

General information

Public comment period begins: February 25, 2025

Public comment period ends: March 27, 2025

Current permit issued: March 22, 2016

Name and address of Permittee:

Sanimax USA Inc
 505 Hardman Ave S
 South Saint Paul, MN 55075-2413

Facility name and location:

Sanimax USA Inc
 505 Hardman Ave S
 South Saint Paul, MN 55075-2413
 Dakota County

MPCA contact person:

Miles Bergeson
 Industrial Division
 Minnesota Pollution Control Agency
 520 Lafayette Road North
 Saint Paul, MN 55155-4194
 Phone: 651-757-2915
 Email: miles.bergeson@state.mn.us
 File manager phone: 651-757-2728 or
 844-828-0942

A draft permit 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 permitted facility

Sanimax USA Inc (Sanimax) recycles animal, vegetable, and food processing residues. The products manufactured from these recycled materials are primarily used by the animal feed manufacturing and chemical industries. The main pollutants of concern include particulate matter (PM), particulate matter smaller than 10 microns (PM₁₀), particulate matter smaller than 2.5 microns (PM_{2.5}), sulfur dioxide (SO₂), nitrogen oxides (NO_x), carbon monoxide (CO), greenhouse gases (GHG), and volatile organic compounds (VOC). Add-on pollution control equipment includes fabric filters to control PM, PM₁₀, and PM_{2.5} emissions, and venturi scrubbers to control PM, PM₁₀, PM_{2.5}, and VOC emissions. The facility has accepted limits on the allowable fuels so that it is classified as a minor source under the Federal New Source Review (NSR) and Part 70 programs. Sanimax is a true area source under the Federal National Emission Standards for Hazardous Air Pollutants (NESHAP) program.

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. This permit action authorizes the replacement of the facility's Continuous Cooker No. 2 with a new unit that has an increased process capacity. In addition, the PM, PM₁₀, and PM_{2.5} limits on the facility's continuous cooking equipment have been increased to account for the increase in potential emissions expected from the new unit.

This permit action also includes requirements for a new venturi scrubber that was installed by the facility to address odor concerns. The requirements ensure the venturi scrubber is properly operated, well-maintained, and that emissions from the continuous cookers are always vented to the control equipment whenever any continuous cookers are operating. The preliminary determination to amend this Air permit is tentative.

This permit action has been re-noticed due to a correction that was made during the first public notice period. This correction involved removing the requirements that allowed Sanimax to use refined animal fat/vegetable oil (RAFVO) and glycerin as an optional fuel source for the facility's boilers.

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 new emission units	6.72	5.61	3.42	0	0	6.06	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.

A virtual public meeting will be held on March 13th at 6:00 PM to 7:30 PM. Please see MPCA's website for more details.

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:
Miles Bergeson
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint 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.