

2. Southeastern Wisconsin Intrastate Air Quality Control Region consisting of the counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha.

3. Southern Wisconsin Intrastate Air Quality Control Region consisting of the counties of Columbia, Dane, Dodge, Green, Iowa, Jefferson, Lafayette, Richland and Sauk.

4. North Central Wisconsin Intrastate Air Quality Control Region consisting of the counties of Adams, Forest, Florence, Juneau, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas and Wood.

History: Cr. Register, March, 1972, No. 195, eff. 4-1-72.

NR 155.03 Air standards. (1) **SULFUR OXIDES:** (a) *Primary standards:*

1. 80 micrograms per cubic meter (.03 ppm)—annual arithmetic mean.

2. 365 micrograms per cubic meter (.14 ppm)—maximum 24-hour concentration not to be exceeded more than once per year.

(b) *Secondary standards:*

1. 1300 micrograms per cubic meter (0.5 ppm)—maximum 3-hour concentration not to be exceeded more than once per year.

(2) **SUSPENDED PARTICULATE MATTER.** (a) *Primary standards:*

1. 75 micrograms per cubic meter—annual geometric mean.

2. 260 micrograms per cubic meter—maximum 24-hour concentration not to be exceeded more than once per year.

(b) *Secondary standards:*

1. 60 micrograms per cubic meter—annual geometric mean.

2. 150 micrograms per cubic meter—maximum 24-hour concentration not to be exceeded more than once per year.

(3) **CARBON MONOXIDE: PRIMARY AND SECONDARY STANDARDS.** (a) 10 milligrams per cubic meter (9 ppm)—maximum 8-hour concentration not to be exceeded more than once per year.

(b) 40 milligrams per cubic meter (35 ppm)—maximum 1-hour concentration not to be exceeded more than once per year.

(4) **OZONE: PRIMARY AND SECONDARY STANDARDS.** 0.12 ppm (235 micrograms per cubic meter)—maximum 1-hour average concentration. The ozone standards are attained when the expected number of days per calendar year with maximum hourly average concentrations above the designated level is equal to or less than one, as determined by the methodology of 40 C.F.R. s. 50.9, Appendix H (as of September 1, 1981).

(5) **HYDROCARBONS: PRIMARY AND SECONDARY STANDARDS.** 160 micrograms per cubic meter (.24 ppm) measured and corrected for methane—maximum 3-hour concentration (6 to 9 am) not to be exceeded more than once per year.

(6) **NITROGEN DIOXIDE: PRIMARY AND SECONDARY STANDARDS.** 100 micrograms per cubic meter (.05 ppm)—annual arithmetic mean.

(7) LEAD: PRIMARY AND SECONDARY STANDARDS. The primary and secondary standards for lead and its compounds, measured as elemental lead, are: 1.5 micrograms per cubic meter, maximum arithmetic mean averaged over a calendar quarter, as a constituent of suspended particulate matter.

History: Cr. Register, March, 1972, No. 195, eff. 4-1-72; r. (1) (b)1. and 2., renum. (1) (b)3. to be 1., Register, June, 1975, No. 234, eff. 7-1-75; am. (4), Register, August, 1981, No. 308, eff. 9-1-81; reprinted to correct error in (3), Register, November, 1981, No. 311; cr. (7), Register, April, 1983, No. 328, eff. 5-1-83.

NR 155.035 Ambient air increments. (1) SCOPE. The ambient air increments apply to all attainment areas of the state.

(2) CLASS I INCREMENTS. In any area of this state classified under the federal clean air act as a class I area, the ambient air increment of sulfur dioxide and particulate matter may not exceed the following amounts:

(a) Particulate matter

- 1. Annual geometric mean..... 5 micrograms per cubic meter
- 2. Twenty-four hour maximum 10 micrograms per cubic meter

(b) Sulfur dioxide

- 1. Annual arithmetic mean..... 2 micrograms per cubic meter
- 2. Twenty-four hour maximum 5 micrograms per cubic meter
- 3. Three hour maximum..... 25 micrograms per cubic meter

(3) CLASS II INCREMENTS. In any area of this state classified under the federal clean air act as a class II area, the ambient air increment of sulfur dioxide and particulate matter may not exceed the following amounts:

(a) Particulate matter

- 1. Annual geometric mean..... 19 micrograms per cubic meter
- 2. Twenty-four hour maximum 37 micrograms per cubic meter

(b) Sulfur dioxide

- 1. Annual arithmetic mean..... 20 micrograms per cubic meter
- 2. Twenty-four hour maximum 91 micrograms per cubic meter
- 3. Three hour maximum..... 512 micrograms per cubic meter

(4) CLASS III INCREMENTS. In any area of this state classified under the federal clean air act as a class III area, the ambient air increment of sulfur dioxide and particulate matter may not exceed the following amounts:

(a) Particulate matter

- 1. Annual geometric mean..... 37 micrograms per cubic meter
- 2. Twenty-four hour maximum 75 micrograms per cubic meter

(b) Sulfur dioxide

- 1. Annual arithmetic mean..... 40 micrograms per cubic meter