



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building
P.O. Box 2063
Harrisburg, PA 17105-2063

December 21, 2010

Secretary

717-787-2814
RECEIVED

Mr. Shawn M. Garvin
Regional Administrator
U.S. Environmental Protection Agency, Region III
1650 Arch Street (Mail Code: 3RA00)
Philadelphia, PA 19103-2029

DEC 30 2010

EPA REGION III
OFFICE OF REGIONAL ADMINISTRATION

Dear Mr. Garvin:

Pursuant to Section 107(d) of the Clean Air Act (CAA), enclosed are the Commonwealth of Pennsylvania's designation recommendations pertinent to the 1-hour National Ambient Air Quality Standard (NAAQS) for nitrogen dioxide (NO₂) promulgated by the U.S. Environmental Protection Agency (EPA) on January 22, 2010. The final rule, which establishes a 1-hour standard of 100 parts per billion, was published in the *Federal Register* on February 9, 2010 (74 *Fed. Reg.* 6474).

The Commonwealth of Pennsylvania currently has 18 NO₂ monitors operating statewide. Using the 2007-2009 data currently available, none of those monitors is showing a design value that exceeds the NO₂ NAAQS. The Department of Environmental Protection (DEP) recommends that the following five areas be designated as attainment: Berks County, Cambria County, Centre County, Erie County, and York County, based on the 2007-2009 design values; no additional monitoring sites are required in these counties. In addition, DEP recommends that the remaining areas of Pennsylvania be designated as "unclassifiable/attainment." Please refer to the enclosed Tables 1 and 2 pertaining to the NO₂ NAAQS design values (expressed in parts per billion) and county-by-county recommendations, respectively. The submittal also includes the documentation for the requisite certified monitoring data.

We understand that EPA will also provide notice of any modifications to Pennsylvania's recommendations at least 120 days prior to issuing final designations. We look forward to working with you and your staff during the development of the final designations for the short-term NO₂ NAAQS in this Commonwealth.

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Division Director (3AP00)



3AP00

Mr. Shawn Garvin

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Thank you in advance for your favorable consideration of our recommendations. Should you have questions or need additional information, please contact Joyce E. Epps, Director of the Bureau of Air Quality, by e-mail at jeepps@state.pa.us or by telephone at 717-787-9702.

Sincerely,


John Hanger
Secretary

Enclosures

Table 1

Commonwealth of Pennsylvania NO₂ Design Values in parts per billion			
3-Year Averages of Annual 98th Percentiles			
County	Site Name	AQS Code	2007-2009
Allegheny (ACHD)	Harrison Twp	42-003-1005	48
Allegheny (ACHD)	BAPC	42-003-0008	54
Beaver	Beaver Falls	42-007-0014	43
Berks	Reading Airport	42-011-0011	37*
Bucks	Bristol	42-017-0012	44
Cambria	Johnstown	42-021-0011	42
Centre	State College	42-027-0100	35*
Dauphin	Harrisburg	42-043-0401	45
Delaware	Chester	42-045-0002	51
Erie	Erie	42-049-0003	45
Lackawanna	Scranton	42-069-2006	46
Lancaster	Lancaster	42-071-0007	40
Northampton	Freemansburg	42-095-0025	42
Perry	Perry County	42-099-0301	22
Philadelphia (AMS)	Lab	42-101-0004	58
Philadelphia (AMS)	Broad	42-101-0047	58
Washington	Charleroi	42-125-0005	40
York	York	42-133-0008	50

* incomplete data

Table 2
Pennsylvania's County-by-County Designation Recommendations for the
1-Hour NO₂ National Ambient Air Quality Standards

Pennsylvania Counties	Current NO2 2007-2009 Design Value (ppb)	Required location for new monitor	Recommended Designation
Adams County	N/A		Unclassifiable/ Attainment
Allegheny County	51	Pittsburgh MSA	Unclassifiable/ Attainment
Armstrong County	N/A	Pittsburgh MSA	Unclassifiable/ Attainment
Beaver County	43	Pittsburgh MSA	Unclassifiable/ Attainment
Bedford County	N/A		Unclassifiable/ Attainment
Berks County	37*		Attainment
Blair County	N/A		Unclassifiable/ Attainment
Bradford County	N/A		Unclassifiable/ Attainment
Bucks County	44	Philadelphia MSA	Unclassifiable/ Attainment
Butler County	N/A	Pittsburgh MSA	Unclassifiable/ Attainment
Cambria County	42		Attainment
Cameron County	N/A		Unclassifiable/ Attainment
Carbon County	N/A	Allentown MSA	Unclassifiable/ Attainment
Centre County	35		Attainment
Chester County	N/A	Philadelphia MSA	Unclassifiable/ Attainment
Clarion County	N/A		Unclassifiable/ Attainment
Clearfield County	N/A		Unclassifiable/ Attainment
Clinton County	N/A		Unclassifiable/ Attainment
Columbia County	N/A		Unclassifiable/ Attainment
Crawford County	N/A		Unclassifiable/ Attainment
Cumberland County	N/A	Harrisburg MSA	Unclassifiable/ Attainment
Dauphin County	45	Harrisburg MSA	Unclassifiable/ Attainment
Delaware County	51	Philadelphia MSA	Unclassifiable/ Attainment
Elk County	N/A		Unclassifiable/ Attainment
Erie County	45		Attainment
Fayette County	N/A	Pittsburgh MSA	Unclassifiable/ Attainment
Forest County	N/A		Unclassifiable/ Attainment
Franklin County	N/A		Unclassifiable/ Attainment
Fulton County	N/A		Unclassifiable/ Attainment
Greene County	N/A		Unclassifiable/ Attainment
Huntingdon County	N/A		Unclassifiable/ Attainment
Indiana County	N/A		Unclassifiable/ Attainment

Pennsylvania Counties	Current NO2 2007-2009 Design Value (ppb)	Required location for new monitor	Recommended Designation
Jefferson County	N/A		Unclassifiable/ Attainment
Juniata County	N/A		Unclassifiable/ Attainment
Lackawanna County	46	Scranton MSA	Unclassifiable/ Attainment
Lancaster County	40	Lancaster MSA	Unclassifiable/ Attainment
Lawrence County	N/A		Unclassifiable/ Attainment
Lebanon County	N/A		Unclassifiable/ Attainment
Lehigh County	N/A	Allentown MSA	Unclassifiable/ Attainment
Luzerne County	N/A	Scranton MSA	Unclassifiable/ Attainment
Lycoming County	N/A		Unclassifiable/ Attainment
McKean County	N/A		Unclassifiable/ Attainment
Mercer County	N/A		Unclassifiable/ Attainment
Mifflin County	N/A		Unclassifiable/ Attainment
Monroe County	N/A		Unclassifiable/ Attainment
Montgomery County	N/A	Philadelphia MSA	Unclassifiable/ Attainment
Montour County	N/A		Unclassifiable/ Attainment
Northampton County	42	Allentown MSA	Unclassifiable/ Attainment
Northumberland County	N/A		Unclassifiable/ Attainment
Perry County	22	Harrisburg MSA	Unclassifiable/ Attainment
Philadelphia County	58	Philadelphia MSA	Unclassifiable/ Attainment
Pike County	N/A		Unclassifiable/ Attainment
Potter County	N/A		Unclassifiable/ Attainment
Schuylkill County	N/A		Unclassifiable/ Attainment
Snyder County	N/A		Unclassifiable/ Attainment
Somerset County	N/A		Unclassifiable/ Attainment
Sullivan County	N/A		Unclassifiable/ Attainment
Susquehanna County	N/A		Unclassifiable/ Attainment
Tioga County	N/A		Unclassifiable/ Attainment
Union County	N/A		Unclassifiable/ Attainment
Venango County	N/A		Unclassifiable/ Attainment
Warren County	N/A		Unclassifiable/ Attainment
Washington County	40	Pittsburgh MSA	Unclassifiable/ Attainment
Wayne County	N/A		Unclassifiable/ Attainment
Westmoreland County	N/A	Pittsburgh MSA	Unclassifiable/ Attainment
Wyoming County	N/A	Scranton MSA	Unclassifiable/ Attainment
York County	50		Attainment

* incomplete data