

STATE OF MINNESOTA
MINNESOTA POLLUTION CONTROL AGENCY

In the Matter of Continental Nitrogen and Resource Corporation

Proceedings to Develop
and Implement a State Implementation
Plan for the Pine Bend Sulfur Dioxide
Nonattainment Area to Demonstrate,
Attain and Maintain Compliance with the
National Ambient Air Quality Standards
for Sulfur Dioxide as Required by Sections
110, 172 and 191 of the Clean Air Act,
42 U.S.C. §§ 7410, 7502 and 7514

AMENDMENT ONE
TO FINDINGS
AND ORDER

The Minnesota Pollution Control Agency (MPCA), being fully advised in the premises and with the consent of Continental Nitrogen and Resource Corporation, hereby adopts this Amendment One to the Findings and Order (hereinafter Original Order) that was issued to Continental Nitrogen and Resource Corporation on July 28, 1992. The Original Order was issued to Continental Nitrogen and Resource Corporation with the intention of including the Original Order as part of Minnesota's State Implementation Plan (SIP) to control emissions of sulfur dioxide in the Pine Bend area. The SIP, including the Original Order, was submitted to the U.S. Environmental Protection Agency (EPA) on July 29, 1992. The MPCA intends to submit this Amendment One to the EPA for approval as part of the SIP.

1. Amendment One authorizes the following revision to Part II.B. of the Original Order:

II.B. Emission Limitations. The emission units...The Company shall limit its emissions of sulfur dioxide from Emission Point Nos. 1, 2 and 3 to no more than 1.5 pounds per million British Thermal Units (lb/MMBtu) on an instantaneous basis. The basis for these limitations is 40 CFR Part 50 (1991).

2. Amendment One authorizes the following addition to Part II.D. of the Original Order as Part II.D.3.:


II.D.3. Calculation of SO₂ Emission Rate. In order to calculate the SO₂ emission rate from the sulfur content and heating value, the Company shall use the following formula:

$$\frac{\text{Emission Rate}}{(\text{lb. SO}_2/\text{MMBtu})} = \frac{158,600 \times \% \text{ sulfur/heating value (Btu/gal)}}{}$$

$$\text{The units for } 158,600 = \text{lbs SO}_2/(\text{MMBtu})(\text{gal})$$

Amendment One shall become effective on the date it is executed by the MPCA Air Quality Division Manager. Except as expressly amended herein, all provisions of the Original Order and Amendment One remain unchanged and in full force and effect.

IT IS SO ORDERED BY THE MINNESOTA POLLUTION CONTROL AGENCY:



Lisa J. Thorvig
Division Manager
Air Quality Division

Date: 7-25-94