.

No construction is authorized by this permit action. This permit incorporates a change in the facility name, owner, and ownership, and incorporates updated monitoring based on performance testing.

The preliminary determination to reissue this Air permit is tentative.

The permit action is for operation of the facility. The permit action is the reissuance of the Part 70 operating permit; therefore, the draft permit has been placed on public notice.

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

Pollutant	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	VOCs	CO	CO <sub>2e</sub>	Total HAPs
Total Facility PTE without fugitive	18.7	31.6	28.9	34.7	82.7	198	62.6	310,165	23.4

PM = Particulate Matter

PM<sub>2.5</sub> = PM, 2.5 microns and smaller

NO<sub>x</sub> = Nitrogen Oxides

CO = Carbon Monoxide

PM<sub>10</sub> = PM, 10 microns and smaller

SO<sub>2</sub> = Sulfur Dioxide

VOCs = Volatile Organic Compounds

CO<sub>2e</sub> = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100

HAP = Hazardous Air Pollutant

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:

Megumi Muramoto-Mathieu  
Minnesota Pollution Control Agency  
520 Lafayette Rd  
Saint Paul, MN 55155

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.