State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF THE COMMISSIONER
P.O. Box 402
TRENTON, NJ 08625-0402

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

October 5, 2011

Honorable Judith A. Enck
Regional Administrator
USEPA, Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866

Dear Regional Administrator Enck:

The State of New Jersey requests the United States Environmental Protection Agency (USEPA) determine the air quality in New Jersey and its multi-state nonattainment areas is meeting the fine particle matter ($PM_{2.5}$) National Ambient Air Quality Standards (NAAQS). This determination is referred to as a "clean data determination."

This request is for clean data determinations for:

1. The daily standard for the Northern New Jersey-New York-Long Island (NNJ-NY-CT) nonattainment area. All monitors in New Jersey and the other states in this multi-state nonattainment area have shown compliance with the daily standard for the 2007-2009 monitoring period.

2. The annual fine particle standard for the Southern New Jersey-Philadelphia-Wilmington (SNJ-PA-DE) nonattainment area. All monitors in New Jersey and the other states in this multi-state nonattainment area have shown compliance with the annual standard for the 2007-2009 monitoring period.

3. The daily fine particle standard for the Southern New Jersey-Philadelphia-Wilmington nonattainment area. All monitors in New Jersey and the other states in this multi-state nonattainment area have shown compliance with the daily standard for the 2008-2010 monitoring period.

The USEPA had previously determined that the NNJ-NY-CT $PM_{2.5}$ nonattainment area had attained the 1997 annual $PM_{2.5}$ NAAQS for the 2007-2009 monitoring period. The USEPA issued a clean data determination for the area on November 15, 2010 (75 FR 69589). The state of New Jersey is requesting that the USEPA perform an analysis for the 24-hour fine particulate

matter NAAQS for the NNJ-NY-CT nonattainment area and the 1997 annual and 24-hour fine particle NAAQS for the SNJ-PA-DE nonattainment area. The State believes that the USEPA can perform the same analysis as done for the former NNJ-NY-CT annual $PM_{2.5}$ nonattainment area and find that the NNJ-NY-CT and SNJ-PA-DE nonattainment areas are meeting the fine particle NAAQS.

Information needed for the USEPA to make the clean data determination (40 CFR 51.918) is summarized in the attachments to this letter.

The State Implementation Plan contains a wide range of real, quantifiable, enforceable and permanent, federal and state control measures to reduce $PM_{2.5}$, oxides of nitrogen and sulfur dioxide emissions. A summary of these measures is included in Attachment 5.

We appreciate the assistance your staff provided New Jersey in preparing this request and their continued efforts to assist us in achieving clean air in New Jersey and the region. Achieving the annual and daily $PM_{2.5}$ health standards is a significant accomplishment for our air quality teams.

If you or your staff has any questions, please contact Ms. Sharon Davis, Air Quality Planning Section Chief, at (609) 292-6722.

Sincerely,

Bob Martin
Commissioner

Attachments

c: Jane Kozinski, Assistant Commissioner, NJDEP
Ray Werner, USEPA
Rick Ruvo, USEPA
Ken Fradkin, USEPA

Attachment 1

Clean Data Determination Request Summary

Northern New Jersey-New York-Long Island (NNJ-NY-CT) Nonattainment Area

- New Jersey's fine particle matter ($PM_{2.5}$) air quality data in the Air Quality System measured through 2010 is complete, quality-assured, certified ambient air quality monitoring data. See summary in Attachment 2.

- The data shows that the highest design value in the NNJ-NY-CT nonattainment area for the three year period 2007-2009, 35 $\mu g/m^3$ measured at PS 59 in New York, meets the 24-hr $PM_{2.5}$ National Ambient Air Quality Standard (NAAQS) of 35 $\mu g/m^3$. The highest design value for the New Jersey portion of the nonattainment area is 33 $\mu g/m^3$ measured at Union City.

- The 24-hour $PM_{2.5}$ concentrations in New Jersey have shown a significant overall decreasing trend over time as shown in the chart in Attachment 4.

Southern New Jersey-Philadelphia-Wilmington (SNJ-PA-DE) Nonattainment Area

- Some data was incomplete for some monitors in the SNJ-PA-DE nonattainment area. The USEPA concluded that substitution could be used for monitoring sites with incomplete data. The USEPA's analysis of the SNJ-PA-DE nonattainment area's $PM_{2.5}$ air quality data was provided to the states by the USEPA in an email dated June 9, 2011. See summary in Attachment 3.

- The data shows that the highest design value for the annual standard in the SNJ-PA-DE nonattainment area for the three year period 2007-2009, 13.9 $\mu g/m^3$ measured at Chester, Pennsylvania meets the effective annual $PM_{2.5}$ NAAQS of 15 $\mu g/m^3$. The highest design value for the New Jersey portion of the nonattainment area is 11.7 $\mu g/m^3$ measured at Camden.

- The data shows that the highest design value for the 24-hour standard in the SNJ-PA-DE nonattainment area for the three year period 2008-2010, 33 $\mu g/m^3$ measured at Chester, Pennsylvania, meets the effective 24-hr $PM_{2.5}$ NAAQS of 35 $\mu g/m^3$. The highest design value for the New Jersey portion of the nonattainment area is 25 $\mu g/m^3$ measured at Camden.

- The annual and 24-hour $PM_{2.5}$ concentrations in New Jersey have shown a significant overall decreasing trend over time as shown in the chart in Attachment 4.

Control Measures

- The New Jersey 1997 Annual $PM_{2.5}$ Attainment Demonstration State Implementation Plan (SIP) was submitted to the USEPA on March 26, 2009. The New Jersey Regional Haze SIP was submitted to the USEPA on July 28, 2009. The SIPs document a wide range of real, quantifiable, enforceable and permanent, federal and state control measures adopted and/or implemented to reduce past and future $PM_{2.5}$, oxides of nitrogen and sulfur dioxide emissions. A summary of these measures is included in Attachment 5.

Attachment 2

Clean Data Determination Request – 2006 24-Hour $PM_{2.5}$ NAAQS
Northern New Jersey-New York-Long Island (NNJ-NY-CT) Nonattainment Area

Air Quality Monitoring Data

On November 13, 2009, the USEPA promulgated designations for the 2006 24-hour $PM_{2.5}$ National Ambient Air Quality Standard (NAAQS) (74 FR 58688) of 35 $\mu g/m^3$. Under the 24-hour NAAQS designations, New Jersey was included in two multi-state non-attainment areas. Air quality monitors in the New Jersey portion of the NNJ-NY-CT nonattainment area now monitor attainment of the 2006 24-hour $PM_{2.5}$ NAAQS. Furthermore, the Connecticut and New York State portions of the NNJ-NY-CT nonattainment area monitor attainment of the 2006 24-hour $PM_{2.5}$ NAAQS as well.

The following table contains complete, quality assured 2007-2009 and 2008-2010 24-hour $PM_{2.5}$ design values that have been certified by the New Jersey Department of Environmental Protection, the Connecticut Department of Environmental Protection, and the New York State Department of Environmental Conservation as accurate.

24-hour PM2.5 Monitoring Summary
2009 and 2010 Certified Design Values
Northern New Jersey-New York-Connecticut Nonattainment Area
Last Updated 9/20/11

				Daily PM2.5 Monitored Values 24-Hour 98th Percentile				Daily PM2.5 DV*	Daily PM2.5 DV*	Notes
State	County	Monitor Site	AQS Monitor ID	2007	2008	2009	2010	2007-9	2008-10	Year
				µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	Units
				35	35	35	35	35	35	NAAQS
NJ	Bergen	Fort Lee	34 003 0003	35	32	27	25	31	28	
	Essex	Newark Cultural Center	34 013 0015	35	29	SD	NA	NA**	NA**	Shutdown 7/24/2008, New Newark site up 6/30/2009
	Essex	Newark Firehouse	34 013 0003	NA	NA	NA	24	NA**	NA**	New Newark site up 6/30/2009
	Hudson	Jersey City Primary	34 017 1003	35	32	29	26	32	29	
	Hudson	Union City	34 017 2002	39	33	27	27	33	29	
	Mercer	Trenton	34 021 0008	33	31	23	28	29	27	
	Mercer	Washington Crossing	34 021 8001	27	28	22	19	26	23	
	Middlesex	New Brunswick	34 023 0006	30	29	21	19	27	23	
	Morris	Morristown	34 027 0004	32	24	22	23	26	23	
	Morris	Chester	34 027 3001	31	24	21	23	26	23	
	Passaic	Paterson	34 031 0005	37	29	26	24	30	26	
	Union	Elizabeth Turnpike Primary	34 039 0004	35	34	28	28	32	30	
	Union	Elizabeth Downtown	34 039 0006	36	31	26	25	31	27	
	Union	Rahway	34 039 2003	33	30	25	24	30	26	
NY	Bronx	Morrisania	36 005 0080	36	31	30	27	33	30	
	Bronx	200th Street And Southern Blvd.	36 005 0133	NA	30	27	25	29	27	
	Bronx	E. 156th St.	36 005 0110	34	30	31	25	32	29	No data gathered after 6/16/10.
	Brooklyn	JHS 126	36 047 0122	34	29	27	25	30	27	
	Nassau	Cedarhurst	36 059 0008	29	29	26	20	28	25	
	New York	PS 59	36 061 0056	37	33	NA	NA	35	NA**	Shutdown mid-2008 (building demolished)
	New York	JHS 45	36 061 0079	34	32	29	25	32	29	
	New York	PS 19	36 061 0128	38	26	29	25	31	27	
	New York	PS 124	36 061 0134	37	32	29	27	33	29	
	Queens	Newburgh, 55 Broadway	36 071 0002	30	26	21	27	26	24	
	Queens	Queens College	36 081 0124	32	30	27	26	30	28	
	Staten Island	Port Richmond	36 085 0055	33	29	25	26	29	26	
	Staten Island	Susan Wagner HS	36 085 0067	29	28	23	22	27	24	
	Suffolk	East Farmingdale/Babylon	36 103 0001/2	29	27	22	26	26	24	
	Westchester	Mamaroneck	36 119 1002	31	30	27	27	29	28	

				Daily PM2.5 Monitored Values 24-Hour 98th Percentile				Daily PM2.5 DV*	Daily PM2.5 DV*	Notes
State	County	Monitor Site	AQS Monitor ID	2007	2008	2009	2010	2007-9	2008-10	Year
				$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	Units
				35	35	35	35	35	35	NAAQS
CT	Fairfield	Roosevelt School	09 001 0010	30	32	29	23	31	28	
	Fairfield	Danbury	09 001 1123	30	28	28	26	29	27	
	Fairfield	Norwalk	09 001 3005	32	26	29	23	29	26	
	Fairfield	Westport	09 001 9003	29	31	26	24	29	27	
	New Haven	New Haven Woodward Av	09 009 0026	30	31	29	NA	30	NA**	Site shutdown 2010
	New Haven	New Haven James St	09 009 0027	31	32	30	26	31	29	
	New Haven	New Haven State St	09 009 1123	31	32	31	24	31	29	
	New Haven	New Haven Huntington St	09 009 2008	29	25	27	NA	27	NA**	Site shutdown 2010
	New Haven	Waterbury	09 009 2123	33	28	28	26	30	27	

Notes

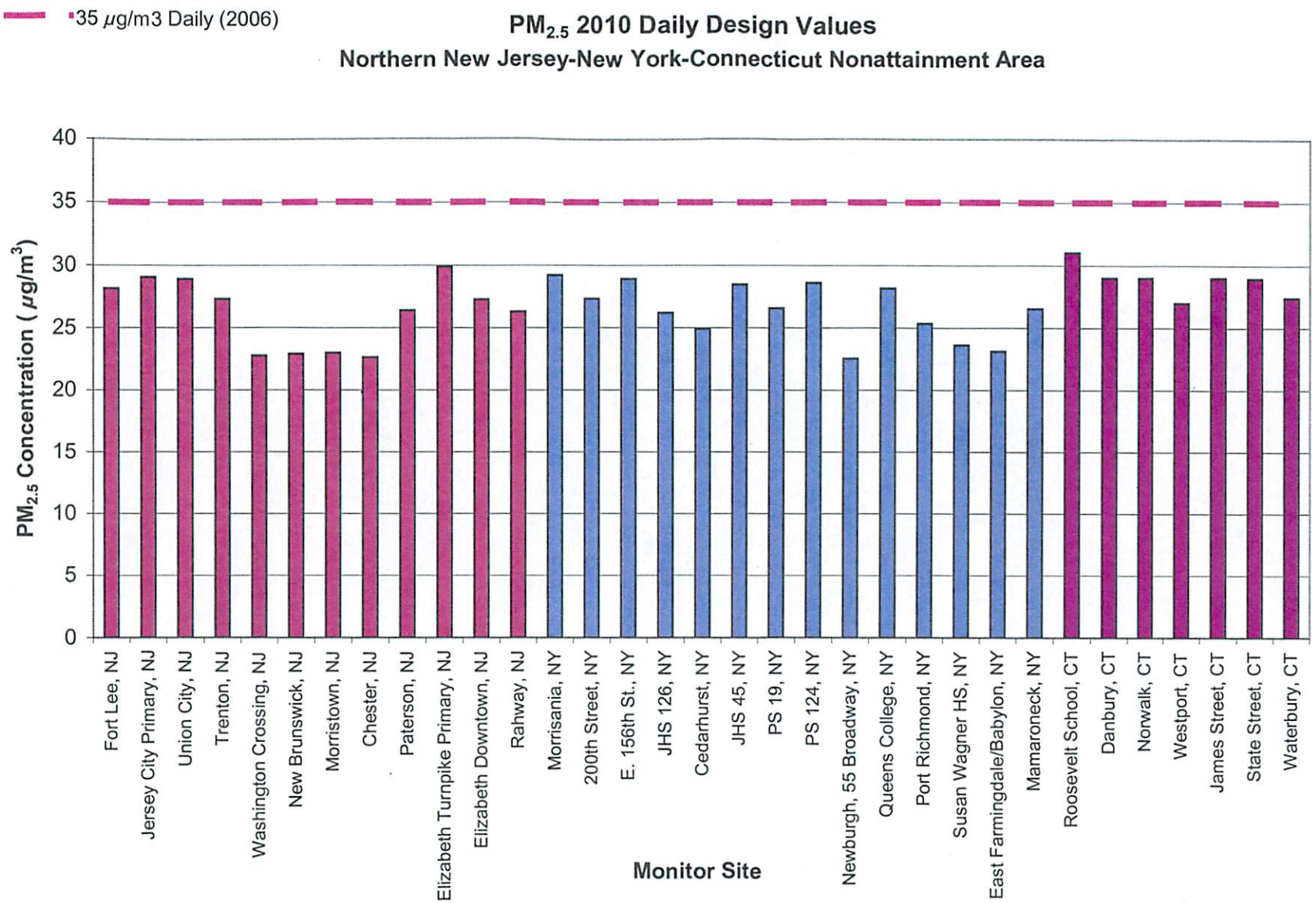
* =Design Value=average of three year period.

**=Data not available since 3 years of data are needed to calculate a design value at a monitor.

NA = Data Not Available

SD = Monitor Shutdown

Data sources are either from the State Agency or AirData (EPA's public query system that accesses AQS)


35 μg/m3 Daily (2006)
PM2.5 2010 Daily Design Values
Northern New Jersey-New York-Connecticut Nonattainment Area
PM2.5 Concentration (μg/m3)
40
35
30
25
20
15
10
5
0
Fort Lee, NJ
Jersey City Primary, NJ
Union City, NJ
Trenton, NJ
Washington Crossing, NJ
New Brunswick, NJ
Morristown, NJ
Chester, NJ
Paterson, NJ
Elizabeth Turnpike Primary, NJ
Elizabeth Downtown, NJ
Rahway, NJ
Morrisania, NY
200th Street, NY
E. 156th St., NY
JHS 126, NY
Cedarhurst, NY
JHS 45, NY
PS 19, NY
PS 124, NY
Newburgh, 55 Broadway, NY
Queens College, NY
Port Richmond, NY
Susan Wagner HS, NY
East Farmingdale/Babylon, NY
Mamaroneck, NY
Roosevelt School, CT
Danbury, CT
Norwalk, CT
Westport, CT
James Street, CT
State Street, CT
Waterbury, CT
Monitor Site

Attachment 3

Clean Data Determination Request –
1997 Annual $PM_{2.5}$ NAAQS and 2006 24-Hour $PM_{2.5}$ NAAQS
Southern New Jersey-Philadelphia-Wilmington (SNJ-PA-DE) Nonattainment Area

Air Quality Monitoring Data

The SNJ-PA-DE nonattainment area was designated nonattainment for the 1997 annual fine particle matter ($PM_{2.5}$) National Ambient Air Quality Standard (NAAQS) of 15 $\mu g/m^3$ on December 17, 2004 (70 FR 944). Under the annual NAAQS, New Jersey was included in two multi-state non-attainment areas.

On November 13, 2009, the United States Environmental Protection Agency (USEPA) promulgated designations for the 2006 24-hour $PM_{2.5}$ NAAQS (74 FR 58688) of 35 $\mu g/m^3$. Under the 24-hour NAAQS designations, New Jersey was also included in two multi-state non-attainment areas. Air quality monitors in the New Jersey portion of the SNJ-PA-DE nonattainment area now monitor attainment of the 1997 Annual $PM_{2.5}$ NAAQS and the 2006 24-hour $PM_{2.5}$ NAAQS. Furthermore, the Pennsylvania and Delaware State portions of the SNJ-PA-DE nonattainment area monitor attainment of the 1997 annual $PM_{2.5}$ NAAQS and the 2006 24-hour $PM_{2.5}$ NAAQS as well.

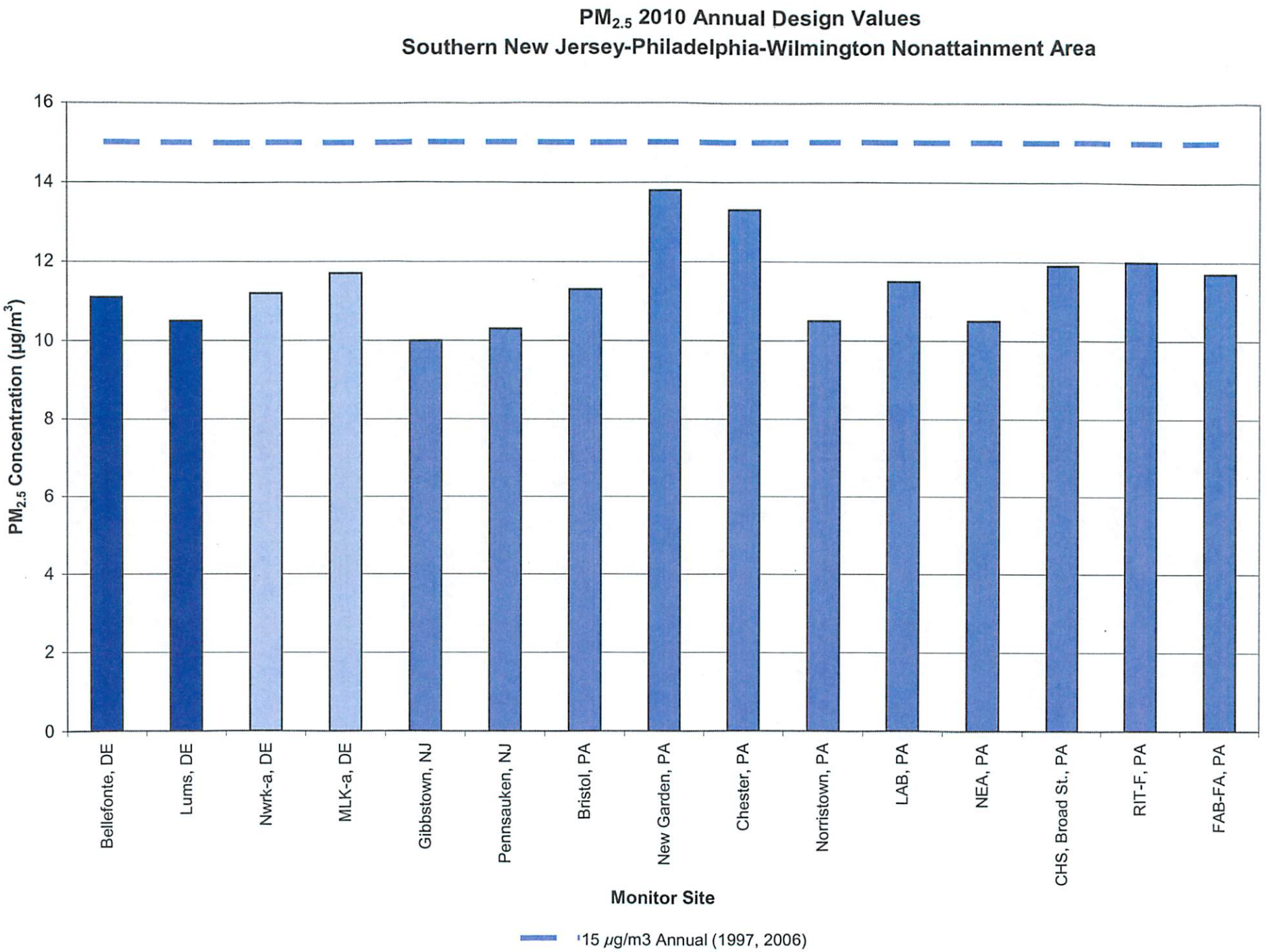
On June 9, 2011, the USEPA provided the states in the SNJ-PA-DE nonattainment area with an analysis of the $PM_{2.5}$ monitoring data for this area. The USEPA concluded that for the years 2007-2009 data substitution could be used at monitoring sites with incomplete data for the annual standard, but not for the 24-hour standard at the Chester, PA monitoring site. However, the USEPA concluded that data substitution could be used for the years 2008-2010 at monitoring sites with incomplete data for the 24-hour standard.

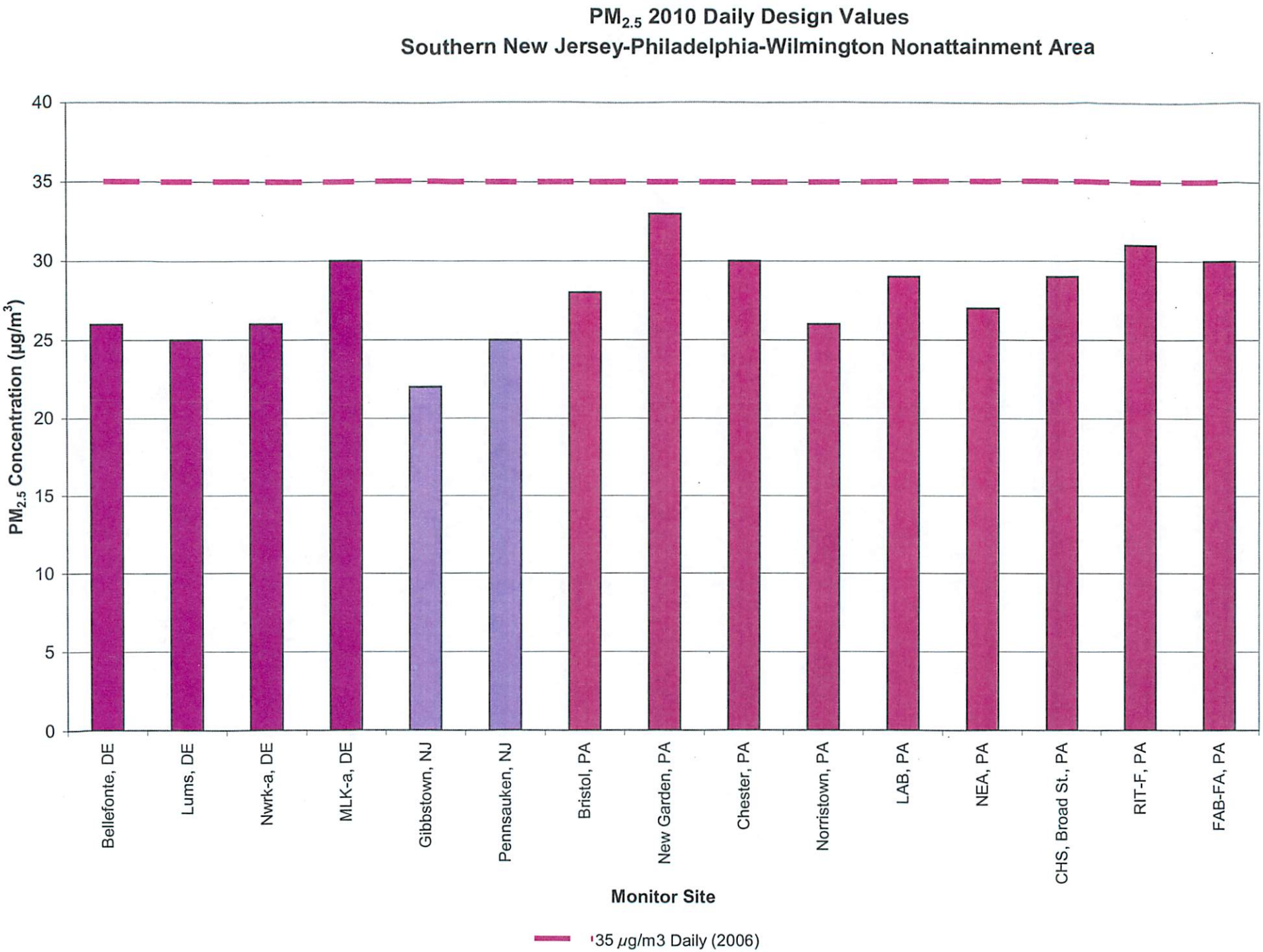
The following table contains 2008-2010 annual and daily $PM_{2.5}$ design values that were provided to the New Jersey Department of Environmental Protection by the USEPA.

Annual and 24-hour PM2.5 Monitoring Summary
2009 and 2010 Certified Design Values
Southern New Jersey-Philadelphia-Wilmington
Last Updated 6/9/11

State	County	Monitor Site	AQS Monitor ID		Annual Mean PM2.5 Monitored Values			Annual PM2.5 DV*		Annual PM2.5 DV*		Daily PM2.5 Monitored Values			Daily PM2.5 DV*	
			Year	2007	2008	2009	2010	2007-2009		2008-2010		2008	2009	2010	2008-10	
			Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	Notes	µg/m³	Notes	µg/m³	µg/m³	µg/m³	µg/m³	Notes
			NAAQS	15	15	15	15	15		15		35	35	35	35	
NJ	Camden	Pennsauken	340071007	13.8	11.9	9.5	9.5	11.7	C	10.3	C	28.0	25.0	23.4	25.0	C
	Gloucester	Gibbstown	340150004	13.3	11.5	9.3	9.1	11.4	Max Q Sub.	10.0	C	23.9	21.9	21.6	22.0	C
	New Castle	Bellefonte	100031003	13.4	13.0	10.2	10.2	12.2	Max Q Sub.	11.1	Max Q Sub.	31.6	23.2	24.3	26.0	Max Q Sub.
DE	New Castle	Lums	100031007	12.5	11.5	10.0	10.0	11.3	Max Q Sub.	10.5	Max Q Sub.	28.1	20.6	27.5	25.0	Max Q Sub.
	New Castle	Nwrk-a	100031012	13.4	12.5	10.6	10.4	12.2	C	11.2	C	28.6	23.4	24.9	26.0	C
	New Castle	MLK-a	100032004	14.4	13.5	11.2	10.6	13.0	C	11.7	C	34.8	28.4	27.9	30.0	C
	Bucks	Bristol	420170012	13.0	12.7	10.8	10.5	12.2	C	11.3	C	30.9	25.8	28.3	28.0	C
PA	Chester	New Garden	420290100	14.1	13.7	14.1	13.8	13.9	I	13.8	Max Q Sub.	32.0	31.1	35.1	33.0	I
	Delaware	Chester	420450002	14.7	13.9	12.4	13.5	13.7	C	13.3	C	28.6	27.9	32.8	30.0	C
	Montgomery	Norristown	420910013	13.1	11.7	10.4	9.5	11.7	C	10.5	C	23.7	27.2	25.9	26.0	C
	Philadelphia	LAB	421010004	13.7	13.0	10.8	10.7	12.5	C	11.5	C	34.5	25.9	27.6	29.0	C
	Philadelphia	NEA	421010024	12.9	12.0	9.9	9.6	11.6	Max Q Sub.	10.5	C	30.5	25.5	25.2	27.0	C
	Philadelphia	CHS, Broad St.	421010047	14.3	13.5	11.1	11.0	13.0	Max Q Sub.	11.9	C	32.8	27.2	27.6	29.0	C
	Philadelphia	RIT-F	421010055	NO	13.5	11.3	11.3	12.4	C	12.0	C	34.5	28.6	28.9	31.0	C
	Philadelphia	FAB-FA	421010057	NO	13.3	11.1	10.9	12.1	C	11.7	C	32.8	28.3	27.9	30.0	C

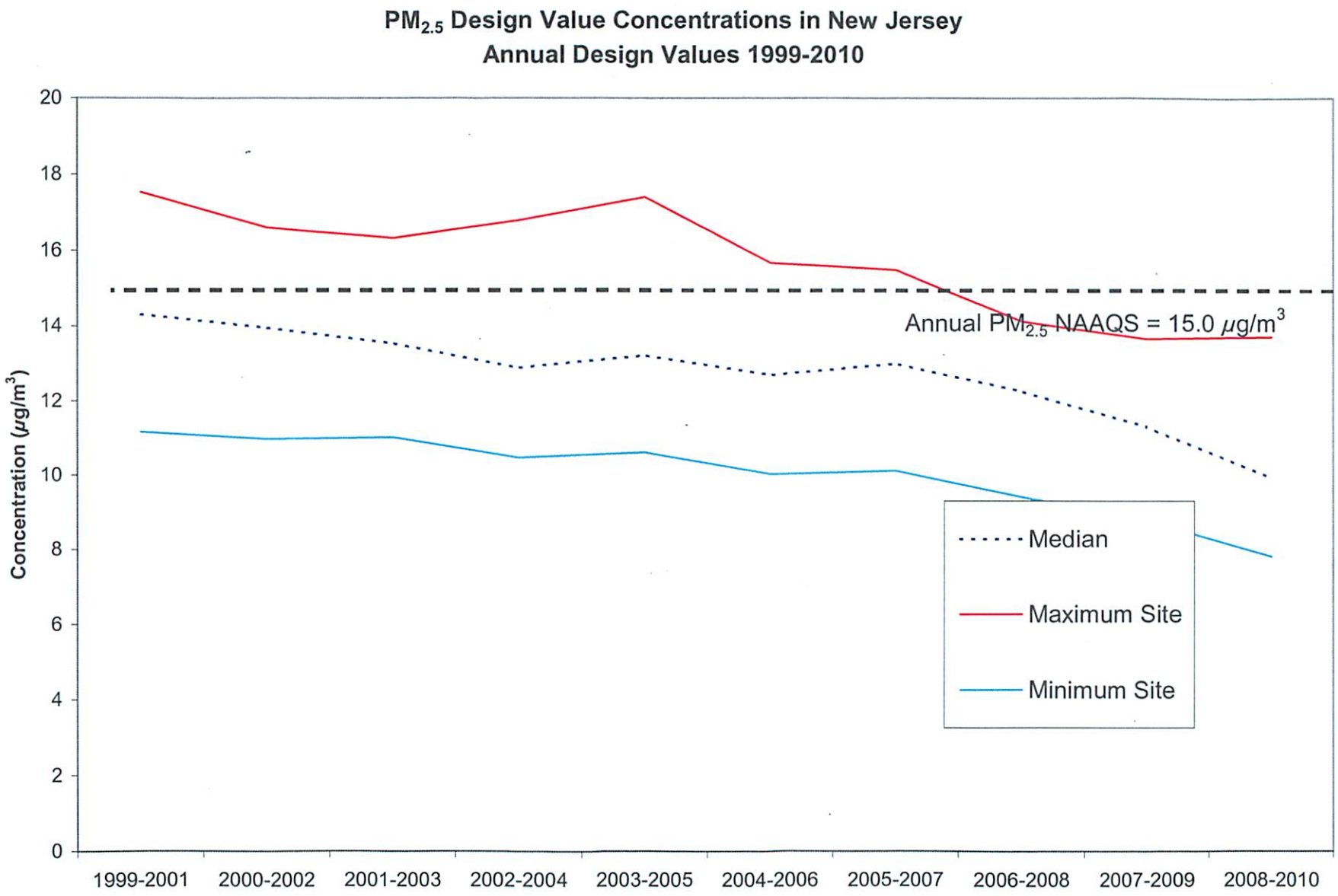
Notes: Source: USEPA email dated June 9, 2011
NO indicates that a monitoring site was not operational
"Max Q Sub." indicates that data was incomplete, but the annual mean of the "incomplete year" has deemed valid because it passed a data substitution test.
"C" indicates complete data

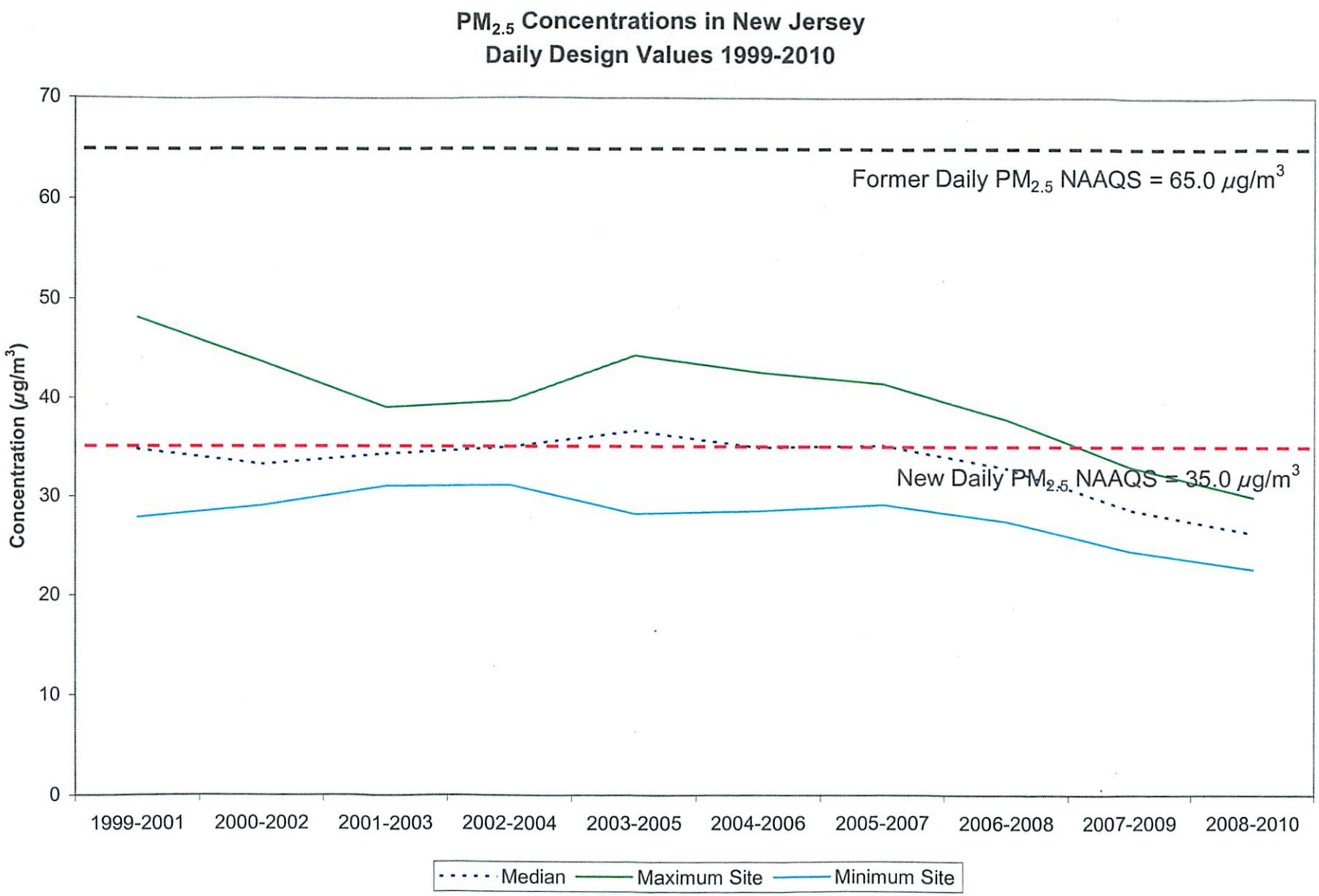

PM2.5 2010 Annual Design Values
Southern New Jersey-Philadelphia-Wilmington Nonattainment Area
PM2.5 Concentration (µg/m3)
16
14
12
10
8
6
4
2
0
Bellefonte, DE
Lums, DE
Nwrk-a, DE
MLK-a, DE
Gibbstown, NJ
Pennsauken, NJ
Bristol, PA
New Garden, PA
Chester, PA
Norristown, PA
LAB, PA
NEA, PA
CHS, Broad St., PA
RIT-F, PA
FAB-FA, PA
Monitor Site
15 µg/m3 Annual (1997, 2006)


PM2.5 2010 Daily Design Values
Southern New Jersey-Philadelphia-Wilmington Nonattainment Area
PM2.5 Concentration (µg/m3)
40
35
30
25
20
15
10
5
0
Bellefonte, DE
Lums, DE
Nwrk-a, DE
MLK-a, DE
Gibbstown, NJ
Pennsauken, NJ
Bristol, PA
New Garden, PA
Chester, PA
Norristown, PA
LAB, PA
NEA, PA
CHS, Broad St., PA
RIT-F, PA
FAB-FA, PA
Monitor Site
35 µg/m3 Daily (2006)

Attachment 4

Monitoring Trend Charts


PM2.5 Design Value Concentrations in New Jersey
Annual Design Values 1999-2010
Concentration (µg/m3)
20
18
16
14
12
10
8
6
4
2
0
1999-2001
2000-2002
2001-2003
2002-2004
2003-2005
2004-2006
2005-2007
2006-2008
2007-2009
2008-2010
Annual PM2.5 NAAQS = 15.0 µg/m3
Median
Maximum Site
Minimum Site


PM2.5 Concentrations in New Jersey
Daily Design Values 1999-2010
Former Daily PM2.5 NAAQS = 65.0 μg/m3
New Daily PM2.5 NAAQS = 35.0 μg/m3
Concentration (μg/m3)
70
60
50
40
30
20
10
0
1999-2001
2000-2002
2001-2003
2002-2004
2003-2005
2004-2006
2005-2007
2006-2008
2007-2009
2008-2010
Median
Maximum Site
Minimum Site

Attachment 5

$PM_{2.5}$ Control Measure Summary

New Jersey Control Strategies

New Jersey has taken significant actions to reduce the emissions of fine particle matter ($PM_{2.5}$) and its precursors, as demonstrated in several recent State Implementation Plan revisions (8-hour ozone – October 2007, $PM_{2.5}$ – March 2009, Regional Haze – July 2009).

This attachment includes a summary of federal and state control measures that have resulted in a reduction of emissions of $PM_{2.5}$ and its precursors (oxides of nitrogen and sulfur dioxide). These emission reductions and other reductions resulting from actions by the other states in our multi-state nonattainment area have helped New Jersey and our multi-state nonattainment area to attain the annual and daily $PM_{2.5}$ standards. Additionally, the United States Environmental Protection Agency (USEPA) determined that the Northern New Jersey-New York-Long Island (NNJ-NY-CT) $PM_{2.5}$ nonattainment area has attained the 1997 annual $PM_{2.5}$ NAAQS for the 2007-2009 monitoring period. The USEPA issued a clean data determination for the area on November 15, 2010 (75 FR 69589).

PM2.5 Control Measure Summary, 2002 Base Year Inventory					
Last Updated 7/29/11					
		New Jersey Administrative Code (NJAC)	EPA Approval	Sector	Pollutants
Federal	Energy Conservation Standards for New Federal Commercial and Multi-Family High-Rise Residential Buildings and New Federal Low-Rise Residential Buildings	N/A	N/A	Area	NOx, SO2
Federal	Residential Woodstove NSPS	N/A	N/A	Area	PM, NOx, CO, VOC
Federal	Onroad Refueling Vapor Recovery (ORVR) beyond Stage II	N/A	N/A	Area/Onroad	VOC
Federal	Diesel Marine Engines over 37 kW	N/A	N/A	Nonroad	NOx, VOC
Federal	Large Industrial Spark-Ignition Engines over 19 kW	N/A	N/A	Nonroad	NOx, CO
Federal	Locomotive Engines and Marine Compression-Ignition Engines Less Than 30 Liters per Cylinder	N/A	N/A	Nonroad	PM, NOx, (CO, VOC)
Federal	New Nonroad Engine Standards	N/A	N/A	Nonroad	VOC, NOx, PM
Federal	Nonroad Diesel Engines	N/A	N/A	Nonroad	PM, NOx, CO, VOC
Federal	Phase 2 Standards for New Nonroad Spark-Ignition Nonhandheld Engines at or below 19 kW	N/A	N/A	Nonroad	NOx, VOC, CO
Federal	Phase 2 Standards for Small Spark-Ignition Handheld Engines at or below 19 kW	N/A	N/A	Nonroad	NOx, VOC, CO
Federal	Recreational Vehicles (includes snowmobiles, off-highway motorcycles, and all-terrain vehicles)	N/A	N/A	Nonroad	NOx, CO, HC,
Federal	Heavy Duty Diesel Vehicle (HDDV) Defeat Device Settlement	N/A	N/A	Onroad	NOx
Federal	Heavy Duty Diesel Vehicle (HDDV) Engine Standards	N/A	N/A	Onroad	NOx, HC
Federal	National Low Emission Vehicle Program (NLEV)	N/A	N/A	Onroad	PM, NOx, CO, VOC
Federal	Tier 1 Vehicle Program	N/A	N/A	Onroad	PM, NOx, CO, NMHC
Federal	Tier 2 Vehicle Program/Low Sulfur Fuels	N/A	N/A	Onroad	SO_2
Federal	Acid Rain	N/A	N/A	Point	SO2
Federal	Clean Air Interstate Rule (CAIR)	N/A	N/A	Point	SO_2, NO_x
Federal	Refinery Consent Decrees (Sunoco, Valero)	N/A	N/A	Point	PM, SO_2, NO_x
Federal	Refinery Consent Decrees (Sunoco, Valero, and ConocoPhillips)	N/A	N/A	Point	PM, SO_2, NO_x
Federal	USEPA MACT Standards including Industrial Boiler/Process Heater MACT	N/A	N/A	Point	VOC, HAP
New Jersey	Architectural Coatings 2005	NJAC 7:27-23	11/30/2005	Area	VOC
New Jersey	Asphalt Paving	NJAC 7:27-16.19	8/3/2010	Area	VOC
New Jersey	Consumer Products 2005	NJAC 7:27-24	1/25/2006	Area	VOC
New Jersey	Consumer Products 2009 Amendments	NJAC 7:27-24	7/22/2010	Area	VOC
New Jersey	Mobile Equipment Repair and Refinishing	NJAC 7:27-16.12	7/2/2004	Area	VOC
New Jersey	Smoke Management	N/A	N/A	Area	PM

PM2.5 Control Measure Summary, 2002 Base Year Inventory					
Last Updated 7/29/11					
		New Jersey Administrative Code (NJAC)	**EPA Approval**	**Sector**	**Pollutants**
New Jersey	Stage I and Stage II (Gasoline Transfer Operations)	NJAC 7:27-16.3	7/2/2004	Area	VOC
New Jersey	Portable Fuel Containers 2005	NJAC 7:27-24	1/25/2006	Area and Nonroad	VOC
New Jersey	Portable Fuel Containers 2009 Amendments	NJAC 7:27-24	7/22/2010	Area and Nonroad	VOC
New Jersey	Adhesives and Sealants	NJAC 7:27-26	7/22/2010	Area and Point	VOC
New Jersey	Diesel Risk Reduction Efforts at Ports	N/A	N/A	Nonroad	PM
New Jersey	Diesel Idling Rule Amendments	NJAC 7:27-14.1, 14.3	4/14/2009	Onroad	$PM_{2.5}$, NO_x
New Jersey	Diesel Smoke (I/M Cutpoint) Rule Amendments	NJAC 7:27-14	TBD	Onroad	$PM_{2.5}$, NO_x
New Jersey	New Jersey Heavy Duty Diesel Rules Including "Not-To-Exceed" (NTE) Requirements	NJAC 7:27-26/28	8/27/2007	Onroad	PM, SO2, NOx
New Jersey	New Jersey Low Emission Vehicle (LEV) Program	NJAC 7:27-29	2/13/2008	Onroad	PM, SO_2, NO_x, VOC,
New Jersey	On-Board Diagnostics (OBD) – (I/M) Program for Gasoline Vehicles	NJAC 7:27-15	5/21/2004	Onroad	VOC, NOx, CO
New Jersey	Asphalt Production Plants Rule	NJAC 7:27-19.9	8/3/2010	Point	NO_x
New Jersey	Case by Case NO_x Emission Limit Determinations (FSELs/AELs)	NJAC 7:27-19.13	8/3/2010	Point	NOx
New Jersey	EGU Consent Decrees (PSE&G Hudson NO_x)	N/A	N/A	Point	PM, NOx
New Jersey	EGU Consent Decrees (PSE&G Hudson SO_2)	N/A	N/A	Point	PM, SO_2
New Jersey	EGU Consent Decrees (PSE&G Mercer)	N/A	N/A	Point	PM, SO2, NO_x
New Jersey	EGU - BL England ACO	N/A	N/A	Point	PM, SO2, NO_x
New Jersey	EGUs - Coal-fired Boilers	NJAC 7:27-4.2, 10.2, 19.4	8/3/2010	Point	PM, SO2, NO_x
New Jersey	EGUS - Oil and Gas Fired	NJAC 7:27-4.2, 10.2, 19.4	8/3/2010	Point	NO_x
New Jersey	Glass Manufacturing	NJAC 7:27-19.10	8/3/2010	Point	NO_x
New Jersey	High Electric Demand Day (HEDD) Program	NJAC 7:27-19.29	8/3/2010	Point	SO_2, NO_x
New Jersey	ICI Boiler Rule 2009	NJAC 7:27-19.7	8/3/2010	Point	NO_x
New Jersey	Municipal Waste Combustors (Incinerators) NO_x portion	NJAC 7:27-19.13	8/3/2010	Point	NOx
New Jersey	Municipal Waste Combustors (Incinerators) PM portion	NJAC 7:27-19.13	8/3/2010	Point	PM
New Jersey	Nonattainment New Source Review (NNSR)	N/A	N/A	Point	
New Jersey	NO_x Budget Program (SIP Call)	NJAC 7:27-27.31	5/22/2001	Point	NO_x
New Jersey	NO_x RACT Rule (2006)	NJAC 7:27-27.19	7/31/2007	Point and Area	PM, NOx
New Jersey	USEPA CTGs (4 categories)	NJAC 7:27-16.7	8/3/2010	Point	VOC
New Jersey	VOC Stationary Storage Tank Measures	NJAC 7:27-16.2	8/3/2010	Point	VOC

PM2.5 Control Measure Summary, 2002 Base Year Inventory					
Last Updated 7/29/11					
		New Jersey Administrative Code (NJAC)	**EPA Approval**	**Sector**	**Pollutants**
New Jersey	Low Sulfur Distillate and Residual Fuel Strategies	NJAC 7:27-27.9	TBD	Point and Area	SO_2, NOx
New Jersey	Solvent Cleaning	NJAC 7:27-16.6	7/2/2004	Point and Area	VOC
New Jersey	Sewage and Sludge Incinerators	NJAC 7:27-19.28	8/3/2010	Point	NO_x