

## General information

**Public comment period begins:** November 5, 2024

**Public comment period ends:** December 5, 2024

**Current permit issued:** November 30, 2021

**Current permit expiration date:** November 30, 2026

**Name and address of Permittee:**

Spruce Ridge Landfill, Inc.  
12755 137th St  
Glencoe, MN 55336-7538

**Facility name and location:**

Spruce Ridge Resource Management  
Facility  
12755 137th St  
Glencoe, MN 55336-7538  
McLeod County  
T116N, R28W, Section 031

**MPCA contact person:**

Megumi Muramoto-Mathieu  
Industrial Division  
Minnesota Pollution Control Agency  
520 Lafayette Rd  
St. 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 Spruce Ridge Resource Management Facility

The Spruce Ridge Resource Management Facility (SRRMS) is a municipal solid waste (MSW) landfill in Glencoe, Minnesota. The facility accepts lined demolition and construction debris and industrial waste disposal areas, tire storage areas, concrete, asphalt, and wood material storage areas, as well as appliance and scrap metal storage areas. SRRMS operates a landfill gas collection and control system (GCCS) to collect the landfill gas (LFG). Collected LFG is sent to an open flare and/or a treatment system where the LFG is compressed, de-watered, filtered, and then combusted into the four engines. LFG is combusted to control emissions from the landfill. When LFG is combusted in the four engines, the electricity will be distributed to the grid. Upon issuance of this permit, the facility will have an MSW design capacity of approximately 12 million cubic yards.

Facility emissions are primarily from uncollected LFG, products of LFG combustion, and truck traffic on unpaved roads. LFG contains varying amounts of non-methane organic compounds (NMOCs), which are a mixture of various hazardous air pollutants (HAPs), volatile organic compounds (VOCs), and greenhouse gases (GHGs). Emissions created from LFG combustion include carbon monoxide (CO), nitrogen oxides (NOX), sulfur dioxide (SO<sub>2</sub>), particulate matter (PM), particulate matter less than 10 microns (PM<sub>10</sub>), and particulate matter less than 2.5 microns (PM<sub>2.5</sub>), and combustion HAPs.

This permit action authorize to construct a vertical expansion to increase the design capacity of the landfill from 10.9 million cubic yards to 12 million cubic yards. The emission increase from the expansion comes from an increase in uncollected LEG include CO, VOC, CO<sub>2e</sub>, and HAPs.

This permit incorporates an administrative amendment to the extension to correct exceedances of surface emissions. The Permittee took initial corrective actions to reduce the surface emissions; however, the Permittee has requested to extend the due date to incorporate further remedies to reduce the emissions.

This permit incorporates Notifications of Replacement for the four engines at the facility. The replaced engines are all identical rebuild RICEs with the same make and model, Caterpillar G3516 spark-ignition 4-stroke engines with a design capacity of 1,148 horsepower.

The preliminary determination to modify this Air permit is tentative.

A summary of the Emissions Increase 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>	Lead
Emissions increase from proposed modification	0.00	0.00	0.00	0.00	0.00	8.60	0.00	43,488	0.00

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

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  
St. 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.