

General information

Public comment period begins: March 8, 2024

Public comment period ends: April 8, 2024

Name and address of Permittee:

BFI Waste Systems of North
America, LLC
11380 Courthouse Blvd
Inver Grove Heights, MN 55077
Pine Bend RNG LLC
5087 Lockport Junction Rd
Lockport, NY 14094-9601

Facility name and location:

Pine Bend Landfill
2495 117th St E
Inver Grove Heights, MN 55077
Dakota County

MPCA contact person:

Joy Wiecks
Industrial Division
Minnesota Pollution Control Agency
525 Lake Ave S., Suite 400
Duluth, MN 55802
Phone: 218-302-6672
Email: joy.wiecks@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 BFI Waste Systems of North America

BFI Waste Systems of North America, LLC (Facility) is located at 2495 117th St E., Inver Grove Heights, Dakota County, Minnesota.

The facility is a single stationary source composed of a municipal solid waste (MSW) landfill and a renewable natural gas (RNG) plant. The MSW landfill is owned by BFI Waste Systems of North America, LLC (BFI). The RNG plant is owned and operated by Pine Bend RNG, LLC (PBR). The landfill gas (LFG) generated through waste decomposition in the MSW landfill is routed to the RNG plant that converts the LFG to natural gas equivalent. The RNG plant processes include compression, filtration, water removal (through a chiller), combustion, and removal of non-methane gas. A thermal oxidizer combusts waste gas generated by the conversion of LFG to RNG. LFG not converted to RNG as well as RNG not meeting pipeline quality of natural gas (otherwise known as off-spec gas) is combusted in the open flare.

This permit action includes a reissuance of the facility's Part 70 permit, rolling three minor amendments into the Part 70 permit, as well as an administrative amendment to change the name of the facility. The reissuance fulfills the requirement to renew the Part 70 permit. The facility applied to renew the Part 70 permit in 2009. Air Individual Permit 0370013-101 becomes the renewed Part 70 permit once finalized and issued.

The first minor amendment was for installation of an 82 hp tipper on the working face of the landfill to assist in unloading waste that arrives in large semi-trucks.

The second minor amendment allowed installation of the RNG plant and the open flare. The RNG plant replaced the LFG to energy (LFGTE) facility consisting of two turbines and two duct burners. The open flare replaced the two enclosed flares.

The third minor amendment increased the landfill's capacity from 29.8 million cubic yards to 33.9 million cubic yards.

The administrative amendment consisted of changing the name of the facility as well as the name of the permittee and co-permittee. The facility name was changed to Pine Bend Landfill. The permittee name was changed from Pine Bend Landfill to BFI Waste Systems of North America, LLC. The co-permittee's name was changed from Pine Bend Energy, LLC to Pine Bend RNG, LLC.

This permit does not cover emissions related to the end use of the natural gas that is produced.

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:
Joy Wiecks
Minnesota Pollution Control Agency
525 Lake Ave S., Suite 400
Duluth, MN 55802

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.