

Quick guide – Nonmetallic mineral processing air emission inventory report

General permittees instructions

Report your processes for calendar year **2025**.

New for 2025 Emission Inventory

In October 2025, the Minnesota Pollution Control Agency (MPCA) adopted new air toxics reporting rules. These rules require nonmetallic mineral processing facilities in the seven metropolitan counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington to report air toxics emissions annually, beginning with the 2026 Emissions Inventory.

Starting with the 2026 Emissions Inventory, MPCA will calculate air toxics emissions for fuel-burning activities such as generators or sand heaters using available default emission factors, similar to calculations currently done for criteria air pollutants. An air toxics emissions inventory summary report will be provided to each facility annually starting in fall 2027.

In preparation for the new rule, please report Site Address and Site County on the reporting form. This location information will help MPCA determine if your site is located in the seven metropolitan counties. If you are unsure what county your site is in, MPCA will use the Site Address to determine the county. If your site does not have a mailing address, please report the nearest crossroads and town.

For more information on the Air Toxics Reporting Rule, please visit <https://www.pca.state.mn.us/get-engaged/air-toxics-emissions-reporting>.

Facility Information

Please report each site with aggregate processing covered under your general permit separately. Facility Name, Facility/Air Permit number, and Master AI Number should be the same for all sites.

Make a copy of the form for each site and fill out one form per location or site. The Site Name should be unique to each site.

Inventory Contact

If necessary, please update your facility inventory contact information by crossing out any incorrect information and writing in new contact information on the form.

Production and processing

When filling out the “Total Amount Crushed”, “Total Fines Crushed”, “Total Screened”, and “Total Transferred”, multiply the amount of material processed through that emission unit by the number of times the material is crushed, screened, or transferred. Stacking conveyors should be counted as transfer points.

Process	Example
Total amount crushed	If 50,000 tons of aggregate is crushed once and then 50 percent of that is crushed a second time, the throughput for total crushed would be 75,000 tons.
Total fines crushed	If 25,000 tons of aggregate is crushed once and then crushed a second time into a final product of 3/16 inch or less, the throughput for total fines crushed would be 25,000 tons.
Total screened	If 25,000 tons of aggregate is sent through a screening operation two separate times, the throughput for total screened would be 50,000 tons.
Total transferred	If 50,000 tons of aggregate is moved through five transfer drops, the throughput for total transferred would be 250,000 tons.

Each time the material is crushed, screened, or transferred, a new plume of dust (i.e. particulate matter) is released to the air making each crush, screen, and transfer an emission source.

If you operate a wash plant, all crushing operations should be reported. Only report the amount of material screened and transferred prior to aggregate washing. Any material moved after washing is assumed to be too wet to release much dust to the air.

Non process dust control option/unpaved roads

Please refer to the General Permit Technical Support Document, Table A, included with your permit for details on the requirements for each non-process dust control option.

If the raw or finished material is hauled on unpaved roads, list the round-trip distance (**not the total vehicle miles**) traveled on unpaved roads from the loading area at the site to the road located outside the facility’s property line.

If you are also a hot mix asphalt plant operator and have accounted for the distance traveled on unpaved roads to bring the aggregate to the hot mix plant on the asphalt emission inventory, do not report the information on your nonmetallic emission inventory.

Sand heaters

Please identify amount of fuel used during the calendar year.

Generators/internal combustion engines

Please identify amount of fuel used during the calendar year.

What happens next?

The MPCA will use the information collected on your emission inventory form to calculate actual emissions for your facility based on emission factors listed in the General Permit Technical Support Document.

Once you have completed your inventory, sign, date, and return the original form postmarked no later than **April 1, 2026**, to:

Corey Jarrett
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155

Please reach out to Corey Jarrett at corey.jarrett@state.mn.us or 651-757-2833 for any questions.