



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building
P.O. Box 2063
Harrisburg, PA 17105-2063
February 17, 2005

Secretary

717-787-2814

Mr. Donald S. Welsh, Regional Administrator
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Dear Mr. Welsh:

The purpose of this letter is to request that the U.S. Environmental Protection Agency (EPA) withdraw the designation of nonattainment for fine particulate matter (PM_{2.5}) for the Youngstown-Warren-Sharon, Ohio-Pennsylvania area prior to April 5, 2005. The Youngstown-Warren-Sharon area includes Mercer County, Pennsylvania, as well as Trumbull, Mahoning, and Columbiana Counties in the State of Ohio. Based on certified 2002-2004 monitoring data, this area no longer violates the annual National Ambient Air Quality Standard for PM_{2.5}.

In Section VIII of the preamble to the PM_{2.5} designations (70 Fed. Reg. 948, January 5, 2005), EPA stated that "if any State submits complete, quality assured, certified 2004 data to EPA by February 22, 2005, that suggest that a change of designation status is appropriate, then we will withdraw the designation announced in today's action for such area and issue another designation that reflects the inclusion of 2004 data." To this end, enclosed is a copy of the letter to David Lutz, EPA's Research Triangle Park Office, certifying the 2004 PM_{2.5} data in support of our request for withdrawal of the nonattainment designation for the Youngstown-Warren-Sharon area. We understand that Ohio EPA will be submitting a similar request to EPA Region 5 by February 22, 2005.

We ask that EPA conduct its analysis and approve the request for an attainment designation for this area as soon as possible. We stand ready to supply you with any other information you may need to complete this process. Should you have questions regarding this submission, please contact Joyce E. Epps, Director, Bureau of Air Quality, by e-mail at jeepps@state.pa.us or by telephone at 717-787-9702, or Wick Havens, Chief of the Air Resource Management Division, by e-mail at jhavens@state.pa.us or by telephone at 717-787-9495.

Sincerely,

Kathleen A. McGinty
Secretary

Enclosure





Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building
P.O. Box 8468
Harrisburg, PA 17105-8468
February 14, 2005

Bureau of Air Quality

717-783-9268

Mr. David Lutz
U.S. Environmental Protection Agency
D243-02
Research Triangle Park, NC 27711

Dear Mr. Lutz:

I hereby certify that, to the best of my knowledge, according to 40 CFR Chapter 1, Part 58, the Pennsylvania 2004 PM_{2.5} raw data in the Air Quality System is accurate and complete. I also certify that the data collection procedures conform to the applicable quality assurance, air monitoring methodology, probe siting criteria and reporting requirements in 40 CFR Part 58, Appendices A, C, E and F.

I am enclosing copies of the AMP 240 and AMP 450 reports for your reference. A separate SLAMS Summary Report and letter certifying the accuracy of the other criteria pollutants will be submitted to the U. S Environmental Protection Agency (EPA) no later July 1, 2005, as required by the FFY 2005 Section 105 Grant, Base Program Reporting Requirements, Item 2.D.(1).

As provided in EPA's "Air Quality Designations and Classifications for Particles (PM_{2.5}) National Ambient Air Quality Standards" final rule published on January 5, 2005, states may request an appropriate change in designation status based upon the inclusion of complete, quality assured and certified 2004 data that has been submitted to EPA by February 22, 2005. See, 70 FR 943-1019. The accelerated submission and certification of this PM_{2.5} data is in support of the Pennsylvania Department of Environment Protection's impending request to EPA Region III seeking withdrawal of the nonattainment designation for Mercer County. Based on the quality assured data for 2002-2004, the PM_{2.5} designation for Mercer County, EPA should issue an attainment designation for the area prior to April 5, 2005.

Please call me at 717-787-6548 if you have any questions or need additional information.

Sincerely,

Michael W. Zuvich
Environmental Program Manager
Division of Air Quality Monitoring



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Feb. 14, 2005

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
3	EXCEPTIONAL EVENTS EXCLUDED
4	NATURAL EVENTS EXCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED
6	EXCEPTIONAL EVENTS WITH CONCURRENCE EXCLUDED
7	NATURAL EVENTS WITH CONCURRENCE EXCLUDED

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 QUICK LOOK REPORT (AMP450)

Feb. 14, 2005

PM2.5 - Local Conditions (88101)

Pennsylvania

UG/CU Meter (LC) (105)

24-HOUR

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN		
42-001-0001	1	0851	Not in a city	Adams	NARSTO SITE - 2004	2004	145	358	43.5	43.3	40.3	39.5	36.3	13.68	0	
42-001-0001	3	0851	Not in a city	Adams	NARSTO SITE - 2004	2004	704	8656	41.6	39.2	38.0	37.2	32.4	12.28	0	
42-005-0001	3	0851	Kittanning	Armstrong	GLADE DR. & N	2004	704	8651	45.9	44.6	44.2	41.2	37.8	14.31	0	
42-007-0014	1	0851	Beaver Falls	Beaver	EIGHT STREET	2004	118	119	43.6	43.1	43.0	42.9	43.0	15.38	0	
42-007-0014	2	0851	Beaver Falls	Beaver	EIGHT STREET	2004	118	3	18.1	14.3	6.4		18.1	12.93*	0	
42-007-0014	3	0851	Beaver Falls	Beaver	EIGHT STREET	2004	760	3657	46.3	46.3	45.7	41.8	45.7	17.91*	0	
42-011-0009	1	0851	Reading	Berks	UGI CO MONGAN	2004	118	114	41.2	37.5	33.1	33.1	33.1	15.64	0	
42-011-0009	3	0851	Reading	Berks	UGI CO MONGAN	2004	760	2061	40.2	35.3	34.7	32.8	35.3	15.28*	0	
42-017-0012	1	0851	Bristol	Bucks	ROCKVIEW LANE	2004	118	109	39.8	30.4	29.9	28.7	29.9	12.97	0	
42-021-0011	1	0851	Johnstown	Cambria	MILLER AUTO S	2004	118	116	52.4	37.7	36.2	34.9	36.2	14.42	0	
42-021-0011	3	0851	Johnstown	Cambria	MILLER AUTO S	2004	731	3419	47.1	40.9	40.4	40.0	40.4	16.12*	0	
42-027-0100	1	0851	State College	Centre	PENN STATE UN	2004	145	348	48.1	45.5	44.9	40.7	37.8	13.33	0	
42-029-0100	1	0851	Not in a city	Chester	NEW GARDEN A	2004	118	102	40.5	38.9	32.7	31.6	32.7	14.41*	0	
42-041-0101	1	0851	Carlisle	Cumberland	IMPERIAL COUR	2004	118	343	55.4	45.2	43.1	39.8	39.1	15.13	0	
42-043-0401	1	0851	Harrisburg	Dauphin	1833 UPS DRIV	2004	145	354	55.7	46.7	45.9	43.8	35.5	15.66	0	
42-043-0401	3	0851	Harrisburg	Dauphin	1833 UPS DRIV	2004	731	5481	58.0	53.9	50.3	45.7	43.4	21.20*	0	
42-045-0002	1	0851	Chester	Delaware	FRONT ST & NO	2004	118	113	38.8	37.5	30.5	30.5	30.5	15.02	0	
42-045-0002	2	0851	Chester	Delaware	FRONT ST & NO	2004	118	2	13.2	4.4			13.2	8.80*	0	
42-049-0003	1	0851	Erie	Erie	10TH AND MARN	2004	145	357	38.7	37.1	36.1	35.9	32.5	11.88	0	
42-069-2006	1	0851	Scranton	Lackawanna	GEORGE ST TRO	2004	145	343	47.2	36.5	33.1	33.0	31.2	11.60	0	
42-071-0007	1	0851	Lancaster	Lancaster	ABRAHAM LINCO	2004	118	120	43.6	35.9	35.5	35.4	35.5	16.64	0	
42-071-0007	3	0851	Lancaster	Lancaster	ABRAHAM LINCO	2004	760	8102	65.6	52.4	49.8	48.4	46.1	18.71	0	
42-077-0004	1	0851	Allentown	Lehigh	STATE HOSPITA	2004	145	358	53.6	42.1	39.6	37.2	35.9	14.03	0	
42-079-1101	1	0851	Wilkes-Barre	Luzerne	CHILWICK & WA	2004	145	347	45.5	36.9	36.3	35.6	30.8	12.21	0	
42-085-0100	1	0851	Farrell	Mercer	PA518 (NEW CA	2004	145	346	39.3	37.7	36.9	35.1	34.5	13.37	0	
42-091-0013	1	0851	Norristown	Montgomery	STATE ARMORY	2004	118	102	39.3	29.3	28.8	27.0	28.8	12.00*	0	

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SUBSYSTEM
 P/A REPORTING ORG SUMMARY

Feb. 14, 2005

PLEASE NOTE: Data selection based upon geography may result in output including more reporting organizations than you would expect. When geographic selection is used, every reporting organization that has authority to submit data for the selected geography will be included in the output, if those reporting organizations submitted any precision or accuracy data for any monitors anywhere (not just the geographical selection) during the date range specified.

REPORT ORG: 0851 Pennsylvania Department Of Environmental Protection

AGENCY TYPE: F

PARAMETER															
CODE	DESCRIPTION	**** PRECISION DATA ****				***** ACCURACY DATA *****									
REC MODE	YEAR Q	# OF	PRECIS	PROB LIM	LOC PRI	ACC	AUDIT	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM			
AUDIT CLASS		ANALYZRS	CHECKS	LO UP	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP		

88101	PM2.5 - Local Conditions												
CONTINUOUS		2004			BUBBLE FLOW	PE	AUDIT	10	0	- 3.8	- 1.0		
FLOW					METER		AND						
							CERT						
		1			BUBBLE FLOW	PE	AUDIT	2	0	-10.1	6.2		
					METER		AND						
							CERT						
							BY RO						
		2			BUBBLE FLOW	PE	AUDIT	2	0	-14.2	10.3		
					METER		AND						
							CERT						
							BY RO						
		3			BUBBLE FLOW	PE	AUDIT	2	0	-11.4	4.3		
					METER		AND						
							CERT						
							BY RO						
		4			BUBBLE FLOW	PE	AUDIT	4	0	- 7.1	2.5		
					METER		AND						
							CERT						
							BY RO						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SUBSYSTEM
 P/A REPORTING ORG SUMMARY

Feb. 14, 2005

REPORT ORG: 0851 Pennsylvania Department Of Environmental Protection

AGENCY TYPE: F

PARAMETER		**** PRECISION DATA ****										***** ACCURACY DATA *****			
CODE	DESCRIPTION	YEAR	Q	# OF	PRECIS	PROB LIM	LOC PRI	ACC	AUDIT	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
AUDIT CLASS				ANALYZRS	CHECKS	LO UP	STD	TYPE	TYPE	L1-3 L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP	

88101	PM2.5 - Local Conditions													
INTERMITTENT		2004					BUBBLE FLOW	PE	AUDIT	112	0		- 1.4	- 0.8
FLOW							METER		AND					
									CERT					
									BY RO					
			1				BUBBLE FLOW	PE	AUDIT	28	0		- 1.7	- 0.6
							METER		AND					
									CERT					
									BY RO					
			2				BUBBLE FLOW	PE	AUDIT	28	0		- 0.9	0.3
							METER		AND					
									CERT					
									BY RO					
			3				BUBBLE FLOW	PE	AUDIT	28	0		- 1.4	- 0.3
							METER		AND					
									CERT					
									BY RO					
			4				BUBBLE FLOW	PE	AUDIT	28	0		- 2.7	- 1.4
							METER		AND					
									CERT					
									BY RO					

PARAMETER		***** PRECISION DATA *****							***** ACCURACY DATA *****						
CODE	DESCRIPTION	YEAR	Q	# OF	COLLC	PROB LIM	COLLC SAMP	VAL COLL	LOC PRI	ACC	AUDIT	AUDIT	PROB LIM	PROB LIM	PROB LIM
AUDIT CLASS				SMPLS	SITES	LO UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	CNT	LO-L1-UP	LO-L2-UP	LO-L3-UP

88101	PM2.5 - Local Conditions														
INTERMITTENT		2004		215	4	5.3	6.3	27	188						
COLLOCATED				1	54	4	2.7	3.9	10	44					
				2	56	4	6.6	9.1	5	51					
				3	55	4	2.3	3.2	5	50					
				4	50	4	6.4	9.2	7	43					

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PM2.5 - Local Conditions (88101)

Pennsylvania

UG/CU Meter (LC) (105)

24-HOUR

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN		
42-091-0013	3	0851	Norristown	Montgomery	STATE ARMORY	2004	760	8432	65.4	51.4	48.4	44.5	40.4	17.57	0	
42-095-0025	1	0851	Not in a city	Northampton	WASHINGTON &	2004	145	351	54.5	41.6	39.4	38.5	35.2	13.71	0	
42-095-0025	3	0851	Not in a city	Northampton	WASHINGTON &	2004	704	5086	54.8	42.3	39.5	38.8	37.9	15.69*	0	
42-095-8000	3	0851	Easton	Northampton	17TH AND SPRII	2004	704	3463	45.8	32.9	32.1	31.2	32.1	13.56*	0	
42-099-0301	1	0851	Not in a city	Perry	ROUTE 34 LITT	2004	118	121	35.4	28.2	27.9	27.4	27.9	12.23	0	
42-125-0005	1	0851	Charleroi	Washington	CHARLER01 WAS'	2004	118	116	54.7	38.1	35.4	33.0	35.4	13.99	0	
42-125-0005	2	0851	Charleroi	Washington	CHARLER01 WAS'	2004	118	3	14.6	8.9	7.6		14.6	11.43*	0	
42-125-0200	1	0851	Washington	Washington	MCCARRELL AND	2004	118	119	47.1	37.3	34.0	29.5	34.0	14.14	0	
42-125-5001	1	0851	Not in a city	Washington	HILLMAN STATE	2004	145	347	45.1	44.5	40.8	39.4	36.0	13.21	0	
42-129-0008	1	0851	Greensburg	Westmoreland	DONOHOE ROAD	2004	145	118	59.3	49.6	39.0	33.3	39.0	14.92	0	
42-133-0008	1	0851	York	York	HILL ST.	2004	118	111	56.7	37.5	35.9	34.1	35.9	16.54	0	
42-133-0008	2	0851	York	York	HILL ST.	2004	118	3	16.5	15.1	4.1		16.5	9.95*	0	
42-133-0008	3	0851	York	York	HILL ST.	2004	760	3229	44.6	42.2	38.8	36.2	38.8	17.70*	0	

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Feb. 14, 2005

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	118	R & P MODEL 2025 PM2.5 SEQUNTL	GRAVIMETRIC
88101	145	R & P Model 2025 PM-2.5 FEM Sequential Air Sa	Gravimetric
88101	704	PM2.5 SCC w/Correction Factor	TEOM Gravimetric 30 deg C
88101	731	Met-One BAM W/PM2.5 SCC	Beta Attenuation
88101	760	PM2.5 SCC	FDMS-Gravimetric

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Feb. 14, 2005

REPORTING ORGANIZATIONS USED IN THIS REPORT

REPORTING ORGANIZATION CODE	AGENCY DESCRIPTION
0851	Pennsylvania Department Of Environmental Protection

Note: The * indicates that the mean does not satisfy summary criteria.