Minnesota Pollution Control Agency

Office of the Commissioner

June 29, 2000

Mr. Francis X. Lyons, Regional Administrator
U.S. Environmental Protection Agency
Region V (RA-19J)
77 West Jackson Boulevard
Chicago, IL 60604

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JUL 05 2000
AIR PROGRAMS BRANCH

RE: Governor's Letter Recommending Attainment Designation for Ozone

Dear Mr. Lyons: Frank,

Pursuant to Section 107(d)(1) of the Clean Air Act, and following the revision of the ozone National Ambient Air Quality Standard (NAAQS) on July 18, 1997, the Governor of Minnesota is recommending that the entire state of Minnesota be designated as attainment for the new eight-hour ozone standard. This recommendation is contingent upon resolution of the legal issues and recent federal court actions concerning the Environmental Protection Agency's (EPA's) authority to implement this standard.

This designation recommendation is based on three consecutive years (1997-1999) of air sampling data collected at five federal reference and equivalent method monitors around the state. The summary data are provided as tables of the fourth highest value at each monitoring site for each year (1993-1999) and of three-year calculated averages (1993-1995 through 1997-1999) for each site (enclosed). No site in the state exceeded the new eight-hour standard (0.08 parts per million) for ozone for any three-year period. Quality assured ozone monitoring data for Minnesota has been submitted to the Aerometric Information Retrieval System through 1999. The data for May 14, 1998, has been flagged as an exceptional event due to the Mexico wildfires, as per the letter of March 12, 1999, from Loretta Lehrman at EPA Region V. The locations of the ozone monitors in the state and in the metropolitan area of Minneapolis/St. Paul are provided by maps (enclosed).

The Minnesota Pollution Control Agency (MPCA) Commissioner is appointed by the Governor. The Commissioner is also the Chairperson of the MPCA Citizens' Board which, by statute, is granted broad air quality regulatory powers, including power to adopt air quality rules and standards, to issue emission permits, and to issue administrative orders related to air emissions. (Minn. Stat. §§ 116.07 and 116.081 [1998]). Furthermore, the Board delegated to the Commissioner its authority to make State Implementation Plan submittals to the EPA on October 24, 1995. The Commissioner is duly authorized to submit this letter on behalf of the Governor.

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We anticipate that you will agree with this recommendation for state-wide attainment designation. If you have questions or comments on this submission, please contact Gordon Andersson, of my staff, at (651) 296-7667.

Sincerely,

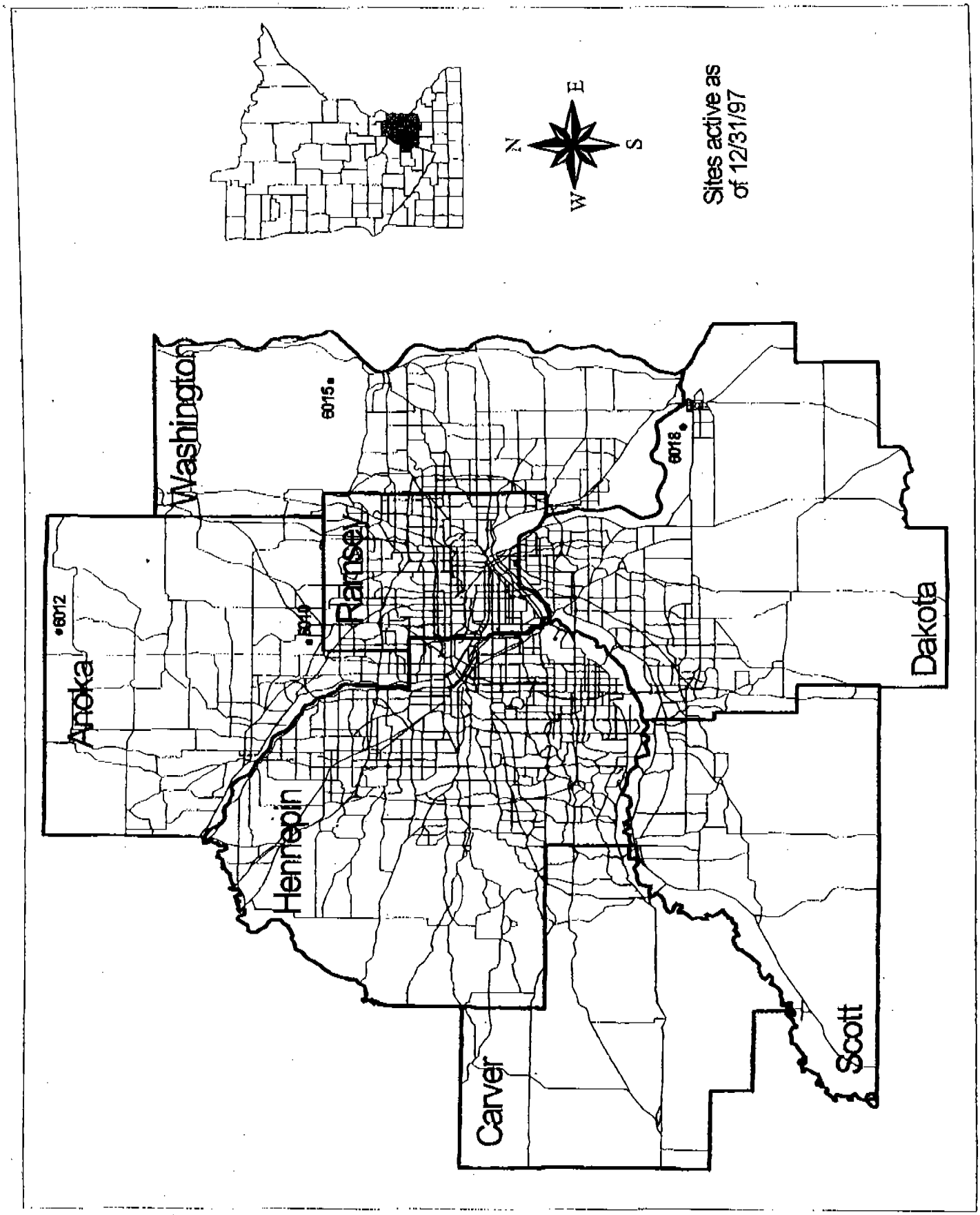
Karen A. Studders
Commissioner

KAS:lmg

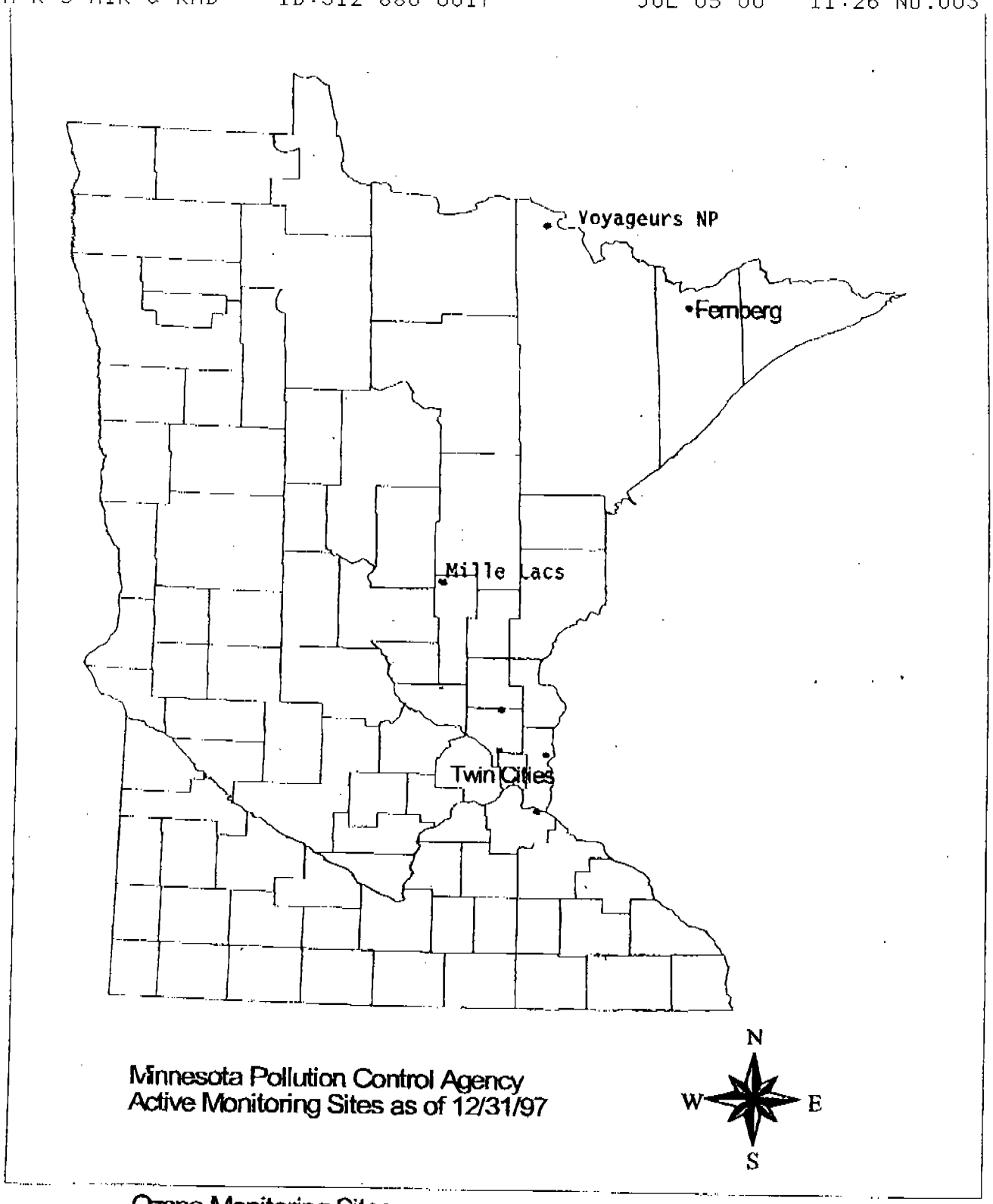
Enclosures

cc: Steven Rothblatt, EPA Region V
Jacqueline Nwia, EPA Region V

US EPA R 5 AIR & RAD ID:312-886-0617 JUL 05'00 11:25 No.003 P.03



Ozone Metro Monitoring Sites



Ozone Monitoring Sites

Ozone Concentrations in Minnesota

Fourth Highest Daily Maximum 8-hour Average (ppm)

AIRS ID	270031002	270031001	271630027	271636015	270376018	270953051	270750005	270710101	27370034
MPCA Site No.	6010	6012	6013	6015	6018	3051	7001	Voy. Nat. Park	Voy. Nat. Park
Location	Anoka Airport	East Bethel	Withrow	Stillwater	Hastings	Mille Lacs	Ely/Fernberg	International Falls	Ash River
County	Anoka	Anoka	Washington	Washington	Dakota	Mille Lacs	Lake	Koochiching	St. Louis
1993	0.056	0.057	0.066	**	0.06	**		0.058	
1994	0.07	0.071	0.066	**	0.069	**	0.069	0.06	
1995	0.064	0.063	0.065	**	0.066	**	0.062	0.07	
1996	0.054	0.06	0.071	**	0.069	**	0.064	**	
1997	*	0.072	**	**	0.07	**	0.063	**	
1998	0.07	0.072	**	0.076	0.071	**	0.068	**	0.067
1999	0.074	0.073	**	0.077	0.07	0.078	0.068	**	***

Three-year Average of the Fourth Highest Daily Maximum 8-hour Average (ppm)

1993-1995	0.070 (3)	0.070 (3)	0.072 (3)	n.a.	0.065 (3)	n.a.	0.065 (2)	0.062 (3)	n.a.
1994-1996	0.069 (3)	0.071 (3)	0.074 (3)	n.a.	0.074 (3)	n.a.	0.065 (3)	0.065 (2)	n.a.
1995-1997	0.061 (2)	0.071 (3)	0.078 (2)	n.a.	0.068 (3)	n.a.	0.063 (3)	n.a.	n.a.
1996-1998	0.062 (2)	0.068 (3)	n.a.	n.a.	0.070 (3)	n.a.	0.065 (3)	n.a.	n.a.
1997-1999	0.072 (2)	0.072 (3)	n.a.	0.076 (2)	0.070 (3)	n.a.	0.066 (3)	n.a.	n.a.

* insufficient data
** blank cells indicate no data (before monitor site operate or after site closed)
*** site operational but no data reported
n.a. = not applicable
(x) is the number of valid data years used to calculate the average; 3 years required to determine attainment status; no average reported with less than 2 years data