



Air Dispersion Modeling Information Request Requirements

What is the Modeling Information requirement?

On March 12, 2001, the Minnesota Pollution Control Agency (MPCA) revised its air dispersion modeling policy for facilities with Title V permits. The former policy required all facilities with a potential to emit 100 tons per year or more of sulfur dioxide (SO₂), nitrogen oxides (NO_x) and/or particulate matter less than 10 microns (PM₁₀) to conduct air-dispersion modeling. In general, the current policy still requires air-dispersion modeling, but typically only from facilities whose total actual emissions are also equal to or greater than 250 tons per year SO₂, 1000 tons/year NO_x, or 100 tons/year PM₁₀¹. Facilities with actual emissions below these levels may fulfill a less onerous requirement for “Modeling Information”.

“Modeling Information” includes providing locational data for stacks, fugitive sources, buildings, and property boundaries (or fence lines). It also includes verifying or supplementing facility data the MPCA stores in its database. The data may be related to the stacks, fugitives, buildings, property boundaries, and also emissions.

How do I know if I have the Modeling Information requirement?

Modeling Information requirement may be found in your air permit in *Table B: Submittals*. Some earlier issued permits may have the requirement in *Table A: Limits and Other Requirements*. You do not need to proceed further if your permit does not contain the Modeling Information requirement in either Table A or Table B.

How do I fulfill the Modeling Information requirement?

Detailed directions for fulfilling the Modeling Information requirement can be found on the MPCA Web site at <http://www.pca.state.mn.us/air/modeling.html>.

¹ Permittees may also see a Modeling Information requirement for Particulate Matter less than 2.5 microns (PM_{2.5}) upon implementation of rules for PM_{2.5} emissions.