

US EPA ARCHIVE DOCUMENT



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SECRETARY

November 22, 2011

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

Dear Mr. Garvin:

On March 17, 2009, the Commonwealth of Pennsylvania provided designation recommendations to the U.S. Environmental Protection Agency (EPA) pursuant to Section 107 of the Clean Air Act (CAA) pertinent to the 2008 8-hour National Ambient Air Quality Standard for ozone, 75 parts per billion (ppb). These recommendations used the most current certified ambient monitoring data available at the time using the three-year period 2006-2008.

On September 22, 2011, we were advised through the transmittal of a September 22, 2011, memo from EPA Assistant Administrator Gina McCarthy entitled *Implementation of the Ozone National Ambient Air Quality Standard* that EPA is now moving forward with implementation of the 2008 standard. The purpose of this letter is to revise the Commonwealth's recommendations for designations based on updated certified ambient monitoring data for the three-year period 2009-2011.

If you accept our revised recommendations, seven counties would be designated as nonattainment with the remainder of Pennsylvania's counties designated as attainment. Due to the implementation of state, regional and national control measures reducing volatile organic compounds and nitrogen oxides, most counties recommended as nonattainment in the Commonwealth's 2009 recommendations now measure ozone concentrations in compliance with the 2008 standard.

We are significantly revising the recommendations for area boundaries based on two criteria for designations from EPA's December 4, 2008, memorandum pertaining to *Area Designations for the 2008 Revised Ozone National Ambient Air Quality Standards* – air quality data and level of control of emission sources.

During the period 2006-2008, there were 24 counties that monitored concentrations over 75 ppb. During the period 2009-2011, there are only seven counties monitoring concentrations over 75 ppb. Significantly, these counties are the heart of the urban core for metropolitan areas with a higher concentration of traffic. For example, of the seven counties in the Pittsburgh-Beaver Valley nonattainment area designated for the 1997 ozone standard, only Allegheny County, containing Pittsburgh, is monitoring a concentration above 75 ppb.

Mr. Shawn M. Garvin

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November 22, 2011

Thank you in advance for your favorable consideration of the Commonwealth's designation recommendations for the 2008 ozone standard. 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@pa.gov or by telephone at 717.787.9702.

Sincerely,

A handwritten signature in black ink, consisting of several overlapping, slanted strokes that form a cursive-like shape, followed by a long horizontal line extending to the right.

Michael L. Krancer
Secretary

**TABLE 1. List of Revised Recommended Designations
2009-2011 Monitoring Data**

Pennsylvania Areas	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
DEP's Southeast Region				
Pennsylvania Portion of Philadelphia-Camden- Vineland PA-NJ-DE-MD Combined Statistical Area				
Bucks County	92 ppb	Nonattainment	80ppb	Nonattainment
Chester County	82 ppb	Nonattainment	74 ppb	Attainment
Delaware County	83 ppb	Nonattainment	73 ppb	Attainment
Montgomery County	84 ppb	Nonattainment	77 ppb	Nonattainment
Philadelphia County	89 ppb	Nonattainment	83 ppb	Nonattainment
DEP's Southcentral Region				
Altoona Metropolitan Statistical Area				
Blair County	72 ppb	Attainment	70 ppb	Attainment
Harrisburg-Carlisle- Lebanon Combined Statistical Area				
Harrisburg-Carlisle Metropolitan Statistical Area				
Cumberland County	No monitor	Nonattainment	No monitor	Attainment
Dauphin County	79 ppb	Nonattainment	73 ppb	Attainment
Perry County	77 ppb	Nonattainment	72 ppb	Attainment
Lebanon Metropolitan Statistical Area				
Lebanon County	No monitor		Insufficient data	Attainment
Lancaster Metropolitan Statistical Area				
Lancaster County	82 ppb	Nonattainment	77 ppb	Nonattainment
Reading Metropolitan Statistical Area				
Berks County	Incomplete	Nonattainment	77 ppb	Nonattainment

Pennsylvania Areas	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
York-Hanover-Gettysburg Combined Statistical Area				
York-Hanover Metropolitan Statistical Area				
York County	80 ppb	Nonattainment	72 ppb	Attainment
Gettysburg Micropolitan Statistical Area				
Adams County	77 ppb	Nonattainment	68 ppb	Attainment
Chambersburg Micropolitan Statistical Area				
Franklin County	72 ppb	Attainment	65 ppb	Attainment
Huntingdon Micropolitan Statistical Area				
Huntingdon County	No monitor	Attainment	No monitor	Attainment
Remaining Counties in DEP's Southcentral Region				
Bedford County	No monitor	Attainment	No monitor	Attainment
Fulton County	No monitor	Attainment	No monitor	Attainment
Juniata County	No monitor	Attainment	No monitor	Attainment
Mifflin County	No monitor	Attainment	No monitor	Attainment
DEP's Southwest Region				
Pittsburgh-New Castle Combined Statistical Area				
Pittsburgh Metropolitan Statistical Area		Nonattainment		
Allegheny County	86 ppb	Nonattainment	79 ppb	Nonattainment
Armstrong County	80 ppb	Nonattainment	73 ppb	Attainment
Beaver County	78 ppb	Nonattainment	72 ppb	Attainment
Butler County (Part of DEP's Northwest Region)	No monitor	Nonattainment	No monitor	Attainment
Fayette County	No monitor	Nonattainment	No monitor	Attainment
Washington County	76 ppb	Nonattainment	69 ppb	Attainment
Westmoreland County	76 ppb	Nonattainment	69 ppb	Attainment

Pennsylvania Areas	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
Mercer				
Lawrence County (Part of DEP's Northwest Region)	71 ppb	Attainment	66 ppb	Attainment
Johnstown Metropolitan Statistical Area				
Cambria County	70 ppb	Attainment	69 ppb	Attainment
Somerset Micropolitan Statistical Area				
Somerset County	No monitor	Attainment	No monitor	Attainment
Indiana Micropolitan Statistical Area				
Indiana County	76 ppb	Nonattainment	73 ppb	Attainment
Remaining Counties in DEP's Southwest Region				
Greene County	76 ppb	Nonattainment	69 ppb	Attainment
DEP's Northwest Region				
Erie Metropolitan Statistical Area				
Erie County	78 ppb	Nonattainment	72 ppb	Attainment
Youngstown-Warren-Boardman Metropolitan Statistical Area				
Mercer County	80 ppb	Nonattainment	73 ppb	Attainment
Meadville Micropolitan Statistical Area				
Crawford County	No monitor	Attainment	No monitor	Attainment
St. Marys Micropolitan Statistical Area				
Elk County	No monitor	Attainment	No Monitor	Attainment

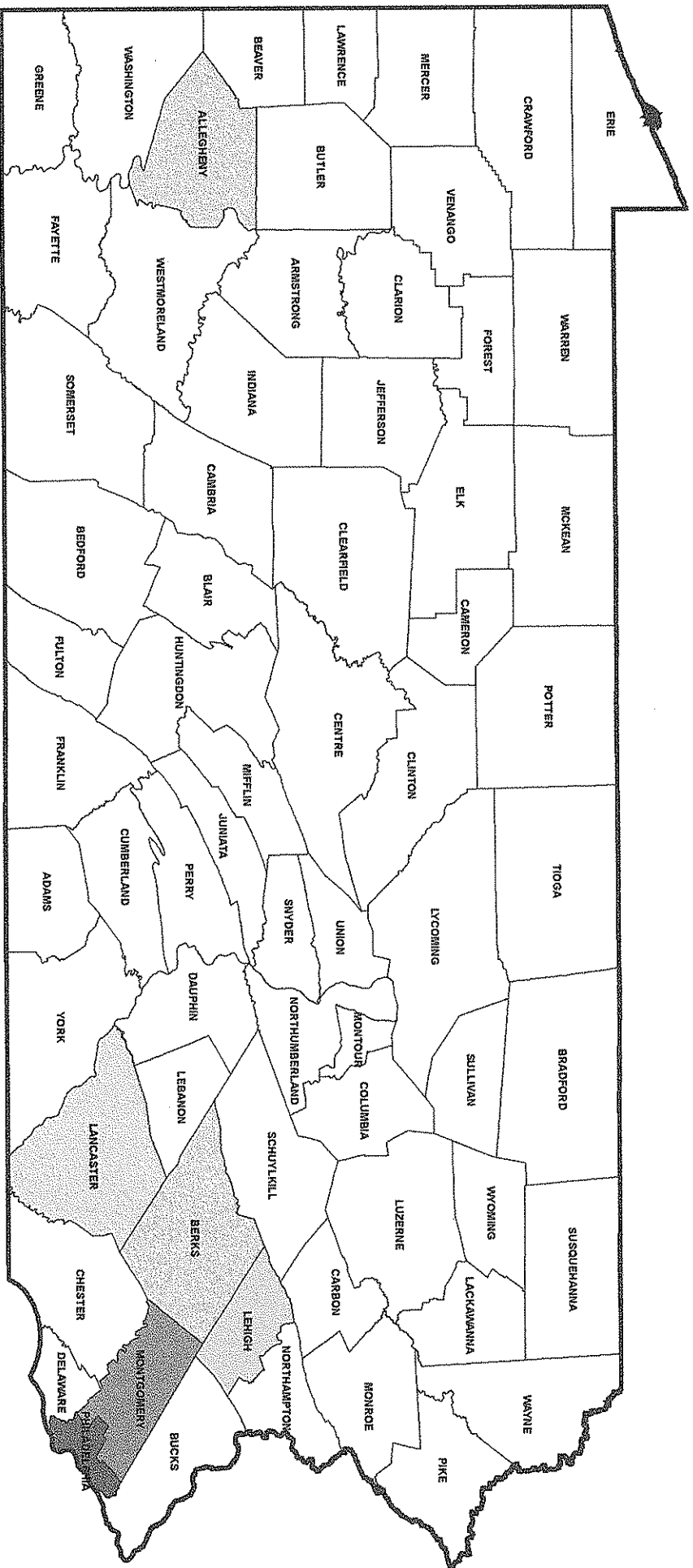
Pennsylvania Areas	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
Bradford Micropolitan Statistical Area				
McKean County	No monitor	Attainment	No Monitor	Attainment
Oil City Micropolitan Statistical Area				
Venango County	No monitor	Attainment	No Monitor	Attainment
Warren Micropolitan Statistical Area				
Warren County	No monitor	Attainment	No monitor	Attainment
Remaining Counties in DEP's Northwest Region				
Clarion County	No monitor	Attainment	No monitor	Attainment
Jefferson County	No monitor	Attainment	No monitor	Attainment
Forest County	No monitor	Attainment	No monitor	Attainment
DEP's Northcentral Region				
State College Metropolitan Statistical Area				
Centre County	75 ppb	Attainment	70 ppb	Attainment
Williamsport-Lock Haven Combined Statistical Area				
Williamsport Metropolitan Statistical Area				
Lycoming County	77 ppb	Nonattainment	66 ppb	Attainment
Lock Haven Micropolitan Statistical Area				
Clinton County	No monitor	Attainment	No monitor	Attainment
Bloomsburg-Berwick Micropolitan Statistical Area				
Columbia County	No monitor	Attainment	No monitor	Attainment
Montour County	No monitor	Attainment	No monitor	Attainment
Dubois Micropolitan Statistical Area				
Clearfield County	73 ppb	Attainment	72 ppb	Attainment

Pennsylvania Area	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
Sunbury-Lewisburg-Selinsgrove Combined SA				
Lewisburg Micropolitan Statistical Area				
Union County	No monitor	Attainment	No monitor	Attainment
Selinsgrove Micropolitan Statistical Area				
Snyder County	No monitor	Attainment	No monitor	Attainment
Sunbury Micropolitan Statistical Area				
Northumberland County	No monitor	Attainment	No monitor	Attainment
Remaining Counties in Northcentral Region				
Bradford County	No monitor	Attainment	No monitor	Attainment
Cameron County	No monitor	Attainment	No monitor	Attainment
Potter County	No monitor	Attainment	No monitor	Attainment
Sullivan County	No monitor	Attainment	No monitor	Attainment
Tioga County	73 ppb	Attainment	69 ppb	Attainment
DEP's Northeast Region				
Allentown-Bethlehem-Easton Metropolitan Statistical Area		Nonattainment		
Carbon County	No monitor		No monitor	Attainment
Lehigh County	80 ppb		76 ppb	Nonattainment
Northampton County	78 ppb		75 ppb	Attainment
Scranton-Wilkes-Barre-Hazleton Metropolitan Statistical Area				
Lackawanna County	74 ppb	Attainment	71 ppb	Attainment
Luzerne County	75 ppb	Attainment	65 ppb	Attainment
Wyoming County	No monitor	Attainment	No monitor	Attainment








Pennsylvania Areas	Design Values 2006-2008	Original Recommended Designations	Design Values 2009-2011	Revised Recommended Designations
New York-Newark-Edison Metropolitan Statistical Area				
Pike County	No monitor	Attainment	No monitor	Attainment
East Stroudsburg Micropolitan Statistical Area				
Monroe County	76 ppb	Nonattainment	70 ppb	Attainment
Remaining Counties in Northeast Region				
Schuylkill County	No monitor	Attainment	No monitor	Attainment
Susquehanna County	No monitor	Attainment	No monitor	Attainment
Wayne County	No monitor	Attainment	No monitor	Attainment

Recommended 8-Hour Ozone Nonattainment Areas in Pennsylvania

Based on 2011 8-Hour Ozone Design Values



8-Hour Ozone Nonattainment Areas (Based on 2008 Ozone Standard)

-  Allegheny County
-  Berks County
-  Bucks County
-  Lancaster County
-  Lehigh County
-  Montgomery County
-  Philadelphia County