

General information

Public comment period begins: July 7, 2025**Public comment period ends:** August 6, 2025**Name and address of Permittee:**Flint Hills Resources Pine Bend LLC
4111 E 37th St N
Wichita, KS 67220-3203**Facility name and location:**Flint Hills Resources Pine Bend
Refinery
13775 Clark Rd
Rosemount, MN 55068-4226
Dakota County
T115N, R19W, Section 013**MPCA contact person:**Tarik Hanafy
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194
Phone: 651-757-2404
Email: tarik.hanafy@state.mn.usFile manager phone: 651-757-2728 or
844-828-0942

A draft permit is 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 Flint Hills Resources Pine Bend Refinery

Flint Hills Resources Pine Bend, LLC (FHR) owns and operates the Pine Bend Refinery in the city of Rosemount, Dakota County, Minnesota. The refinery primarily processes heavy, sour crude oil from Western Canada, although it may also process oil from other parts of the world. Pipelines currently deliver all of the crude oil to the refinery, where FHR processes it to produce a wide variety of products. These products include gasoline, diesel fuel, heating oil, jet fuel, petroleum coke, asphalt and elemental sulfur. FHR distributes these products to customers in Minnesota and the surrounding Upper Midwest states via pipelines, trucks, barges and railcars.

This reissuance also includes a notification of installation of controls to add an API Vapor Scrubber. This reissuance also includes a minor amendment to add an oil/water separator and skim oil tank, rename two existing oil/water separators and add components to existing OSWTP Fugitive Emissions Includes Non-vented Equipment. A major amendment to incorporate NSPS subp. Ja requirements to the #3 Hydrogen Heater, Hydrogen Plant Vaporizer Heater and #1 Hydrogen Plant Reformer/Heater and modify the short-term nitrogen oxides limit on #1 Hydrogen Plant Reformer/Heater. Another major amendment to incorporate NSPS subp. Ja requirements to the #2 Hydrogen Plant Reformer Heater and add carbon monoxide, nitrogen oxides and oxygen monitors to #2 Hydrogen Plant Reformer Heater. A minor amendment to add temporary thermal oxidizer(s) to control tank turnaround emissions from Organic Liquid Storage Tank. However, the turnaround of Organic Liquid Storage Tank was completed prior to permit issuance, so the thermal oxidizer(s) was/were not added to the permit. And a minor amendment to add a 37/38 control room emergency generator and associated stack. There are also a set of 20 notices of compliance being incorporated into this reissuance based on performance test results.

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

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	CO _{2e}	Total HAP
Total Facility PTE	918.7	614.0	511.1	3,770	3,067	2,071	2,696	6,663,832	694.1

PM = Particulate Matter

PM_{2.5} = PM, 2.5 microns and smallerNO_x = Nitrogen Oxides

CO = Carbon Monoxide

PM₁₀ = PM, 10 microns and smallerSO₂ = Sulfur Dioxide

VOC = Volatile Organic Compounds

CO_{2e} = Carbon Dioxide Equivalents as defined in

Minn. R. 7007.0100

HAP = Hazardous Air Pollutant

The Permittee is required to submit a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

The preliminary determination to reissue 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

Comments may be submitted:

- 1) Online at <https://mpca.commentinput.com/comment/search>; or
- 2) By U.S. postal mail to the following address:
Tarik Hanafy
Minnesota Pollution Control Agency
520 Lafayette Road North
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.