

MATTHEW H. MEAD
GOVERNOR



STATE CAPITOL
CHEYENNE, WY 82002

Office of the Governor

January 12, 2011

Mr. James B. Martin, Regional Administrator
US Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

Dear Mr. Martin:

In response to your letter regarding health-based National Ambient Air Quality Standards (NAAQS), the State of Wyoming is making recommendations on attainment or nonattainment classifications for the State of Wyoming for the 1-hour primary standard for nitrogen dioxide (NO₂) NAAQS that became effective on January 22, 2010.

The State has used the most recent three years of NO₂ monitoring data available to make attainment recommendations. The results and supporting data are found in Attachment 1 to this letter. The State used your letter dated November 9, 2010 and 40 CFR 50 and Appendix S, the National Primary and Secondary Ambient Air Quality Standards for Oxides of Nitrogen (with nitrogen dioxide as the indicator) to determine appropriate boundaries for State designations. Based on this guidance, the State would like to designate the regions listed below as "attainment" for the current 1-hour primary standard for nitrogen dioxide.

<u>Regions</u>	<u>1-Hour Primary NO₂ NAAQS Designation</u>
Albany County	Attainment
Big Horn County	Attainment
Campbell County	Attainment
Carbon County	Attainment
Converse County	Attainment
Crook County	Attainment
Fremont County	Attainment

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<u>Regions</u>	<u>1-Hour Primary NO₂ NAAQS Designation</u>
Goshen County	Attainment
Hot Springs County	Attainment
Johnson County	Attainment
Laramie County	Attainment
Lincoln County	Attainment
Natrona County	Attainment
Niobrara County	Attainment
Park County	Attainment
Platte County	Attainment
Sheridan County	Attainment
Sublette County	Attainment
Sweetwater County	Attainment
Teton County	Attainment
Uinta County	Attainment
Washakie County	Attainment
Weston County	Attainment

The State went ahead and made "attainment" recommendations for all areas since the current monitoring network shows no violations and there are no requirements upon the State to deploy a new monitoring network to measure traffic impacts.

There are portions of the above-mentioned counties which are under the jurisdiction of Tribal Authorities. It is our understanding that Tribal designations will be made separately from State designations.

We look forward to your timely review and approval of this request. If you have any questions concerning the details of this recommendation, please feel free to contact the State of Wyoming's Air Quality Division Administrator, Mr. Steven A. Dietrich, at 307-777-7391.

Best regards,


Matt Mead
Governor

cc: John V. Corra, DEQ Director
Steven A. Dietrich, AQD Administrator
Christine Anderson, AQD
Cara Keslar, AQD
Chad Schlichtemeier, AQD

Annual Primary NO ₂ NAAQS				
Monitor Name	AQD Site ID	Year	Annual Primary Value (ppb)	Data Completeness (% of the data hours in the year are reported)
Thunder Basin	56-005-0123	2007	1.8	88%
		2008	1.73	71%
		2009	1.68	83%
South Campbell County	56-005-0456	2007	4.13	80%
		2008	3.07	85%
		2009	2.63	89%
South Pass	56-013-0099	2007	0.6	63%
		2008	0.48	72%
		2009	0.23	95%
Boulder	56-035-0099	2007	2.65	48%
		2008	1.79	68%
		2009	2.92	89%
Daniel	56-035-0100	2007	0.27	99%
		2008	0.12	98%
		2009	0.3	99%
Wamsutter	56-037-0200	2007	6.61	90%
		2008	5.28	93%
		2009	5.19	85%
Murphy Ridge	56-041-0101	2007	1.73	98%
		2008	2.33	98%
		2009	1.85	95%

Sites that do not meet the data completeness criteria as stated in CFR Part 50 3.1(b)
 An annual primary standard design value is valid when at least 75% of the data hours in the year are reported

Note: The Annual Primary values have not been rounded to the nearest whole number as described in CFR Part 50 4.1(b)

NO₂ 1-Hour Primary NAAQS

Monitor Name	AQD Site ID	3-Year 98 Percentile average (ppb)	Quarter and Year	Annual 98 Percentile (ppb)	Data Completeness ² (% of the data hours in the year are reported - must have at least 75% completeness to meet the NAAQS)	Test Design Value (ppb)	Test Design Value 3-Year 98 Percentile average (ppb)
Thunder Basin	56-005-0123	11	1Q 2007	11	95%	14 Total Days = 278	12
			2Q 2007		79%		
			3Q 2007		91%		
			4Q 2007		88%		
			1Q 2008	11	88%		
			2Q 2008		61%		
			3Q 2008		95%		
			4Q 2008	11	93%		
			1Q 2009		92%		
			2Q 2009		51%		
			3Q 2009		94%		
			4Q 2009				
			South Campbell County	56-005-0456	32.6		
2Q 2007	70%						
3Q 2007	80%						
4Q 2007	95%						
1Q 2008	33	91%					
2Q 2008		91%					
3Q 2008		65%					
4Q 2008	29	94%					
1Q 2009		91%					
2Q 2009		91%					
3Q 2009		81%					
4Q 2009		91%					
South Pass	56-013-0099	5.3				1Q 2007	7
			2Q 2007	73%			
			3Q 2007	67%			
			4Q 2007	95%			
			1Q 2008	5	51%		
			2Q 2008		62%		
			3Q 2008		79%		
			4Q 2008	4	95%		
			1Q 2009		93%		
			2Q 2009		95%		
			3Q 2009		95%		
			4Q 2009		95%		
			Boulder	56-035-0099	33.3	1Q 2007	28
2Q 2007	5%						
3Q 2007	41%						
4Q 2007	51%						
1Q 2008	26	6%					
2Q 2008		93%					
3Q 2008		76%					
4Q 2008	46	95%					
1Q 2009		94%					
2Q 2009		92%					
3Q 2009		75%					
4Q 2009		94%					
Daniel	56-035-0100	8				1Q 2007	8
			2Q 2007	98%			
			3Q 2007	99%			
			4Q 2007	99%			
			1Q 2008	8	99%		
			2Q 2008		94%		
			3Q 2008		99%		
			4Q 2008	8	99%		
			1Q 2009		99%		
			2Q 2009		99%		
			3Q 2009		99%		
			4Q 2009		99%		

Substitution Test CEM Part 50 3.2 (1/10)

Wamsutter	56-037-0200	41	1Q 2007	45	95%
			2Q 2007		77%
			3Q 2007		94%
			4Q 2007		95%
			1Q 2008	40	95%
			2Q 2008		95%
			3Q 2008		89%
			4Q 2008		95%
			1Q 2009	38	73%
			2Q 2009		79%
			3Q 2009		92%
			4Q 2009		95%
			<hr/>		
Murphy Ridge	56-041-0101	18	1Q 2007	19	98%
			2Q 2007		97%
			3Q 2007		98%
			4Q 2007		98%
			1Q 2008	22	98%
			2Q 2008		97%
			3Q 2008		98%
			4Q 2008		98%
			1Q 2009	13	92%
			2Q 2009		98%
			3Q 2009		98%
			4Q 2009		91%

2 Data Source: EPA's AQS Data Completeness Report