



Minnesota Pollution Control Agency (MPCA) compliance audit checklists are designed to assist businesses and MPCA staff with the interpretation of Minnesota's environmental laws and rules. Because the laws and rules are numerous and often complicated, this checklist cannot be a complete guide to all your compliance obligations. If you have questions about the checklist, your obligations, or its conditions that you discover as you complete this evaluation, please contact:

Small Business Environmental Assistance Program (SBEAP)
651-282-6143 or 1-800-657-3938
<http://www.pca.state.mn.us/programs/sbap-sectors.html>

Nonmetallic Air Permit

Date of Audit: _____

Company Name: _____

Authorized _____

Representative Name: _____ Title: _____

Minn. R. 7007.3000 Non-Process Dust Control Options

As the owner or **operator** and Permittee of a non-metallic stationary source you must use Tables 1 and 2 below to determine if you are a Small, Medium or Large source.

1. Are you a Small, Medium or Large source?

- ☐ **YES** Based on Tables 1 or 2, we are a:
- ☐ Small (skip to Question 2),
 - ☐ Medium (skip to Question 3), or
 - ☐ Large source (skip to Question 4).
- ☐ **YES** Based on the Matrix Tables, we are a: small, medium, large source (circle one). Continue on to the next question.
- ☐ **NO** We do not qualify as a small, medium or large source, nor do we qualify for a Non-metallic General Permit. You still will need to apply for a State permit.

Stationary Source Designation Matrix

Table 1. Annual Production versus Numbers of Units (1,000,000 – 1,750,000)

Number of Units			Stationary Source Annual Production (tons) - Up to:								
Crushers	Screens	Transfer Operations	1,000,000 Qualifies as:	1,250,000	1,500,000	1,750,000	2,000,000	2,250,000	2,500,000	2,750,000	3,000,000
1	1	10	small	small	small	medium	medium	medium	medium	medium	large
2	2	20	small	small	small	medium	medium	medium	large	large	large
3	3	30	small	small	medium	medium	medium	large	large	large	not allowed
4	4	40	small	small	medium	medium	large	large	not allowed	not allowed	not allowed
5	5	50	small	medium	medium	large	large	not allowed	not allowed	not allowed	not allowed
6	6	60	small	medium	medium	large	not allowed	not allowed	not allowed	not allowed	not allowed
7	7	70	small	medium	large	not allowed	not allowed	not allowed	not allowed	not allowed	not allowed
8	8	80	medium	medium	large	not allowed	not allowed	not allowed	not allowed	not allowed	not allowed

Table 2. Annual Production versus In-place Capacity

Cumulative In-Place Capacity (tph)			Stationary Source Annual Production (tons) - Up to:								
Crushers	Screens	Transfer Operations	1,000,000 Qualifies as:	1,250,000	1,500,000	1,750,000	2,000,000	2,250,000	2,500,000	2,750,000	3,000,000
750	750	7,500	small	small	medium	medium	medium	large	large	large	not allowed
1,250	1,250	12,500	medium	medium	medium	medium	large	large	not allowed	not allowed	not allowed
2,500	2,500	25,000	large	large	large	large	large	not allowed	not allowed	not allowed	not allowed

NOTE: Stationary sources, using Table 1, with over 3,000,000 tons per year throughput or with more than 8 crushers, 8 screens or 80 transfer operations are not allowed under this General Permit. Not allowed (in both Tables 1 and 2) means not authorized by this General Permit.

Minn. R. 7007.0150 Small Stationary Source Non-Process Dust Control

2. As a Small stationary source, do you use all reasonable measures to prevent avoidable amounts of particulate matter from becoming airborne?

NOTE: This also refers to preventing avoidable visible dust emissions beyond the lot line surrounding the stationary source. Control of non-process dust emissions (fugitive) can be achieved through such measures as applying water or commercially available dust suppressant to stock piles, unpaved roads and handling areas.

- ☐ **YES** Stop here. You have completed this checklist. We do use all reasonable measures to prevent avoidable amounts of particulate matter from becoming airborne including visible dust emissions beyond the lot line surrounding our stationary source. Skip Questions 3 and 4.
- ☐ **NO** Begin this practice. *This is a deviation and must be recorded on the NM-DRF form.* Stop here. You have completed this checklist. Skip Questions 3 and 4.

Minn. R. 7011.0150 Medium Stationary Source Non-Process Dust Control

In addition to the requirements described in the "Small" option above, as a Medium source these requirements also apply to you the Permittee:

- (1) Record date and time of action and initials of person making the record.
- (2) Record amount of water or dust suppressant applied.
- (3) If a commercially available dust suppressant is used, it must be applied in accordance with the manufacturer's guidelines (a copy of these manufacturer's guidelines must be kept by you)

3. As a Medium Stationary Source do you record the date and time of dust control action(s) and initials of person making the record, as well as record the amount of water or dust suppressant applied each day of use?

- ☐ **YES** Stop here. You have completed this checklist. We do record the date and time of dust control action(s) and initials of person making the record, as well as record the amount of water or dust suppressant applied each day of use. Skip Question 4.
- ☐ **NO** Begin this practice. *This is a deviation and must be recorded on the NM-DRF form.* Continue on to the next question. Continue on to the next question. Skip Question 4.

4. Do you use a commercially available dust suppressant and apply it in accordance with the manufacturer's guidelines?

- ☐ **YES** Stop here. You have completed this checklist.
- ☐ **NO** Begin this practice. *This is a deviation and must be recorded on the NM-DRF form.* You have completed this checklist.

Minn. R. 7011.0150 Large Stationary Source Non-Process Dust Control

In addition to the requirements described in the "Medium" option, the following requirements apply to you the Permittee:

Record date and time of action and initials of person making the record.

- (1) Record amount of water or dust suppressant applied.
 - (2) If a commercially available dust suppressant is used, it shall be applied in accordance with the manufacturer's guidelines. A copy of these manufacturer's guidelines must be kept by the Permittee.
 - (3) Record the location (e.g., on a site sketch) of water or dust suppressant application.
 - (4) Install a rain gauge at the site and record the precipitation in the previous 24 hours for each day of operation at the site.
 - (5) Make and record basic weather observations according to the Weather Summary Criteria listed in Appendix I that best characterize each operating day.
 - (6) Unpaved roads at the site shall be posted with speed limit signs indicating a maximum speed of 10 miles per hour.
 - (7) Equipment to apply water or dust suppressant shall always be available at the site or on call for use at the site within a given operating day.
5. **In 4. As a Large source and in addition to the requirements described in the "Medium" option, do you comply with all seven (7) requirements described in the "Large" option described above for a Large source?**
- ☐ **YES** We do comply with all of the **large** dust control action(s) required above. You have completed this checklist.
- ☐ **NO** Begin this practice. *This is a deviation and must be recorded on the NM-DRF form.* You have completed this checklist.