

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard
(12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Babylon	5150-02	.006	.007	.007	(.010)	xxx						
Eisenhower Park	2950-10	.005	.006	.006	.006	.005	.004	.005	.004	.004	.004	.004

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station		Site No.		One-Hour Averages		3-Hour Block Averages			24 Hour Average (Calendar Day)									
						Maximum not to exceed 0.5 PPM more than once per calendar year *			Observations		Highest Values, PPM			Observations		Highest Values, PPM Midnight - Midnight		
						Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd			
Eisenhower Park	2950-10	8,374	96	2,749	0	.039 [01/03, 09]	.032 [03/10, 09]	.030 [03/10, 06]	354	0	.017 [02/17]	.016 [12/07]	.015 [01/03]					

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Annual Averages 1995 through 2005

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	3 Yr Exp Val
Babylon (Farmingdale)	5150-01	18	18	19	19	xx							
Eisenhower Park	2950-10	20	18	21	18	16	17	17	18	18	15	xx	xx
Roslyn Heights	2951-03	(18)	20	23	20	xx							

Lab results not received for 2950-10 for 2005. Sampling terminated at 2950-10 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Eisenhower Park(T)	2950-10	345	48.0 [07/09]	47.7 [06/27]	38.6 [06/26]	32.0	34.3	36.8	34	12.2	9.5	11.5	11.6	11.2	13.0	13.4	12.5
Hempstead (F)	2950-18	107	38.3 [08/07]	30.3 [07/08]	28.5 [08/04]	28.5	33.0	35.1	32	10.4	8.7	14.1	11.0	11.1	10.8	12.4	11.4
Babylon (F)	5150-01	115	32.4 [08/07]	31.1 [09/21]	28.8 [07/08]	28.8	31.9	34.3	32	10.5	9.7	13.6	9.8	10.9	10.3	12.0	11.1

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) - not applicable for standards compliance

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Annual Averages 1990 through 2000

Annual Arithmetic Mean (ppm)

Station	Site No.	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Eisenhower Park	2950-10	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.7	(0.7)

Sampling at 2950-10 was terminated on 5/31/2000.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region 1
Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Babylon	5150-02	.024	.025	.025	.023	.023	.024	.025	.024	.024	.024	.026
Holtsville	5151-10	--	--	--	--	--	--	--	--	--	.030	.032
Riverhead	5155-01	.036	.040	.035	.034	.030	.033	.030	(.029)	.035	.039	.034

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average- Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Babylon	5150-02	8,621	98	0	.106 [08/01, 20]	.105 [07/09, 14]	.104 [08/02, 13]	.098 [08/07, 15]	.098 [07/22]	.090 [08/01]	.084 [07/08]	.090 +
Holtsville (Operated 03/29-10/31)	5151-10	5,036	97	0	.124 [08/04, 18]	.107 [07/09, 13]	.098 [08/02, 18]	.096 [05/25, 16]	---	.093 [08/03]	.085 [07/30]	---
Riverhead (Operated 03/29-10/31)	5155-01	5,053	97	0	.108 [08/02, 13]	.104 [08/04, 19]	.103 [08/31, 15]	.098 [06/26, 13]	.086 [07/21]	.101 [07/17]	.085 [08/04]	.090 +

Due to EPA Waiver for SLAMS (Non-NAMS), % Availability may be based on operational year of less than 12 months (Riverhead)

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. of 4th max 8-hr concentrations > .084 PPM)

NITRIC OXIDE & NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Nitric Oxide - Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Eisenhower Park	2950-10	.034	.030	.032	.028	.029	.024	.023	(.018)	.018	.019	.015

Nitrogen Dioxide - Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.05 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Eisenhower Park	2950-10	.025	.022	.025	.024	.024	.022	.021	(.019)	.020	.018	.018

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		Nitric Oxide One-Hour Averages					Nitrogen Dioxide One-Hour Averages				
		Observations		Highest Values, PPM			Observations		Highest Values, PPM		
Station	Site No.	Total	% Avail	1 st	2 nd	3 rd	Total	% Avail	1 st	2 nd	3 rd
Eisenhower Park	2950-10	7,781	89	.639 [01/03, 09]	.478 [03/03, 08]	.477 [10/31, 08]	7,791	89	.088 [01/03, 09]	.071 [03/10, 08]	.068 [03/03, 08]

(Annual Means in parentheses are based on less than 75% available data)

* Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

Annual Averages 1997 through 2007
Annual Arithmetic Mean (ppm) - Primary Standard

Manhattan and Queens Sites

(12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Mabel Dean	7093-05	.013	.011	.013	.013	(.014)	xxx	xxx	xxx	xxx	xxx	xxx
PS 59	7093-10	.012	.012	.013	.013	.012	.012	(.014)	.010	.011	.010	.010
Queens College	7096-02	.005	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Queensboro Comm. College	7096-08	---	.006	.007	.006	.007	xxx	xxx	xxx	xxx	xxx	xxx
Queens College 2	7096-15	---	---	---	---	---	.006	.007	.005	.006	.005	.005

Sampling at 7093-05 was terminated on 06/14/01 and terminated at 7096-08 on 12/30/01.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations	Highest Values, PPM			Observations	Highest Values, PPM Midnight - Midnight				
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
PS 59	7093-10	8,569	98	2,819	0	.058 [03/09, 12]	.051 [03/03, 09]	.044 [01/03, 09]	365	0	.030 [02/20]	.029 [01/27]	.027 [02/17]
Queens College 2	7096-15	8,305	95	2,728	0	.035 [02/27, 12]	.031 [02/17, 09]	.031 [03/03, 09]	349	0	.021 [02/17]	.020 [02/27]	.018 [01/30]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 2

Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

Bronx, Brooklyn and Staten Island Sites

Station	Site No.	1997	1988	1999	2000	2001	2002	2003	2004	2005	2006	2007
IS 155	7094-03	.008	.009	.010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Morrisania	7094-05	.012	.011	.011	(.017)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Botanical Garden	7094-06	---	---	---	(.009)	.010	.009	.009	.009	.009	.007	xxx
IS 52	7094-07	---	---	(.014)	.011	(.013)	.010	.011	.010	.011	.009	.008
Greenpoint	7095-01	.008	.007	.007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
PS 321	7095-06	.008	.008	.009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Susan Wagner	7097-01	.006	.006	.006	(.008)	xxx	xxx	xxx	xxx	xxx	xxx	xxx

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages					24 Hour Average (Calendar Day)				
				Maximum not to exceed 0.5 PPM more than once per calendar year *					Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations	Highest Values, PPM				Observations	Highest Values, PPM Midnight - Midnight			
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
IS 52	7094-07	8,216	94	2,699	0	.057 [02/22, 09]	.054 [01/04, 06]	.053 [03/03, 09]	346	0	.037 [02/20]	.036 [03/14]	.034 [03/15]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region 2

Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1988	1999	2000	2001	2002	2003	2004	2005	2006	2007
Botanical Garden (Pfizer)	7094-10	---	---	---	---	---	---	---	---	---	---	6.7
Queens College 2	7096-15	---	---	---	---	---	---	---	---	---	---	4.4

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages					24 Hour Average (Calendar Day)				
				Maximum not to exceed 500 PPB more than once per calendar year *					Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations	Highest Values, PPM				Observations	Highest Values, PPM Midnight - Midnight			
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Botanical Garden (Pfizer Lab)	7094-10	8,108	93	2,662	0	48 [03/03, 09]	44 [02/20, 06]	43 [02/20, 09]	342	0	32 [02/20]	26 [01/27]	25 [02/17]
Queens College 2	7096-15	7,190	82	2,359	0	35 [02/22, 09]	31 [02/17, 09]	28 [02/17, 12]	300	0	21 [02/17]	18 [02/06]	18 [02/12]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (PM10) - Wedding Sampler or R&P Model 2025 Sampler

NYSDEC Region **2**

Metropolitan Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	3 Yr Exp Val
Mabel Dean (W)	7093-05	26	24	21	22	(19)	xx						
PS 59 (R&P)	7093-10	--	--	--	--	--	--	--	--	--	23	25	--
Division Street (R&P)	7093-24	--	--	--	--	--	--	--	--	--	--	25	--
Canal Street (R&P)	8100-02	--	--	--	--	--	26	26	24	26	23	(27)	24
IS 52 (W)	7094-07	--	--	(16)	21	(21)	21	22	18	xx	xx	xx	xx
IS 52 (R&P)	7094-07	--	--	--	--	--	--	--	--	--	--	22	--
JHS 126 (W)	7095-43	--	--	--	--	20	21	20	17	xx	xx	xx	xx
PS 219 (R&P)	7096-14	--	--	--	--	--	--	--	--	--	(20)	20	--
Susan Wagner (W)	7097-01	19	17	16	19	16	17	16	13	xx	xx	xx	xx

Lab results not received for Wedding samplers for 2005. Sampling terminated at Wedding Samplers on 12/31/2005.

Sampling at 7093-10 commenced on 01/01/06 and at 7096-14 on 07/01/06. Sampling at 8100-02 terminated on 03/31/07.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		24-Hour Concentrations - ug/m ³							# of Days > 150 ug/m ³ - Not to exceed an expected avg of one per year during the last 3 years *						
		Maximum		2 nd Max.		3 rd Max.		2005		2006		2007			
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
PS 59	7093-10	111	57	03/22	53	06/26	52	06/08	--	--	0	0.0	0	0.0	--
Division Street (R&P)	7093-24	94	56	07/29	53	08/07	51	06/26	--	--	--	--	0	0.0	--
Canal Street (R&P)	8100-02	27	52	03/22	46	02/02	46	03/13	0	0.0	0	0.0	0	0.0	0.0
IS 52 (R&P)	7094-07	57	48	03/13	48	11/14	44	07/29	--	--	--	--	0	0.0	--
PS 219 (R&P)	7096-14	338	53	07/09	48	06/27	47	02/27	--	--	0	0.0	0	0.0	--

(Annual Means in parentheses are based on less than 75% available data)

* Federal Ambient Air Quality Standard

W=Wedding Sampler

R&P=R&P Model 2025 Sampler

Mea=Measured

Est=Estimated

+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region 2

Metropolitan Air Quality Control Region

(Manhattan Sites) **Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007**

(Average of last 3 years' annual means not to exceed 15 µg/m³ *; and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, changed from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
JHS 45 (F)	7093-08	118	37.7 [06/26]	35.6 [02/02]	34.3 [08/07]	34.3	37.6	36.6	36 +	14.0	12.5	14.8	12.9	13.6	12.8	14.3	13.6
PS 59 (F)	7093-10	118	52.8 [03/16]	39.2 [06/26]	36.8 [02/02]	36.8	40.7	40.1	39 +	18.4	14.7	16.0	15.3	16.1	14.5	17.0	15.9 +
IS 143 (T)	7093-15	347	46.8 [07/10]	44.7 [07/09]	44.4 [06/26]	39.7	39.8	35.3	38 +	16.6	13.4	16.9	14.4	15.3	15.5	16.3	15.7 +
PS 64 (T)	7093-16	179	38.9 [06/26]	36.8 [06/27]	35.5 [03/14]	29.4	38.6	36.3	35	14.3	11.9	xx	xx	(13.1)	15.8	15.3	14.7
Manhattanville PO (T)	7093-17	322	45.0 [07/10]	44.3 [07/09]	42.4 [06/26]	35.4	37.8	35.3	36 +	13.4	12.6	13.7	14.1	13.5	14.4	15.0	14.3
Park Row (T) (WTC)	7093-18	337	48.0 [07/09]	42.6 [07/10]	41.7 [08/07]	33.4	36.1	39.0	36 +	12.8	12.2	14.4	12.9	13.1	13.8	14.4	13.8
PS 19 (F)	7093-21	110	46.4 [03/16]	43.9 [02/02]	37.8 [06/26]	37.8	38.2	38.2	38 +	19.1	13.8	14.6	14.8	15.6	13.8	16.4	15.3 +
PS 19 (T)	7093-21	160	45.9 [07/10]	45.4 [07/09]	41.5 [06/26]	41.4	--	--	--	--	--	14.6	14.8	(14.7)	--	--	--
Division St (F)	7093-24	94	39.2 [08/07]	37.1 [06/26]	33.1 [07/29]	37.1	--	--	--	--	14.1	16.4	14.1	(14.9)	--	--	--
Division St (T)	7093-24	332	45.0 [07/09]	41.0 [08/07]	40.4 [07/10]	34.4	--	--	--	(14.2)	12.3	14.1	13.0	(13.4)	--	--	--
CCNY (T)	7093-25	165	46.7 [07/10]	42.5 [06/26]	41.8 [07/09]	41.5	--	--	--	--	--	15.8	12.5	(14.2)	--	--	--
Canal Street (F)	8100-02	27	34.7 [02/02]	26.4 [03/13]	25.0 [02/20]	34.7	35.9	39.5	37 +	15.6	xx	xx	xx	(15.6)	12.8	15.7	14.7
Canal Street (T)	8100-02	81	35.3 [03/14]	25.6 [02/02]	24.7 [03/13]	25.6	36.7	36.9	33	13.4	xx	xx	xx	(13.4)	14.0	14.9	14.1

Sampling at 8100-02 was terminated on 3/28/07 and at 7093-16 on 07/02/07; sampling commenced at 7093-24 on 03/25/07;
TEOM sampling at 7093-21 commenced on 06/22/07, at 7093-24 on 02/09/07 and at 7093-25 on 06/24/07.

(Annual Means in parentheses are based on less than 75% available data)

WTC = Samplers Installed after World Trade Center attack

* Federal Ambient Air Quality Standard

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**
Metropolitan Air Quality Control Region
(Bronx Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 µg/m³ *;
and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, *changed* from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Morrisania (F)	7094-05	119	40.8 [06/26]	38.1 [02/02]	36.2 [08/25]	36.2	39.7	37.7	38 +	17.4	13.5	16.2	15.4	15.6	14.6	16.9	15.7 +
Botanical Garden (F)	7094-06	119	36.8 [06/26]	32.8 [02/02]	32.5 [08/07]	32.5	34.8	36.6	35	14.1	11.7	13.9	12.9	13.2	12.6	13.9	13.2
IS 52 (F)	7094-07	341	40.8 [03/14]	39.0 [07/10]	38.8 [07/09]	33.9	36.6	36.8	36 +	12.9	11.9	13.7	12.1	12.7	12.5	13.7	13.0
IS 52 (T)	7094-07	358	42.4 [03/14]	40.8 [07/10]	40.7 [06/26]	35.6	38.0	36.6	37 +	13.8	11.5	13.3	12.1	12.7	13.6	14.6	13.6
IS 74 (T)	7094-08	149	44.7 [03/14]	31.0 [05/16]	28.4 [03/15]	28.4	38.0	36.6	34	14.0	9.8	xx	xx	(11.9)	14.4	14.5	13.6
PS 154 (T)	7094-09	358	42.3 [07/09]	42.2 [06/26]	42.0 [07/10]	34.7	34.0	36.9	35	12.9	11.3	13.5	12.8	12.6	13.7	14.8	13.7

Sampling was suspended at 7094-07 from 06/20/01 to 10/04/01 for construction; sampling was terminated at 7094-08 on 05/29/07.

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**

Metropolitan Air Quality Control Region
(Brooklyn and Queens Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
PS 314 (T)	7095-07	361	45.4 [07/09]	43.3 [08/07]	35.8 [07/10]	30.2	34.4	35.0	33	12.2	10.8	13.4	11.1	11.9	13.3	14.3	13.2
JHS 126 (F)	7095-43	117	38.3 [08/07]	37.1 [06/26]	33.6 [11/14]	33.6	37.7	36.3	36 +	13.7	12.8	15.9	13.0	13.9	12.7	15.3	14.0
IS 293 (T)	7095-44	357	45.3 [07/09]	41.5 [08/07]	38.5 [07/10]	33.0	36.6	37.0	36 +	12.5	11.2	13.1	11.9	12.2	13.7	14.4	13.4
PS 274 (T)	7095-98	339	44.1 [07/09]	44.1 [05/31]	38.8 [08/07]	31.8	(25.1)	32.8	30	12.3	10.5	11.4	11.3	11.4	(11.4)	13.7	12.2
Maspeth Library (T)	7096-13	349	44.4 [07/09]	42.2 [08/07]	37.7 [06/26]	31.5	35.8	37.2	35	13.0	10.7	12.6	11.3	11.9	13.6	15.3	13.6
PS 219 / Queens College 2 (F)	7096-14 / 7096-15	332	42.2 [07/09]	37.4 [02/27]	36.7 [08/07]	31.8	33.6	34.3	33	11.3	10.7	12.3	11.3	11.4	11.6	12.4	11.8
PS 219 (T)	7096-14	363	43.2 [07/09]	42.1 [08/07]	34.7 [06/27]	29.7	33.8	35.6	33	12.1	9.4	11.7	11.1	11.1	12.5	13.3	12.3

FRM Sampler moved from PS219 to Queens College 2 on 07/01/06.

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**

Metropolitan Air Quality Control Region
(Staten Island Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Susan Wagner (F)	7097-01	109	38.2 [08/07]	33.7 [06/26]	28.8 [07/08]	28.8	32.0	33.2	31	10.6	10.5	14.3	10.5	11.5	10.4	12.5	11.5
Port Richmond (F)	7097-03	119	38.0 [08/07]	34.6 [06/26]	32.8 [02/02]	32.8	36.2	33.4	34	13.0	12.4	14.6	11.9	13.0	12.1	14.5	13.2
Freshkills West (T)	7097-17	327	42.6 [07/09]	41.2 [07/10]	39.8 [08/07]	30.3	34.3	37.7	34	11.4	10.8	14.4	11.2	12.0	13.1	13.5	12.9
PS 44 (T)	7097-18	343	41.8 [07/09]	40.3 [07/10]	38.8 [08/07]	30.0	34.6	33.3	33	10.2	10.5	12.8	10.9	11.1	13.1	13.6	12.6

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

TOTAL SUSPENDED PARTICULATES - High Volume Air Samplers

NYSDEC Region **2**

Metropolitan Air Quality Control Region

Annual Geometric Means (G.M., ug/m³) 1995 through 2005

Station	Site No.	AAQS G.M. *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Mabel Dean	7093-05	75	xx										
Midtown	7093-12	75	92+	118+	117+	129+	xx						
Greenpoint	7095-01	75	59	57	(58)	50	56	xx	xx	xx	xx	xx	xx
Susan Wagner	7097-01	75	37	33	35	32	29	33	29	29	28	26	xx
PS 26	7097-02	75	47	44	(43)	xx							

Lab results not received for 7097-01 for 2005. Sampling terminated at 7097-01 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York Ambient Air Quality Standard (AAQS)

+ Denotes a contravention of New York State AAQS

** Federal Ambient Air Quality Standards - Primary (260 ug/m³) and Secondary (150 ug/m³)

++ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **2**
Metropolitan Air Quality Control Region
Traffic Sites

Annual Averages 1997 through 2007
Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
350 Canal Street	8100-02	1.7	1.6	1.5	1.4	1.3	xx	xx	xx	xx	xx	xx
Brooklyn Transit	8100-03	1.7	1.6	1.5	1.4	1.1	1.1	1.1	1.0	0.9	0.8	(0.6)
225 E. 34 th Street	8100-06	1.3	1.3	1.3	1.2	1.0	1.0	1.0	0.9	xx	xx	xx
Bloomington	8100-07	(2.4)	(2.2)	1.7	1.5	(1.3)	xx	xx	xx	xx	xx	xx

Sampling at 8100-07 was terminated on 10/12/2001, at 8100-02 on 12/31/2001, at 8100-06 on 11/01/2004; and at 8100-03 on 01/02/2007.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Average						Running 8-Hour Average (Non-Overlapping)					
		Maximum not to exceed 35 PPM more than once per calendar year *						Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			Highest Values, PPM			Observations			Highest Values, PPM		
Station	Site No.	Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days > 9PPM
Brooklyn Transit	8100-03	33	99	0	1.4 [01/01, 15]	1.2 [01/01, 16]	1.0 [01/01, 10]	30	0	1.0 [01/01, 17]	xx	xx	0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
PS 59	7093-10	1.0	1.0	1.0	0.9	0.8	0.7	(0.8)	0.7	0.6	0.6	0.6
Botanical Gardens	7094-06/7094-10	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.6	0.5	0.6
PS 321	7095-06	0.8	0.8	0.8	xx	xx	xx	xx	xx	xx	xx	xx
Queensboro Comm Coll	7096-08	---	0.7	0.7	0.6	0.5	xx	xx	xx	xx	xx	xx
Queens College 2	7096-15	---	---	---	---	---	0.6	0.6	0.5	0.5	0.4	0.4

Sampling at 7095-06 was terminated on 12/31/1999 and at 7096-08 on 12/30/2001.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Average						Running 8-Hour Average (Non-Overlapping)					
		Maximum not to exceed 35 PPM more than once per calendar year *						Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			Highest Values, PPM			Observations			Highest Values, PPM		
Station	Site No.	Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days > 9PPM
PS 59	7093-10	8,573	98	0	2.5 [03/03, 09]	2.3 [03/03, 08]	2.3 [11/14, 07]	8,466	0	1.5 [11/22, 02]	1.4 [01/15, 24]	1.4 [11/14, 08]	0
Botanical Gardens (Pfizer Lab)	7094-10	8,683	99	0	3.1 [11/14, 09]	2.7 [11/14, 08]	2.5 [04/21, 23]	8,729	0	2.0 [11/14, 09]	1.9 [01/15, 24]	1.9 [04/22, 03]	0
Queens College 2	7096-15	8,361	95	0	3.4 [11/13, 23]	3.1 [11/14, 07]	3.0 [11/13, 22]	8,310	0	2.8 [11/14, 05]	2.0 [02/22, 09]	1.5 [03/10, 13]	0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **2**
 Metropolitan Air Quality Control Region
 Bronx and Brooklyn Sites

Annual Averages 1997 through 2007
 Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
IS 155	7094-03	.020	xxx	.021	xx	xx	xx	xx	xx	xx	xx	xx
Morrisania	7094-05	.021	.023	.019	xxx	xx	xx	xx	xx	xx	xx	xx
Botanical Gardens / Pfizer Lab	7094-06 / 7094-10	.017	.015	.018	.016	.017	.017	.017	.017	.018	.020	.020
IS 52	7094-07	---	---	.007	.015	(.014)	.017	.016	.016	.016	.017	.019

Sampling at 7094-03 was terminated on 7/19/99, at 7094-05 on 05/01/2000; and commenced at 7094-07 on 10/27/99

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Total Obs.	% Avail	>.12 PPM	Highest Values, PPM							
					1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Botanical Gardens / Pfizer Lab	7094-06 / 7094-10	8,522	97	0	.106 [07/09, 15]	.106 [08/02, 16]	.100 [07/17, 14]	.096 [05/25, 14]	.074 [07/27]	.076 [07/31]	.076 [05/25]	.075
IS 52	7094-07	8,435	96	0	.107 [07/09, 15]	.103 [08/02, 15]	.098 [06/26, 14]	.094 [07/17, 16]	.077 [07/22]	.072 [06/19]	.076 [07/17]	.075

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **2**

Metropolitan Air Quality Control Region
Manhattan and Staten Island Sites

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Mabel Dean H.S.	7093-05	.019	.020	.013	.011	(.014)	xxx	xxx	xxx	xxx	xxx	xxx
CCNY	7093-25	---	---	---	---	---	---	---	---	---	---	.019
Susan Wagner	7097-01	.035	.033	.033	.030	.032	.034	.029	.029	.030	.032	.026

Sampling at 7093-05 on 06/14/2001. Sampling at 7093-25 commenced on 06/13/2007.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations		Highest Values, PPM								
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
CCNY	7093-25	4,693	97	0	.112 [07/09, 15]	.110 [06/26, 15]	.109 [08/02, 17]	.107 [08/03, 15]	---	---	.084 [07/17]	---
Susan Wagner (Operated 03/31 - 12/31)	7097-01	6,545	99	0	.110 [08/02, 16]	.105 [07/09, 16]	.103 [08/03, 14]	.101 [08/01, 17]	.094 [06/25]	.092 [06/17]	.083 [06/27]	.089 +

Due to EPA Waiver for SLAMS (Non-NAMS), % Availability may be based on operational year of less than 12 months (Susan Wagner)

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **2**
 Metropolitan Air Quality Control Region
 Queens Sites

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Queens College	7096-02	.024	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx	xx
Queensboro Comm Coll	7096-08	---	.021	.020	.019	.021	xxx	xxx	xxx	xxx	xx	xx
College Point P.O.	7096-09	---	.015	.016	.015	.017	.018	.017	.016	.017	xx	xx
Queens College 2	7096-15	---	---	---	---	(.017)	.019	.019	.018	.020	.021	.021

Sampling was commenced at 7096-15 on 07/14/2001 and was terminated at 7096-08 on 12/30/2001 and at 7096-09 on 01/05/06.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
Station	Site No.	Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Queens College 2	7096-15	8,347	95	0	.114 [07/09, 14]	.094 [06/28, 13]	.092 [07/17, 16]	.089 [06/01, 14]	.086 [07/22]	.078 [06/17]	.075 [07/17]	.079

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

NITRIC OXIDE & NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **2**
Metropolitan Air Quality Control Region
Manhattan and Brooklyn Sites

Annual Averages 1997 through 2007 Nitric Oxide - Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Mabel Dean	7093-05	.038	.031	.033	.033	(.036)	xxx	xxx	xxx	xxx	xxx	xxx
PS 59	7093-10	.047	.045	.046	.045	.042	.035	(.036)	(.030)	.030	.026	.023

Nitrogen Dioxide - Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.05 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Mabel Dean	7093-05	.035	.036	.037	.036	(.038)	xxx	xxx	xxx	xxx	xxx	xxx
PS 59	7093-10	.040	.040	.041	.038	.038	.038	(.038)	(.035)	.036	.034	.034

Sampling at 7093-05 was terminated on 06/14/01; sampling at 7093-10 was suspended from 08/06/03 to 05/11/04 for roof construction.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		Nitric Oxide One-Hour Averages					Nitrogen Dioxide One-Hour Averages				
		Observations		Highest Values, PPM			Observations		Highest Values, PPM		
Station	Site No.	Total	% Avail	1 st	2 nd	3 rd	Total	% Avail	1 st	2 nd	3 rd
PS 59	7093-10	8,551	98	.362 [02/22, 09]	.359 [11/14, 07]	.310 [03/03, 09]	8,551	98	.091 [02/22, 09]	.089 [05/31, 09]	.087 [07/10, 10]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

NITRIC OXIDE & NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **2**

Metropolitan Air Quality Control Region

Bronx Sites

Annual Averages 1997 through 2007 Nitric Oxide - Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Morrisania	7094-05	.027	.027	.031	(.039)	xxx	xxx	xxx	xxx	xxx	xx	xxx
Botanical Gardens	7094-06/7094-10	.023	.022	.024	.023	.026	.020	.021	.017	.015	.015	.016
IS 52	7094-07	---	---	(.030)	.025	(.027)	.022	.023	.022	.021	.017	.017

Nitrogen Dioxide - Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.05 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Morrisania	7094-05	.035	.036	.033	(.033)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Botanical Gardens	7094-06/7094-10	.030	.030	.029	.029	.031	.028	.027	.024	.027	.025	.024
IS 52	7094-07	---	---	(.032)	.032	(.032)	.030	.030	.030	.029	.026	.026

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		Nitric Oxide One-Hour Averages					Nitrogen Dioxide One-Hour Averages				
		Observations		Highest Values, PPM			Observations		Highest Values, PPM		
Station	Site No.	Total	% Avail	1 st	2 nd	3 rd	Total	% Avail	1 st	2 nd	3 rd
Botanical Gardens	7094-10	7,554	86	.475 [08/04, 19]	.401 [11/14, 09]	.371 [11/14, 08]	7,574	86	.084 [03/14, 09]	.081 [03/15, 08]	.080 [03/14, 08]
IS 52	7094-07	8,445	96	.481 [02/22, 07]	.430 [11/14, 08]	.384 [02/22, 08]	8,445	96	.100 [03/15, 08]	.090 [02/22, 07]	.090 [03/14, 08]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

NITRIC OXIDE & NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **2**
Metropolitan Air Quality Control Region
Queens Sites

Annual Averages 1997 through 2007 Nitric Oxide - Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Queensboro Comm. Coll.	7096-08	---	.019	.019	.018	.019	xxx	xxx	xxx	xxx	xxx	xxx
College Point P.O.	7096-09	---	.030	.034	.030	.031	.026	.030	.025	.023	xxx	xxx
Queens College 2	7096-15	---	---	---	---	(.026)	.017	.020	.015	.015	.014	.014

Nitrogen Dioxide - Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.05 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Queensboro Comm. Coll.	7096-08	---	.027	.026	.026	.026	xxx	xxx	xxx	xxx	xxx	xxx
College Point P.O.	7096-09	---	.028	.029	.030	.030	.028	.030	.028	.027	xxx	xxx
Queens College 2	7096-15	---	---	---	---	(.028)	.028	.027	.025	.025	.023	.023

Sampling was terminated at 7096-09 on 01/05/06.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		Nitric Oxide One-Hour Averages					Nitrogen Dioxide One-Hour Averages				
		Observations		Highest Values, PPM			Observations		Highest Values, PPM		
Station	Site No.	Total	% Avail	1 st	2 nd	3 rd	Total	% Avail	1 st	2 nd	3 rd
Queens College 2	7096-15	8,088	92	.814 [01/03, 10]	.519 [02/22, 07]	.478 [11/14, 06]	8,089	92	.101 [07/09, 21]	.095 [07/09, 22]	.089 [02/22, 07]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

LEAD - High Volume Air Samplers (Glass Fiber Filters)

NYSDEC Region **2**

Metropolitan Air Quality Control Region

Annual Geometric Means (ug/m³) 1997 through 2007

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005*	2006	2007
Midtown	7093-12	0.05	0.08	xx	xx	xx						
Greenpoint	7095-01	(0.08)	0.07	0.06	xx	xx	xx	xx	xx	xx	xx	xx
JHS 126	7095-43	--	--	--	--	--	--	0.03	0.03	(0.03)	0.02	0.02
Susan Wagner	7097-01	0.02	0.02	0.03	0.02	0.02	0.01	0.01	xx	xx	xx	xx
PS 26	7097-02	0.03	xx	xx	xx							

Lab results not received for 7097-01 for 2004 and 2005. Sampling terminated at 7097-01 on 12/31/2005.

* Only 1st quarter data received from lab in 2005.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		24-Hour Concentrations - ug/m ³								QUARTERLY AVERAGES Maximum not to exceed 1.5 ug/m ³ *		
				Maximum	2 nd Max.		3 rd Max.		Highest Values, ug/m ³ [Quarter]			
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	1 st	2 nd	3 rd
JHS 126	7095-43	58	95	0.04	05/24	0.04	05/30	0.03	01/12	0.02 [1 st]	0.02 [2 nd]	0.01 [3 rd]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region 3

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Mt. Ninham	3951-01	2.6	2.5	2.3	2.3	2.6	2.2	2.4	2.2	2.2	1.7	1.5
Belleayre Mtn.	5565-03	1.9	1.7	1.7	1.6	1.9	1.6	1.7	1.3	1.4	1.3	1.2

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Mt. Ninham	3951-01	8,157	93	2,681	0	19 [02/07, 12]	17 [02/17, 18]	16 [02/01, 09]	342	0	9 [01/27]	9 [02/01]	8 [02/12]
Belleayre Mtn.	5565-03	8,652	99	2,844	0	17 [02/02, 24]	15 [02/17, 21]	12 [01/03, 24]	365	0	9 [02/02]	9 [02/20]	8 [01/04]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler

NYSDEC Region **3**

Hudson Valley Air Quality Control Region

Annual Averages 1995 through 2005

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	3 Yr Exp Val
Saugerties	5524-03	21	21	22	23	xx							
New Paltz	5522-01	xx											
Belleayre Mtn.	5565-03	13	13	13	16	12	10	10	11	13	11	xx	xx
Mt. Ninham	3951-01	14	14	14	14	xx							

Lab results not received for 5565-03 for 2005. Sampling terminated at 5565-03 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **3**

Hudson Valley Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 µg/m³ *;

and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, *changed* from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Newburgh (F)	3502-04	117	41.4 [08/25]	35.9 [06/26]	30.4 [06/02]	30.4	27.5	29.6	29	9.9	10.1	12.9	9.6	10.6	9.6	12.1	10.8
Newburgh (T)	3502-04	344	45.8 [08/25]	41.0 [06/26]	40.9 [06/27]	29.3	30.6	29.2	30	10.2	9.1	11.1	9.8	10.1	11.2	12.3	11.2
Mamaroneck (F)	5956-01	116	35.5 [06/26]	31.0 [08/07]	30.6 [02/02]	30.6	34.4	32.8	33	11.4	10.4	13.5	11.3	11.7	11.1	12.4	11.7
White Plains (T)	5902-04	362	48.3 [08/03]	42.7 [07/10]	36.6 [06/26]	27.6	32.2	27.6	29	9.0	7.9	11.5	9.3	9.4	12.1	11.0	10.8

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region 3

Metropolitan and Hudson Valley Air Quality Control Regions

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
White Plains (Metro.)	5902-04	.024	.023	.024	.021	.024	.024	.024	.019	.025	.025	.027
Valley Central (Hud.Valley)	3527-01	.031	.032	.030	.026	.030	.029	.029	.028	.031	.029	.030

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average -Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
White Plains (Metro.)	5902-04	8,446	96	3	.138 + [07/10, 14]	.127 + [08/02, 16]	.126 + [07/09, 16]	.121 [07/17, 17]	.095 [08/13]	.083 [07/31]	.095 [08/02]	.091 +
Valley Central (Hud.Valley) (Oper. 03/29-10/31)	3527-01	5,147	99	2	.145 + [06/08, 17]	.131 + [07/10, 17]	.116 [06/19, 16]	.093 [07/25, 15]	.087 [08/12]	.077 [06/22]	.084 [07/09]	.082

Due to EPA Waiver for SLAMS (Non-NAMS), % Availability may be based of operational year of less than 12 months (Valley Central)

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **3**

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Millbrook	1328-01	.028	.030	.030	.026	.030	.029	.028	.025	.025	.024	.027
Mt. Ninham	3951-01	.033	.035	.035	.027	.033	0.35	.031	.028	.029	.028	.029
Belleayre Mtn.	5565-03	.035	.035	.037	.032	.035	.036	.036	.034	.035	.034	.034

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Millbrook	1328-01	8,598	98	0	.114 [06/08, 16]	.107 [07/10, 17]	.097 [08/03, 14]	.090 [06/19, 14]	.082 [06/25]	.064 [06/18]	.078 [05/15]	.074
Mt. Ninham	3951-01	8,530	97	1	.126 + [07/09, 14]	.111 [07/10, 16]	.108 [05/31, 17]	.108 [06/08, 16]	.096 [06/25]	.074 [07/10]	.086 [06/08]	.085 +
Belleayre Mtn.	5565-03	8,590	98	0	.088 [09/07, 24]	.084 [09/08, 01]	.083 [09/25, 20]	.082 [06/08, 20]	.080 [09/22]	.077 [08/14]	.073 [09/25]	.076

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

LEAD - High Volume Air Samplers (Glass Fiber Filters)

NYSDEC Region 3
Metropolitan and Hudson Valley Air Quality Control Regions

Annual Geometric Means (ug/m³) 1997 through 2007

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005*	2006	2007
Mamaroneck (Metro.)	5956-01	xxx	xxx	xxx								
Wallkill (H.Valley)	3566-02	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.04	(0.05)	0.03	0.02
Wallkill (H.Valley)	3566-09	0.07	0.06	0.08	0.09	0.08	0.06	0.07	0.07	(0.05)	0.05	0.02
Wallkill (H.Valley)	3566-10	xxx	xxx	xxx								
Scotchtown (H.Valley)	3566-11	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	(0.04)	0.01	0.01

* Only 1st quarter data for 2005 was received from the laboratory.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		24-Hour Concentrations - ug/m ³								QUARTERLY AVERAGES Maximum not to exceed 1.5 ug/m ³ *		
		Maximum		2 nd Max.		3 rd Max.		Highest Values, ug/m ³ [Quarter]				
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	1 st	2 nd	3 rd
Wallkill	3566-02	55	90	0.11	07/17	0.10	09/21	0.06	08/22	0.03 [3 rd]	0.02 [2 nd]	0.02 [1 st]
Wallkill	3566-09	58	95	0.22	04/24	0.22	04/30	0.19	09/09	0.06 [2 nd]	0.03 [1 st]	0.03 [3 rd]
Scotchtown	3566-11	52	85	0.04	10/21	0.01	03/13	0.01	06/17	0.01 [1 st]	0.01 [4 th]	0.00 [2 nd]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **4**

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Loudonville	0101-33	.003	.004	.004	.004	.005	.004	.004	.004	.005	.005	.003
Schenectady	4601-05	.003	.003	.003	.003	.004	.004	.003	.004	.005	.005	.002

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations		Highest Values, PPM			Observations		Highest Values, PPM Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Loudonville	0101-33	8,541	98	2,808	0	.020 [02/20, 06]	.019 [02/20, 09]	.018 [02/01, 12]	360	0	.017 [02/20]	.012 [02/01]	.012 [02/02]
Schenectady	4601-05	8,598	98	2,832	0	.023 [03/14, 15]	.022 [03/14, 12]	.016 [01/04, 18]	363	0	.012 [03/13]	.011 [01/12]	.011 [03/14]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region **4**

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Dyken Pond	4153-03	1.7	1.6	1.5	1.5	(1.7)	xxx	xxx	xxx	xx	xx	xx
Grafton State Park	4153-04	—	—	—	—	(2.3)	2.2	2.0	1.6	1.9	1.3	1.6

Sampling at 4153-03 was terminated on 08/14/2001 and commenced at 4153-04 on 12/06/01.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Grafton State Park	4153-04	8,412	96	2,766	0	14 [10/31, 12]	13 [02/17, 24]	13 [12/19, 06]	354	0	9 [02/20]	9 [03/13]	9 [10/31]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler

NYSDEC Region **4**

Hudson Valley Air Quality Control Region

Annual Averages 1993 through 2003

Annual Arithmetic Mean ($\mu\text{g}/\text{m}^3$)

Station	Site No.	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	3 Yr Exp Val
Albany	0101-10	23	23	(17)	xx								
Albany	0101-13	23	25	21	21	23	21	xx	xx	xx	xx	xx	xx
Loudonville	0101-33	18	19	16	17	19	19	xx	xx	xx	xx	xx	xx
Cohoes	0102-03	18	21	(16)	xx								
Hudson	1001-02	--	--	--	--	--	--	--	13	14	(19)	(14)	16

Sampling commenced at 1001-02 on 03/01/2000, was suspended on 10/03/2001, resumed on 07/01/2002, and was terminated on 09/30/2003.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **4**

Hudson Valley Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Albany Co. HD (F)	0101-13	319	48.4 [04/13]	40.2 [08/25]	34.7 [08/03]	31.3	30.9	35.9	33	10.1	8.8	12.0	9.5	10.1	9.4	12.4	10.6
Albany Co. HD (T)	0101-13	351	44.6 [08/25]	40.9 [05/25]	35.5 [08/03]	29.7	26.8	30.7	29	10.8	8.5	10.8	9.7	9.9	10.6	12.4	11.0

Sampling at 0101-13 was suspended on 10/19/01; sampling recommenced on 10/22/02.
Sampling was terminated at 0101-33 and 4601-05 on 03/31/2003.

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region 4

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Loudonville	0101-33	0.8	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4
Schenectady	4601-05	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						Running 8-Hour Average (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			Highest Values, PPM			Observations		Highest Values, PPM			
Station	Site No.	Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days > 9 PPM
Loudonville	0101-33	8,025	92	0	1.5 [02/22, 08]	1.4 [02/22, 21]	1.4 [03/12, 08]	8,056	0	1.0 [02/22, 09]	0.9 [02/20, 23]	0.9 [03/12, 09]	0
Schenectady	4601-05	8,448	96	0	2.8 [01/04, 09]	2.4 [02/20, 20]	2.3 [01/04, 08]	8,475	0	1.8 [03/13, 02]	1.7 [01/04, 04]	1.6 [02/20, 21]	0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region 4

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Loudonville	0101-33	.026	.026	.026	.022	.026	.027	.025	.025	.027	.026	.028
Schenectady	4601-05	.022	.022	.023	.021	.024	.024	.023	.021	.023	.020	.022
Grafton Lake State Park	4153-04	--	--	--	--	--	.037	.037	.035	.037	.033	.034

Sampling at 4153-04 commenced on 12/07/01

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations		Highest Values, PPM								
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Loudonville	0101-33	8,612	98	0	.114 [06/19, 17]	.112 [06/08, 19]	.092 [07/10, 20]	.090 [08/30, 16]	.080 [06/26]	.069 [03/31]	.076 [05/24]	.075
Schenectady	4601-05	8,575	98	0	.100 [06/08, 20]	.097 [06/19, 17]	.082 [08/30, 13]	.077 [08/29, 15]	.077 [09/13]	.061 [08/18]	.068 [08/29]	.068
Grafton Lake	4153-04	8,394	96	0	.100 [06/19, 18]	.089 [05/25, 14]	.087 [06/08, 20]	.087 [09/07, 19]	.081 [06/27]	.072 [05/25]	.078 [05/09]	.077

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region 5

Northern Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Piseco Lake	2050-01	0.9	0.8	1.0	1.1	1.2	1.1	1.1	0.8	0.7	0.6	0.7
Whiteface Mtn. - Lodge	1567-04	0.9	1.0	1.1	1.0	1.4	1.3	1.0	0.8	1.1	1.0	0.9
Paul Smiths College	1655-01	-	-	-	-	-	-	-	0.9	1.2	0.9	1.0

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Piseco Lake	2050-01	8,557	98	2,816	0	10 [01/03, 15]	10 [01/04, 15]	10 [03/13, 18]	364	0	6 [03/13]	4 [01/03]	4 [01/04]
Whiteface Mtn. -Lodge	1567-04	8,622	98	2,834	0	10 [09/07, 09]	9 [06/26, 06]	9 [10/22, 06]	364	0	6 [09/07]	5 [01/04]	5 [02/02]
Paul Smiths College	1655-01	8,463	97	2,786	0	10 [01/04, 12]	9 [02/01, 18]	8 [01/04, 09]	356	0	7 [01/04]	5 [02/17]	5 [03/03]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler

NYSDEC Region **5**

Hudson Valley and Northern Air Quality Control Regions

Annual Averages 1995 through 2005

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	3 Yr Exp Val
Saratoga (H. Val)	4501-04	18	20	19	19	xx							
Glens Falls (North.)	5601-04	18	(18)	xx									
Whiteface Mtn. Base (Northern)	1567-04	11	9	11	12	10	7	8	8	(10)	10	xx	xx

Sampling at 5601-04 was terminated on 08/28/96 and at 4501-04 on 12/31/98.

Lab results not received for 1567-04 for 2005. Sampling terminated at 1567-04 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **5**

Northern Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Whiteface Base (F)	1567-04	57	26.4 [07/11]	20.7 [05/24]	15.8 [09/21]	20.7	18.8	26.6	22	3.6	6.0	7.7	5.0	5.6	5.4	6.7	5.9
Whiteface Base (T)	1567-04	308	34.9 [05/25]	28.2 [09/07]	26.7 [07/11]	21.8	18.9	28.9	23	5.1	4.8	7.6	4.1	5.4	6.1	8.1	6.5

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **5**

Hudson Valley Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Stillwater	4567-01	.030	.031	.032	.029	.032	.032	.035	.032	.033	.029	.032

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Stillwater	4567-01	8,353	95	0	.113 [06/08, 21]	.096 [06/19, 17]	.095 [09/07, 15]	.091 [08/30, 15]	.084 [06/24]	.073 [07/10]	.082 [05/24]	.079

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **5**

Northern Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Whiteface Mtn. Summit	1567-03	.040	.039	.044	.041	.041	(.041)	.046	(.046)	(.041)	.040	.043
Whiteface Mtn. Base	1567-04	.036	.039	.039	.032	.036	.039	.038	.036	.036	.035	.035
Piseco Lake	2050-01	.030	.031	.032	.029	.031	.031	.031	.031	.029	.030	.030

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
Station	Site No.	Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Whiteface Mtn. Summit	1567-03	8,284	95	0	.115 [05/25, 02]	.107 [06/26, 03]	.102 [05/24, 21]	.095 [06/27, 01]	.079 [10/04]	.071 [07/18]	.084 [06/25]	.078
Whiteface Mtn. Base	1567-04	8,634	99	0	.103 [05/25, 02]	.092 [06/26, 03]	.091 [05/24, 22]	.086 [06/27, 01]	.073 [07/22]	.071 [07/18]	.078 [04/23]	.074
Piseco Lake	2050-01	8,567	98	0	.090 [05/24, 19]	.083 [05/25, 16]	.081 [06/19, 14]	.080 [08/03, 12]	.074 [09/13]	.069 [05/25]	.074 [06/01]	.072

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region **6**

Central Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Nick's Lake	2167-03	0.9	0.7	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Nick's Lake	2167-03	8,622	98	2,838	0	12 [02/01, 15]	10 [02/01, 12]	9 [02/01, 18]	361	0	6 [02/01]	6 [03/13]	5 [02/17]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler

NYSDEC Region **6**

Northern Air Quality Control Region

Annual Averages 1995 through 2005

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	3 Yr Exp Val
Utica	3202-01	19	20	19	21	xx							
Nick's Lake	2167-03	11	13	11	12	12	9	10	12	(11)	13	xx	xx

Sampling at 3202-01 was terminated on 12/31/98.

Lab results not received for 2167-03 for 2005. Sampling terminated at 2167-03 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **6**

Central Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007
 (Average of last 3 years' annual means not to exceed 15 µg/m³ *;
 and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, *changed* from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Utica (T)	3202-01	353	39.3 [06/01]	35.0 [05/25]	34.2 [06/02]	29.6	25.8	26.5	27	11.0	9.2	10.0	10.2	10.1	10.3	11.4	10.6
Potsdam (F)	4477-01	53	26.1 [05/24]	18.9 [07/05]	17.5 [09/21]	18.9	19.0	26.8	22	5.4	6.1	6.7	5.6	6.0	5.9	8.3	6.7

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
 + Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **6**

Central Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Perch River	2223-01	.034	.035	.036	.029	.041	.040	.036	.032	.034	.030	.032
Camden	3255-01	.024	.024	.026	.023	.026	.029	.027	.025	.024	.024	.026
Nick's Lake	2167-03	.028	.028	.029	.027	.029	.029	.029	.028	.029	.027	.029

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Total Obs.	% Avail	>.12 PPM	Highest Values, PPM							
					1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Perch River (Operated 03/01 - 10/31)	2223-01	5,719	97	0	.094 [05/24, 17]	.092 [08/29, 15]	.091 [06/26, 20]	.090 [09/06, 17]	.083 [08/04]	.073 [07/17]	.083 [09/06]	.079
Camden (Operated 03/08 - 10/31)	3255-01	5,477	96	0	.084 [05/24, 15]	.081 [05/31, 17]	.081 [08/03, 13]	.080 [05/25, 14]	.069 [08/04]	.063 [05/25]	.072 [06/01]	.068
Nick's Lake	2167-03	8,420	96	0	.096 [05/24, 18]	.085 [05/25, 14]	.081 [06/19, 14]	.079 [06/01, 17]	.068 [04/20]	.067 [05/04]	.075 [06/01]	.070

Due to EPA Waiver, % Availability may be based on operational year of less than 12 months (Perch River, Camden)

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Camp Georgetown	2655-01	—	—	—	—	.002	.002	.002	.002	.002	.002	.002
East Syracuse	3353-09	.002	.002	.002	.003	.003	.003	.003	.003	.002	.002	.002

Sampling at 2655-01 commenced on 05/11/01, after termination of Low-level sampling.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations		Highest Values, PPM			Observations		Highest Values, PPM Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Camp Georgetown	2655-01	8,583	98	2,825	0	.023 [12/19, 03]	.019 [01/04, 06]	.019 [01/04, 09]	365	0	.014 [01/04]	.012 [12/19]	.011 [02/01]
East Syracuse	3353-09	8,611	98	2,830	0	.017 [01/04, 12]	.014 [02/01, 12]	.013 [02/22, 12]	364	0	.010 [01/04]	.008 [01/03]	.008 [01/18]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1991 through 2001

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Camp Georgetown	2655-01	---	2.1	2.6	2.6	1.6	2.1	1.9	1.8	1.9	1..8	(3.0)

Low-level sampling was terminated on 05/10/01.

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **7**

Central Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 $\mu\text{g}/\text{m}^3$ *;

and average of 98th percentile for last 3 years not to exceed 35 $\mu\text{g}/\text{m}^3$ *, *changed* from 65 $\mu\text{g}/\text{m}^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
East Syracuse (F)	3353-09	83	33.3 [06/02]	31.5 [06/26]	26.7 [07/11]	31.5	19.2	34.8	28	8.9	10.3	11.4	8.6	9.8	8.0	11.5	9.8

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Syracuse	3301-22	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						Running 8-Hour Average (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations		Highest Values, PPM				Observations		Highest Values, PPM			
		Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days> 9PPM
Syracuse	3301-22	8,540	98	0	2.3 [06/30, 18]	1.9 [05/08, 20]	1.9 [12/11, 09]	8,582	0	1.3 [06/15, 11]	1.2 [06/16, 02]	1.2 [10/17, 23]	0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Fulton/Granby	3754-01	---	---	---	---	---	---	.035	.031	.034	.031	.031
East Syracuse	3353-09	.025	.025	.027	.024	.027	.028	.025	.023	.028	.026	.028
Camp Georgetown	2655-01	.031	.031	.034	.030	.033	.034	.033	.030	.033	.031	.033

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
Station	Site No.	Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Fulton/Granby (oper. 03/30 - 10/31)	3754-01	5,038	97	0	.091 [05/25, 19]	.090 [08/03, 16]	.088 [05/24, 17]	.087 [05/31, 14]	.079 [06/24]	.074 [05/29]	.079 [08/03]	.077
East Syracuse	3353-09	7,952	91	0	.093 [05/24, 16]	.089 [05/31, 15]	.088 [05/25, 13]	.088 [06/01, 13]	.077 [06/02]	.071 [06/18]	.081 [06/01]	.076
Camp Georgetown	2655-01	8,575	98	0	.087 [05/24, 16]	.085 [04/23, 17]	.082 [05/25, 15]	.082 [05/31, 16]	.074 [06/08]	.069 [05/04]	.078 [05/25]	.073

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 8

Genesee-Finger Lakes and Southern Tier West Air Quality Control Regions

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Rochester (G-F Lakes)	2701-08N	.007	.008	.005	.006	.008	.005	.006	(.006)	xx	xx	xx
Rochester (G-F Lakes)	2701-01N	.010	.010	.007	.006	.006	.005	.005	(.006)	xx	xx	xx
Rochester (G-F Lakes)	2701-22	--	--	--	--	--	--	--	(.005)	.004	.004	.004
Elmira (S. Tier West)	0701-05	.003	.003	.004	.003	.004	.004	.004	.003	.003	.003	.003

Sampling at 2701-08 was terminated on 05/05/04, at 2701-01 on 04/19/04; sampling commenced at 2701-22 on 05/18/04.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations		Highest Values, PPM			Observations		Highest Values, PPM Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Rochester 2 (G-F Lakes)	2701-22	8,521	97	2,805	0	.080 [05/30, 21]	.072 [05/24, 21]	.066 [05/24, 18]	359	0	.026 [05/24]	.023 [05/30]	.014 [05/31]
Elmira (S. Tier West)	0701-05	8,567	98	2,823	0	.027 [01/03, 12]	.026 [01/03, 15]	.024 [02/01, 06]	360	0	.014 [01/03]	.013 [02/17]	.012 [02/01]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region **8**

Southern Tier West Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Pinnacle	5001-04	--	--	--	--	--	--	--	--	--	--	1.8

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Pinnacle	5001-04	8,511	97	2,691	0	23 [01/04, 09]	22 [01/30, 18]	21 [02/01, 06]	363	0	13 [01/03]	13 [02/01]	12 [01/04]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler or R&P Model 2025 Sampler

NYSDEC Region **8**

Genesee-Finger Lakes Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	3 Yr Exp Val
Rochester (R&P)	2701-22	--	--	--	--	--	--	--	---	---	---	15	--

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		24-Hour Concentrations - ug/m ³							# of Days > 150 ug/m ³ - Not to exceed an expected avg of one per year during the last 3 years *						
		Maximum		2 nd Max.		3 rd Max.			2005		2006		2007		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
Rochester (R&P)	2701-22	49	52	05/24	35	09/21	30	02/05	-	--	-	--	0	0.0	--

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard W=Wedding Sampler

R&P=R&P Model 2025 Sampler

Mea=Measured Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **8**

Genesee-Finger Lakes Air Quality Control Region

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 µg/m³ *;

and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, *changed* from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Rochester 2 (F)	2701-22	119	41.7 [06/02]	33.4 [05/24]	30.9 [06/26]	30.9	25.6	37.6	31	9.2	10.0	10.9	9.6	9.9	9.4	12.5	10.6
Rochester 2 (T)	2701-22	300	43.0 [06/02]	37.4 [05/31]	35.8 [05/24]	32.0	28.6	33.2	31	8.5	9.1	9.7	9.9	9.3	10.2	11.9	10.5
Pinnacle (F)	5001-04	339	32.9 [08/03]	29.8 [06/26]	29.8 [06/27]	26.7	25.6	29.2	27	6.2	8.5	11.0	6.7	8.1	8.2	9.8	8.7
Pinnacle (T)	5001-04	281	38.6 [08/03]	37.6 [09/07]	36.9 [07/10]	32.9	26.5	--	--	6.8	9.6	13.3	7.8	9.4	9.6	--	--

FRM sampling at 2701-22 commenced on 08/01/04; TEOM sampling at 2701-22 commenced on 06/01/04 and at 5001-04 on 01/19/06.

(Annual Means in parentheses are based on less than 75% available data)

* Federal Ambient Air Quality Standard (changed from 65 µg/m³ to 35 µg/m³ on 12/17/06)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **8**

Genesee-Finger Lakes Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Rochester	2701-08	0.4	0.5	0.5	0.4	0.4	0.4	0.5	(0.5)	xx	xx	xx
Rochester Downtown	2701-01	0.5	0.6	0.7	0.6	0.5	0.5	0.5	(0.5)	xx	xx	xx
Rochester 2	2701-22	--	--	--	--	--	--	--	(0.5)	0.5	0.5	0.4

Sampling at 2701-08 was terminated on 05/05/04, at 2701-01 on 04/19/04; sampling commenced at 2701-22 on 05/18/04.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						Running 8-Hour Average (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days> 9PPM
Rochester 2	2701-22	7,903	90	0	2.2 [07/11, 11]	1.7 [07/11, 08]	1.5 [07/11, 10]	7,899	0	1.2 [07/11, 12]	1.1 [10/30, 23]	1.1 [11/11, 02]	0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region 8

Genesee-Finger Lakes and Southern Tier West Air Quality Control Regions

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Rochester (G-F Lakes)	2701-08	.024	.025	(.024)	.023	.026	.028	.025	(.025)	xx	xx	xx
Rochester 2 (G-F Lakes)	2701-22	-	-	-	-	-	-	--	(.019)	.023	.024	.026
Williamson (G-F Lakes)	5863-01	.028	.031	.034	.028	.029	.032	.032	.029	.029	.029	.033
Elmira (S. Tier West)	0701-05	.023	.024	.026	.023	.026	.027	.024	.024	.025	.024	.027
Pinnacle (S. Tier West)	5001-04	-	-	-	-	-	-	--	-	--	.034	.036

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
		Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Rochester 2 (G-F Lakes)	2701-22	8,511	97	0	.096 [06/02, 17]	.094 [08/29, 17]	.092 [08/03, 16]	.089 [05/24, 18]	.080 [07/21]	.081 [06/17]	.081 [08/03]	.080
Williamson (G-F Lakes) (Operated 04/21 - 10/31)	5863-01	4,609	99	0	.086 [08/02, 16]	.086 [08/03, 17]	.084 [05/24, 16]	.084 [08/29, 15]	.065 [05/10]	.065 [08/07]	.079 [06/02]	.069
Elmira (S. Tier West)	0701-05	8,524	97	0	.088 [05/31, 13]	.083 [09/20, 16]	.081 [04/23, 16]	.080 [06/19, 12]	.069 [09/13]	.067 [08/18]	.071 [05/23]	.069
Pinnacle (S. Tier West)	5001-04	8,533	97	0	.082 [05/24, 16]	.081 [04/23, 15]	.081 [09/07, 16]	.080 [05/15, 19]	xx	.070 [06/18]	.075 [09/07]	---

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 9

Niagara Frontier Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard (12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Niagara Falls	3102-09	.005	xxx									
Niagara Falls	3102-25	---	.004	.005	.005	.004	.004	.004	.003	.003	.002	.003
Buffalo	1401-18	.007	.007	.007	.007	.007	.006	.005	.003	.004	.003	.003
Lackawanna	1402-01	.006	.007	.006	xxx							
Tonawanda	1472-04	.012	.009	.010	.010	.010	.011	.009	.008	.006	.004	.004
Brookside Terrace	1472-14	--	--	--	--	--	--	--	--	--	--	(.003)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations	Highest Values, PPM			Observations	Highest Values, PPM Midnight - Midnight				
		Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Niagara Falls	3102-25	8,651	99	2,846	0	.024 [12/19, 03]	.022 [12/07, 09]	.020 [02/19, 18]	365	0	.010 [10/31]	.010 [12/07]	.010 [12/19]
Buffalo	1401-18	8,496	97	2,799	0	.023 [10/31, 09]	.022 [05/09, 21]	.021 [10/31, 06]	355	0	.012 [02/01]	.012 [10/31]	.011 [01/04]
Tonawanda	1472-04	8,652	99	2,850	0	.119 [05/30, 12]	.106 [05/31, 12]	.087 [05/25, 14]	363	0	.032 [05/30]	.027 [02/01]	.021 [02/17]
Brookside Terrace	1472-14	4,292	98	1,409	0	0.039 [10/04, 15]	.024 [07/11, 09]	.024 [07/26, 12]	180	0	.016 [10/31]	.015 [09/19]	.010 [09/06]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 9

Southern Tier West Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Jamestown	0602-07	.007	.008	.008	.008	.009	xxx	xxx	xxx	xxx	xxx	xxx
Dunkirk	0601-04	--	--	.008	.008	.008	.007	.007	.005	.004	.003	.003

Sampling at 0602-07 was terminated on 07/12/01.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 0.5 PPM more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 0.14 PPM more than once per calendar year *				
				Observations		Highest Values, PPM			Observations		Highest Values, PPM Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>0.5 PPM	1 st	2 nd	3 rd	Total	>.14 PPM	1 st	2 nd	3 rd
Dunkirk	0601-04	8,594	98	2,830	0	.040 [10/20, 15]	.038 [04/13, 12]	.038 [06/05, 15]	363	0	.017 [04/13]	.015 [12/07]	.014 [02/01]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence (Low Level)

NYSDEC Region 9

Southern Tier West Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Westfield	0675-01	4.5	5.2	5.2	5.2	4.8	4.1	4.3	3.5	3.5	2.7	2.7

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Averages		3-Hour Block Averages Maximum not to exceed 500 PPB more than once per calendar year *					24 Hour Average (Calendar Day) Maximum not to exceed 140 PPB more than once per calendar year *				
				Observations		Highest Values, PPB			Observations		Highest Values, PPB Midnight - Midnight		
Station	Site No.	Total Obs.	% Avail	Total	>500 PPB	1 st	2 nd	3 rd	Total	>140 PPB	1 st	2 nd	3 rd
Westfield	0675-01	8,604	98	2,833	0	30 [06/16, 09]	29 [12/07, 06]	27 [10/31, 06]	364	0	14 [10/31]	14 [12/07]	12 [01/18]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES - Wedding Sampler or R&P Model 2025 Sampler

NYSDEC Region 9

Niagara Frontier or Southern Tier West Air Quality Control Regions

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ug/m³)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	3 Yr Exp Val
Niagara Falls (NF) (W)	3102-17	19	21	xx									
Niagara Falls (NF) (W)	3102-25	--	24	20	17	18	17	17	17	xx	xx	xx	xx
Niagara Falls (NF) (R&P)	3102-25	--	--	--	--	--	--	--	20	24	21	21	22
N. Tonawanda (NF) (W)	3103-07	20	21	xx									
Lewiston (NF) (W)	3152-02	17	19	xx									
Jamestown (STW) (W)	0602-04	18	18	20	xx								
Jamestown (STW) (W)	0602-07	20	20	22	xx								
Westfield (STW) (W)	0675-01	15	16	17	14	14	12	12	11	xx	xx	xx	xx

Lab results not received for Wedding Samplers (3102-25 and 0675-01) for 2005.
Sampling was terminated at Wedding Samplers (3102-25 and 0675-01) on 12/31/2005.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		24-Hour Concentrations - ug/m ³							# of Days > 150 ug/m ³ - Not to exceed an expected avg of one per year during the last 3 years *						
		Maximum		2 nd Max.		3 rd Max.			2005		2006		2007		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
Niagara Falls (R&P)	3102-25	115	68	05/09	65	09/06	57	06/08	0	0.0	0	0.0	0	0.0	0.0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard W=Wedding Sampler

R&P=R&P Model 2025 Sampler

Mea=Measured Est=Estimated

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **9**

Niagara Frontier and Southern Tier West Air Quality Control Regions

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

(Average of last 3 years' annual means not to exceed 15 µg/m³ *;

and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *, *changed* from 65 µg/m³ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values			98 th Percentile				Quarterly Averages, 2007				Annual Mean			
			1 st	2 nd	3 rd	2007	2006	2005	3-yr avg	1 st	2 nd	3 rd	4 th	2007	2006	2005	3-yr avg
Buffalo (NF) (F)	1401-18	316	50.8 [07/04]	40.7 [05/25]	39.3 [05/31]	34.9	28.4	39.7	34	10.7	13.1	13.1	10.8	11.9	11.0	14.7	12.5
Buffalo (NF) (T)	1401-18	356	57.9 [07/04]	45.0 [09/06]	44.6 [08/29]	38.0	28.8	37.4	35	10.7	12.8	14.2	12.3	12.5	11.4	13.4	12.4
Lackawanna (NF) (F)	1402-14	117	37.9 [09/06]	36.7 [06/02]	34.6 [05/24]	34.6	28.2	37.1	33	10.5	12.6	13.3	10.2	11.7	10.8	14.6	12.4
Niagara Falls (NF) (F)	3102-25	116	36.5 [06/02]	36.2 [09/06]	30.6 [05/24]	30.6	27.3	43.3	34	9.6	11.3	11.9	10.7	10.9	10.5	14.0	11.8
Niagara Falls (NF) (T)	3102-25	362	40.6 [09/06]	40.1 [08/29]	39.1 [05/31]	34.0	30.9	35.9	34	9.6	11.6	12.3	11.7	11.3	11.2	12.7	11.7
Westfield (STW)(F)	0675-01	115	36.6 [09/06]	33.6 [06/26]	32.0 [05/24]	32.0	24.3	34.1	30	7.8	10.2	12.3	8.3	9.7	8.4	11.1	9.7

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region 9

Niagara Frontier Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Niagara Falls	3102-09	0.3	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Niagara Falls	3102-25	--	0.4	0.4	0.4	0.3	0.4	0.4	0.2	0.2	0.2	0.2
Buffalo	1401-18	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Buffalo Downtown	1401-31	0.6	0.6	0.6	0.5	0.5	(0.4)	xx	xx	xx	xx	xx
Brookside Terrace	1472-14	--	--	--	--	--	--	--	--	--	--	0.4

Sampling at 1401-31 was terminated on 03/24/2002; sampling at 1472-14 commence on 07/03/2007.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						Running 8-Hour Average (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			Highest Values, PPM			Observations			Highest Values, PPM		
Station	Site No.	Total Obs.	% Avail	>35 PPM	1 st	2 nd	3 rd	Total	>9 PPM	1 st	2 nd	3 rd	Days> 9PPM
Niagara Falls	3102-25	8,599	98	0	1.4 [11/02, 08]	1.3 [11/02, 07]	1.2 [11/03, 08]	8,639	0	1.0 [11/11, 04]	0.9 [05/23, 24]	0.9 [10/06, 01]	0
Buffalo	1401-18	8,649	99	0	4.1 [02/07, 01]	2.1 [11/08, 09]	1.8 [03/23, 08]	8,686	0	1.4 [02/07, 03]	1.1 [02/25, 03]	1.1 [03/23, 10]	0
Brookside Terrace	1472-14	4,251	98	0	1.4 [11/24, 04]	1.3 [11/24, 03]	1.2 [10/05, 23]	4,274	0	1.1 [11/24, 04]	1.0 [10/06, 02]	1.0 [11/11, 05]	0

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **9**

Niagara Frontier Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Middleport	3120-02	.028	.031	.033	.028	.030	.034	.034	.030	.036	.032	.036
Amherst	1451-03	.023	.028	.028	.026	.028	.031	.028	.028	.030	.028	.030

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

Station	Site No.	One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Total Obs.	% Avail	>.12 PPM	Highest Values, PPM							
					1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Middleport (Operated 03/29 - 11/06)	3120-02	5,306	99	0	.100 [05/24, 15]	.097 [09/06, 17]	.092 [06/25, 17]	.090 [08/02, 14]	.090 [06/24]	.075 [07/26]	.083 [06/25]	.082
Amherst	1451-03	8,619	98	0	.100 [08/02, 22]	.099 [08/03, 13]	.095 [09/06, 16]	.094 [05/24, 19]	.090 [06/08]	.083 [07/16]	.086 [08/03]	.086 +

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region 9

Southern Tier West Air Quality Control Region

Annual Averages 1997 through 2007

Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Westfield	0675-01	.034	.036	.036	.033	.035	.038	.034	.033	.035	.034	.036
Dunkirk	0604-01	---	---	.036	.031	.032	.034	.033	.032	.033	.033	.034

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		One Hour Averages							4 th Highest Daily Maximum 8-Hour Average - Not to exceed an avg of 0.08 ppm during the last 3 years *			
		Observations			Highest Values, PPM							
Station	Site No.	Total Obs.	% Avail	>.12 PPM	1 st	2 nd	3 rd	4 th	2005	2006	2007	Avg
Westfield	0675-01	8,598	98	0	.098 [08/02, 18]	.094 [05/24, 16]	.094 [08/03, 14]	.091 [09/06, 16]	.077 [06/07]	.076 [06/18]	.084 [09/06]	.079
Dunkirk	0604-01	8,582	98	0	.106 [08/02, 20]	.105 [05/31, 15]	.096 [05/24, 18]	.096 [09/06, 17]	.089 [06/07]	.084 [05/30]	.086 [06/02]	.086 +

(Annual Means in parentheses are based on less than 75% available data)

[Date of Occurrence, Hour]

*Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS (Note: .08 PPM standard is not exceeded unless avg. Of 4th max 8-hr concentrations > .084 PPM)

NITRIC OXIDE & NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region 9

Niagara Frontier Air Quality Control Region

Annual Averages 1997 through 2007
Nitric Oxide - Annual Arithmetic Mean (ppm)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Buffalo	1401-18	.018	.021	.021	.021	.018	.015	.019	.015	.016	.012	.014
Amherst	1451-03	.008	.008	.007	.008	.006	.005	.006	.005	.006	.003	.006

Nitrogen Dioxide - Annual Arithmetic Mean (ppm) - Primary Standard
 (12 month average not to exceed 0.05 PPM *)

Station	Site No.	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Buffalo	1401-18	.020	.021	.022	.022	.021	.020	.020	.018	.019	.016	.016
Amherst	1451-03	.016	.015	.016	.015	.015	.013	.013	.012	.013	.011	.010

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2007

		Nitric Oxide One-Hour Averages					Nitrogen Dioxide One-Hour Averages				
		Observations		Highest Values, PPM			Observations		Highest Values, PPM		
Station	Site No.	Total	% Avail	1 st	2 nd	3 rd	Total	% Avail	1 st	2 nd	3 rd
Buffalo	1401-18	8,531	97	.424 [02/07, 01]	.403 [02/23, 02]	.379 [10/30, 07]	8,531	97	.166 [02/27, 01]	.158 [02/14, 18]	.148 [02/23, 02]
Amherst	1451-03	8,559	98	.114 [10/15, 08]	.109 [10/15, 07]	.094 [10/15, 09]	8,560	98	.109 [04/25, 23]	.074 [04/26, 19]	.055 [02/21, 22]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

LEAD - High Volume Air Samplers (Glass Fiber Filters)

NYSDEC Region 9

Niagara Frontier Air Quality Control Region

Annual Geometric Means (ug/m³) 1995 through 2005

Station	Site No.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Buffalo	1401-29	0.03	0.03	0.03	0.03	xxx	xxx	xxx	xxx	xxx	xxx	xx
Buffalo	1401-32	(0.03)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx
Niagara Falls	3102-09	0.02	0.02	(0.02)	xxx	xx						
Niagara Falls	3102-25	---	---	---	0.02	0.02	0.02	0.02	0.01	0.01	xxx	xxx

Sampling at 3102-09 was terminated on 09/19/97; sampling at 1401-29 was terminated on 12/31/98;
Lab results not received for 3102-25 for 2004 and 2005. Sampling terminated at 3102-25 on 12/31/2005.

(Annual Means in parentheses are based on less than 75% available data)

*New York State and Federal Ambient Air Quality Standard (AAQS)

+ Denotes a contravention of New York State/Federal AAQS