



— State of —
North Dakota
Office of the Governor

Jack Dalrymple
Governor

October 29, 2013

Mr. Shaun McGrath
Regional Administrator
U.S. EPA, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

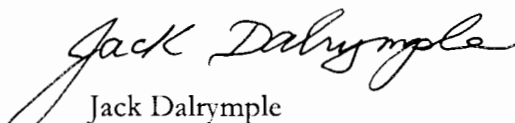
Re: Annual PM_{2.5} Attainment Status Recommendation

Dear Administrator McGrath:

On December 14, 2012, the United States Environmental Protection Agency promulgated a revised primary annual PM_{2.5} National Ambient Air Quality Standard. The final rule sets the annual PM_{2.5} standard at 12 µg/m³. As set forth in the final rule, EPA requested that states submit their initial PM_{2.5} designations to the agency no later than December 13, 2013. The North Dakota Department of Health operates an extensive network of ambient air quality monitoring sites located across the state. Data collected from North Dakota's extensive monitoring system forms the foundation for this recommendation. This data has been entered into the Air Quality Subsystem (AQS) and the Department of Health believes the monitoring data to be complete and accurate. Based on the monitoring data, it is recommended that the entire State of North Dakota be designated as attainment for the annual PM_{2.5} standard.

If you have any questions, please contact the Division of Air Quality within the Health Department at (701)328-5188.

Sincerely,


Jack Dalrymple
Governor

C: Terry Dwelle, State Health Officer
Dave Glatt - Chief, Env. Health Section
Terry O'Clair - Director, Division of Air Quality
Carl Daly, EPA Region 8

Enc.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2013

Pollutant: Site-Level PM_{2.5} - Local Conditions (88101)
Standard Units: Micrograms/cubic meter (LC) (105)
NAAQS Standard: PM₂₅ 24-hour 2006 / PM₂₅ Annual 2006
Statistic: Annual Weighted Mean Level: 15
Statistic: Annual 98th Percentile Level: 35

Design Value Year: 2012

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: North Dakota

Site ID / STREET ADDRESS	2012					2011					2010					24-Hour		Annual	
	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Design	Valid	Design	Valid
	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Value	Ind.	Value	Ind.
38-007-0002 13881 I94 EAST	60	4	11.7	4.4	S	61	4	9.8	4.1		58	4	12.1	4.7		11	Y	4.4	Y
38-013-0004 8315 HIGHWAY 8, KENMARE	346	4	15.7	7.2	S	354	4	13.7	7.4		159	2	16.0*	8.0*		15	N	7.5	N
38-015-0003 1810 N 16TH STREET	363	4	16.3	6.3	S	317	4	13.1	6.3		355	4	19.0	7.8		16	Y	6.8	Y
38-017-1004 4266 40TH AVE NORTH	363	4	19.2	7.2	S	341	4	18.7	7.2		284	4	25.0	9.6		21	Y	8.0	Y
38-025-0003 9610 SEVENTH STREET SW	346	4	16.6	5.8	S	96	1	13.9*	6.4 *						*	15	N	6.1	N
38-053-0002 229 SERVICE RD., WATFORD CITY	364	4	17.4	7.0	S	345	4	17.0	8.8		142	2	18.6*	8.6*		18	N	8.1	N
38-057-0004 6024 HIGHWAY 200	360	4	15.1	5.1	S	354	4	15.0	6.6		192	4	15.0	6.9		15	Y	6.2	Y
38-065-0002 1575 HIGHWAY 31	325	3	14.3*	5.9*	S	43	1	16.8*	3.9 *						*	16	N	4.9	N

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM_{2.5} 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2013

Pollutant: Site-Level PM2.5 - Local Conditions (88101)

Design Value Year: 2011

Standard Units: Micrograms/cubic meter (LC) (105)

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

NAAQS Standard: PM25 24-hour 2006 / PM25 Annual 2006

Statistic: Annual Weighted Mean Level: 15

Statistic: Annual 98th Percentile Level: 35

State Name: North Dakota

Site ID / STREET ADDRESS	2011					2010					2009					24-Hour		Annual	
	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Design	Valid	Design	Valid
	Days	Qtrts	Perctil	Mean	Eval	Days	Qtrts	Perctil	Mean	Eval	Days	Qtrts	Perctil	Mean	Eval	Value	Ind.	Value	Ind.
38-007-0002	61	4	9.8	4.1		58	4	12.1	4.7		61	4	9.9	4.1		11	Y	4.3	Y
13881 I94 EAST																			
38-013-0004	354	4	13.7	7.4		159	2	16.0*	8.0 *						*	15	N	7.7	N
8315 HIGHWAY 8, KENMARE																			
38-015-0003	317	4	13.1	6.3		355	4	19.0	7.8		354	4	16.7	6.5		16	Y	6.9	Y
1810 N 16TH STREET																			
38-017-1004	341	4	18.7	7.2		284	4	25.0	9.6		110	3	19.9*	7.6*		21	N	8.1	N
4266 40TH AVE NORTH																			
38-025-0003	96	1	13.9*	6.4*						*					*	14	N	6.4	N
9610 SEVENTH STREET SW																			
38-053-0002	345	4	17.0	8.8		142	2	18.6*	8.6 *						*	18	N	8.7	N
229 SERVICE RD., WATFORD CITY																			
38-057-0004	354	4	15.0	6.6		192	4	15.0	6.9		60	4	13.5	5.5		15	Y	6.3	Y
6024 HIGHWAY 200																			
38-065-0002	43	1	16.8*	3.9*						*					*	17	N	3.9	N
1575 HIGHWAY 31																			

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Standard Units: Micrograms/cubic meter (LC) (105)
NAAQS Standard: PM25 24-hour 2006 / PM25 Annual 2006
Statistic: Annual Weighted Mean Level: 15
Statistic: Annual 98th Percentile Level: 35

Design Value Year: 2010

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: North Dakota

Site ID / STREET ADDRESS	2010					2009					2008					24-Hour		Annual	
	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Cred.	Comp.	98th	Wtd.	Cert&	Design	Valid	Design	Valid
	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Value	Ind.	Value	Ind.
38-007-0002 13881 I94 EAST	58	4	12.1	4.7		61	4	9.9	4.1		58	4	10.8	4.6	Y	11	Y	4.5	Y
38-013-0004 8315 HIGHWAY 8, KENMARE	159	2	16.0*	8.0*						*					*	16	N	8.0	N
38-015-0003 1810 N 16TH STREET	355	4	19.0	7.8		354	4	16.7	6.5		121	4	14.4	7.0	Y	17	Y	7.1	Y
38-017-1004 4266 40TH AVE NORTH	284	4	25.0	9.6		110	3	19.9*	7.6	*	113	4	23.5	8.3	Y	23	N	8.5	N
38-053-0002 229 SERVICE RD., WATFORD CITY	142	2	18.6*	8.6*						*					*	19	N	8.6	N
38-057-0004 6024 HIGHWAY 200	192	4	15.0	6.9		60	4	13.5	5.5		60	4	13.2	6.6	Y	14	Y	6.3	Y

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