

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **1**

Metropolitan Air Quality Control Region

Annual Averages 1996 through 2006

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|--------|------|------|------|------|------|------|
| Babylon | 5150-02 | .008 | .006 | .007 | .007 | (.010) | xxx | xxx | xxx | xxx | xxx | xxx |
| Eisenhower Park | 2950-10 | .006 | .005 | .006 | .006 | .006 | .005 | .004 | .005 | .004 | .004 | .004 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 |
| Eisenhower Park | 2950-10 | 8,122 | 93 | 7,994 | 0 | .051 [02/11, 05] | .042 [02/11, 02] | .042 [03/02, 08] | 344 | 0 | .021 [03/02] | .020 [01/28] | .020 [02/21] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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

N=NAMS (National Air Monitoring Station)

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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|--------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Eisenhower Park(T) | 2950-10 | 362 | 46.4 [08/02] | 42.4 [07/04] | 42.3 [07/18] | 34.3 | 36.8 | 32.4 | 34 | 12.3 | 11.9 | 15.5 | 12.5 | 13.0 | 13.4 | 13.2 | 13.2 |
| Hempstead (F) | 2950-18 | 114 | 37.5 [07/04] | 34.1 [08/03] | 33.0 [11/28] | 33.0 | 35.1 | 30.8 | 33 | 11.1 | 10.1 | 12.8 | 9.1 | 10.8 | 12.4 | 11.3 | 11.5 |
| Babylon (F) | 5150-01 | 116 | 40.8 [07/04] | 33.1 [11/28] | 31.9 [06/22] | 31.9 | 34.3 | 30.9 | 32 | 10.8 | 9.8 | 11.8 | 8.7 | 10.3 | 12.0 | 10.7 | 11.0 |

(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

N=NAMS (National Air Monitoring Station) [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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------|----------|------|------|------|------|------|------|------|------|--------|------|------|
| Babylon | 5150-02N | .023 | .024 | .025 | .025 | .023 | .023 | .024 | .025 | .024 | .024 | .024 |
| Holtsville | 5151-10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .030 |
| Riverhead | 5155-01 | .035 | .036 | .040 | .035 | .034 | .030 | .033 | .030 | (.029) | .035 | .039 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Babylon | 5150-02N | 8,573 | 98 | 3 | .139 + [07/17, 16] | .129 + [07/18, 16] | .128 + [08/02, 15] | .115 [08/01, 15] | .081 [07/22] | .098 [07/22] | .090 [08/01] | .089 + |
| Holtsville (Operated 04/26- 10/31) | 5151-10 | 4,235 | 93 | 3 | .142 + [07/17, 17] | .135 + [07/18, 15] | .126 + [08/02, 16] | .123 [08/01, 16] | --- | --- | .093 [08/03] | --- |
| Riverhead (Operated 03/23- 11/01) | 5155-01 | 4,942 | 92 | 3 | .168 + [07/18, 16] | .146 + [07/17, 17] | .126 + [08/01, 18] | .120 [08/02, 17] | .069 [05/11] | .086 [07/21] | .101 [07/17] | .085 + |

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)

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Nitric Oxide - Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|------|------|------|------|--------|------|------|
| Eisenhower Park | 2950-10 | .034 | .034 | .030 | .032 | .028 | .029 | .024 | .023 | (.018) | .018 | .019 |

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|------|------|------|------|--------|------|------|
| Eisenhower Park | 2950-10 | .026 | .025 | .022 | .025 | .024 | .024 | .022 | .021 | (.019) | .020 | .018 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 8,415 | 96 | .720 [11/28, 09] | .641 [11/28, 08] | .577 [12/06, 08] | 8,415 | 96 | .092 [11/28, 09] | .079 [12/06, 08] | .078 [11/28, 08] |

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

* Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

NYSDEC Region 2

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

Metropolitan Air Quality Control Region

Annual Averages 1996 through 2006
Annual Arithmetic Mean (ppm) - Primary Standard

Manhattan and Queens Sites

(12 month average not to exceed 0.03 PPM *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------------------|----------|--------|------|------|------|------|--------|------|--------|------|------|------|
| Mabel Dean | 7093-05N | (.012) | .013 | .011 | .013 | .013 | (.014) | xxx | xxx | xxx | xxx | xxx |
| PS 59 | 7093-10 | .015 | .012 | .012 | .013 | .013 | .012 | .012 | (.014) | .010 | .011 | .010 |
| Queens College | 7096-02 | .007 | .005 | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx |
| Queensboro Comm. College | 7096-08 | --- | --- | .006 | .007 | .006 | .007 | xxx | xxx | xxx | xxx | xxx |
| Queens College 2 | 7096-15 | --- | --- | --- | --- | --- | --- | .006 | .007 | .005 | .006 | .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 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | | 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 | 8,529 | 97 | 8,419 | 0 | .071 [01/28, 09] | .070 [12/21, 11] | .062 [12/14, 10] | 364 | 0 | .039 [01/28] | .032 [02/15] | .030 [12/21] |
| Queens College 2 | 7096-15 | 8,158 | 93 | 8,024 | 0 | .046 [12/11, 09] | .039 [03/02, 09] | .039 [10/09, 13] | 344 | 0 | .025 [01/28] | .024 [12/11] | .023 [02/21] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 2

Metropolitan Air Quality Control Region

Annual Averages 1996 through 2006

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

Bronx Sites

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------|----------|------|------|------|--------|--------|--------|------|------|------|------|------|
| IS 155 | 7094-03 | .009 | .008 | .009 | .010 | xxx | xxx | xxx | xxx | xxx | xxx | xxx |
| Morrisania | 7094-05 | .014 | .012 | .011 | .011 | (.017) | xxx | xxx | xxx | xxx | xxx | xxx |
| Botanical Garden | 7094-06 | --- | --- | --- | --- | (.009) | .010 | .009 | .009 | .009 | .009 | .007 |
| IS 52 | 7094-07 | --- | --- | --- | (.014) | .011 | (.013) | .010 | .011 | .010 | .011 | .009 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 7094-06 | 8,608 | 98 | 8,494 | 0 | .067 [12/17, 09] | .058 [11/28, 08] | .054 [07/25, 10] | 363 | 0 | .032 [12/17] | .031 [11/27] | .030 [01/28] |
| IS 52 | 7094-07 | 8,588 | 98 | 8,474 | 0 | .069 [11/28, 09] | .065 [12/21, 04] | .056 [12/21, 07] | 365 | 0 | .036 [12/21] | .034 [12/17] | .032 [11/27] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

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

Annual Averages 1991 through 2001

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

Brooklyn and Staten Island Sites

| Station | Site No. | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|--------------|----------|------|--------|--------|------|------|--------|------|------|------|--------|------|
| Greenpoint | 7095-01N | .013 | .012 | .010 | .011 | .010 | (.009) | .008 | .007 | .007 | xxx | xxx |
| PS 321 | 7095-06 | .013 | .009 | .008 | .011 | .008 | .009 | .008 | .008 | .009 | xxx | xxx |
| Susan Wagner | 7097-01 | .010 | (.009) | (.009) | .008 | .005 | .006 | .006 | .006 | .006 | (.008) | xxx |

Sampling at 7095-01 was terminated on 10/22/99; at 7095-06 on 12/31/1999; and at 7097-01 on 05/13/2000

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

N=NAMS (National Air Monitoring Station)

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

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

NYSDEC Region **2**

Metropolitan Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ug/m³)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 3 Yr Exp Val |
|--------------------|----------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| Mabel Dean (W) | 7093-05N | 25 | 26 | 24 | 21 | 22 | (19) | xx | xx | xx | xx | xx | xx |
| PS 59 (R&P) | 7093-10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23 | -- |
| Canal Street (R&P) | 8100-02 | -- | -- | -- | -- | -- | -- | -- | -- | 24 | 26 | 23 | 24 |
| Morrisania II (W) | 7094-05 | 26 | 24 | 24 | xx |
| IS 52 (W) | 7094-07 | -- | -- | -- | (16) | 21 | (21) | 21 | 22 | 18 | xx | xx | xx |
| Greenpoint (W) | 7095-01N | 26 | (26) | 23 | 23 | xx |
| PS 314 (W) | 7095-07N | 27 | 28 | 26 | xx |
| JHS 126 (W) | 7095-43 | -- | -- | -- | -- | -- | 20 | 21 | 20 | 17 | xx | xx | xx |
| PS 219 (R&P) | 7096-14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | (20) | -- |
| Susan Wagner (W) | 7097-01 | 20 | 19 | 17 | 16 | 19 | 16 | 17 | 16 | 13 | 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.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| Station | Site No. | 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 * | | | | | | |
|--------------|----------|--|-------|-------|-------|-------|-------|-------|---|------|------|------------|---|-----|-----|
| | | Total Obs. | Value | Date | Value | Date | Value | Date | 2004 | 2005 | 2006 | Exp Avg | | | |
| PS 59 | 7093-10 | 113 | 67 | 02/16 | 60 | 05/26 | 57 | 06/16 | -- | -- | -- | -- | 0 | 0.0 | -- |
| Canal Street | 8100-02 | 112 | 60 | 02/16 | 59 | 11/28 | 57 | 05/26 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 |
| PS 219 | 7096-14 | 165 | 57 | 11/28 | 55 | 11/27 | 52 | 08/02 | -- | -- | -- | -- | 0 | 0.0 | -- |

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

N=NAMS (National Air Monitoring Station)

Mea=Measured

Est=Estimated

* Federal Ambient Air Quality Standard

W=Wedding Sampler

R&P=R&P Model 2025 Sampler

+ 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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-----------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|--------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| JHS 45 (F) | 7093-08 | 114 | 44.0 [02/16] | 40.6 [06/19] | 37.6 [11/28] | 37.6 | 36.6 | 38.0 | 37 | 14.4 | 12.1 | 14.0 | 10.6 | 12.8 | 14.3 | 13.1 | 13.4 |
| PS 59 (F) | 7093-10 | 117 | 43.3 [02/16] | 43.1 [06/19] | 40.7 [05/26] | 40.7 | 40.1 | 41.1 | 41 | 16.9 | 14.0 | 14.4 | 12.6 | 14.5 | 17.0 | 15.6 | 15.7+ |
| IS 143 (T) | 7093-15 | 350 | 48.3 [07/12] | 44.2 [06/19] | 44.0 [08/02] | 39.8 | 35.3 | 38.7 | 38 | 16.5 | 14.1 | 17.1 | 14.5 | 15.5 | 16.3 | 15.8 | 15.9+ |
| PS 64 (T) | 7093-16 | 332 | 47.7 [08/02] | 47.4 [07/12] | 45.3 [07/04] | 38.6 | 36.3 | 32.4 | 36 | 14.2 | 14.3 | 21.0 | 13.7 | 15.8 | 15.3 | (14.1) | 15.1+ |
| Manhattanville PO (T) | 7093-17 | 359 | 49.3 [07/12] | 41.8 [06/19] | 41.5 [08/02] | 37.8 | 35.3 | 33.4 | 36 | 13.4 | 13.8 | 16.7 | 13.8 | 14.4 | 15.0 | 14.7 | 14.7 |
| Park Row (T) (WTC) | 7093-18 | 353 | 46.0 [07/12] | 43.8 [08/02] | 41.1 [06/19] | 36.1 | 39.0 | 37.4 | 38 | 12.1 | 14.0 | 16.6 | 12.3 | 13.8 | 14.4 | 14.5 | 14.2 |
| PS 19 (F) | 7093-21 | 114 | 41.3 [06/19] | 41.3 [11/28] | 38.2 [02/16] | 38.2 | 38.2 | 38.9 | 38 | 15.6 | 13.1 | 14.2 | 12.5 | 13.8 | 16.4 | 15.2 | 15.1+ |
| Canal Street (F) | 8100-02 | 113 | 40.7 [06/19] | 39.5 [02/16] | 35.9 [07/04] | 35.9 | 39.5 | 39.1 | 38 | 14.6 | 13.0 | 13.7 | 9.7 | 12.8 | 15.7 | 14.4 | 14.3 |
| Canal Street (T) | 8100-02 | 363 | 46.9 [07/12] | 44.4 [08/02] | 42.0 [06/19] | 36.7 | 36.9 | 34.0 | 36 | 12.8 | 13.8 | 17.1 | 12.5 | 14.0 | 14.9 | 14.7 | 14.5 |

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

F = Federal Reference Method

WTC = Samplers Installed after World Trade Center attack

T = TEOM (Tapered Element Oscillating Microbalance)

* 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

(Bronx Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|----------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Morrisania (F) | 7094-05 | 115 | 46.6 [02/16] | 41.5 [06/19] | 39.7 [11/28] | 39.7 | 37.7 | 38.2 | 39 | 17.3 | 13.7 | 15.5 | 11.9 | 14.6 | 16.9 | 14.4 | 15.3+ |
| Botanical Garden (F) | 7094-06 | 118 | 40.8 [06/19] | 39.8 [02/16] | 34.8 [07/04] | 34.8 | 36.6 | 31.3 | 34 | 13.7 | 11.2 | 15.4 | 10.2 | 12.6 | 13.9 | 12.8 | 13.1 |
| IS 52 (F) | 7094-07 | 335 | 46.2 [07/12] | 44.7 [02/16] | 40.3 [08/02] | 36.6 | 36.8 | 33.9 | 36 | 12.9 | 11.1 | 14.6 | 11.3 | 12.5 | 13.7 | 13.8 | 13.3 |
| IS 52 (T) | 7094-07 | 341 | 45.9 [07/12] | 41.6 [06/19] | 41.6 [08/02] | 38.0 | 36.6 | 33.4 | 36 | 12.9 | 13.0 | 16.0 | 12.5 | 13.6 | 14.6 | 14.5 | 14.2 |
| IS 74 (T) | 7094-08 | 350 | 47.1 [07/12] | 43.4 [06/19] | 43.3 [08/02] | 38.0 | 36.6 | 34.8 | 36 | 13.3 | 13.4 | 17.8 | 13.1 | 14.4 | 14.5 | 14.7 | 14.5 |
| PS 154 (T) | 7094-09 | 363 | 43.3 [06/19] | 41.4 [08/02] | 39.5 [06/18] | 34.0 | 36.9 | 40.5 | 37 | 12.9 | 13.3 | 15.8 | 12.6 | 13.7 | 14.8 | 14.9 | 14.5 |

Sampling was suspended at 7094-07 from 06/20/01 to 10/04/01 for construction.

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-------------------------------|-------------------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| PS 314 (T) | 7095-07 | 365 | 47.1 [08/02] | 41.9 [08/01] | 40.7 [07/12] | 34.4 | 35.0 | 34.7 | 35 | 11.7 | 13.1 | 16.3 | 12.1 | 13.3 | 14.3 | 14.3 | 14.0 |
| JHS 126 (F) | 7095-43 | 112 | 40.2 [06/19] | 39.0 [02/16] | 37.7 [07/04] | 37.7 | 36.3 | 36.9 | 37 | 15.0 | 12.5 | 14.8 | 8.6 | 12.7 | 15.3 | 14.0 | 14.0 |
| IS 293 (T) | 7095-44 | 361 | 47.8 [08/02] | 44.2 [07/12] | 43.2 [08/01] | 36.6 | 37.0 | 36.3 | 37 | 12.2 | 13.3 | 16.8 | 12.6 | 13.7 | 14.4 | 14.7 | 14.3 |
| PS 274 (T) | 7095-98 | 157 | 29.8 [05/29] | 28.3 [05/26] | 27.9 [02/16] | (25.1) | 32.8 | 29.4 | 29 | 11.7 | 11.2 | xx | xx | xx | 13.7 | 14.1 | xx |
| Maspeth Library (T) | 7096-13 | 325 | 44.1 [08/02] | 41.3 [07/18] | 40.4 [07/04] | 35.8 | 37.2 | 32.0 | 35 | 13.0 | 12.7 | 16.2 | 12.6 | 13.6 | 15.3 | 14.6 | 14.5 |
| PS 219 / Queens College 2 (F) | 7096-14 / 7096-15 | 315 | 38.2 [07/12] | 37.8 [07/04] | 37.3 [07/18] | 33.6 | 34.3 | 33.4 | 34 | 11.2 | 10.1 | 13.7 | 10.8 | 11.6 | 12.4 | 12.2 | 12.1 |
| PS 219 (T) | 7096-14 | 363 | 41.0 [08/02] | 39.2 [07/12] | 38.9 [07/18] | 33.8 | 35.6 | 33.3 | 34 | 11.6 | 12.1 | 15.1 | 11.3 | 12.5 | 13.3 | 13.3 | 13.0 |

Sampling at 7095-98 was terminated on 06/13/06. 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)

* 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 2006

(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 65 $\mu\text{g}/\text{m}^3$ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|---------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Susan Wagner (F) | 7097-01 | 116 | 37.3 [06/19] | 34.4 [07/04] | 32.0 [11/28] | 32.0 | 33.2 | 33.5 | 33 | 9.8 | 10.7 | 12.6 | 8.3 | 10.4 | 12.5 | 11.3 | 11.4 |
| Port Richmond (F) | 7097-03 | 110 | 39.0 [06/19] | 36.9 [11/28] | 36.2 [07/04] | 36.2 | 33.4 | 31.3 | 34 | 11.7 | 12.1 | 14.1 | 10.4 | 12.1 | 14.5 | 13.3 | 13.3 |
| Freshkills West (T) | 7097-17 | 359 | 51.5 [07/12] | 48.6 [08/02] | 41.1 [06/19] | 34.3 | 37.7 | 32.3 | 35 | 11.4 | 12.4 | 16.5 | 12.1 | 13.1 | 13.5 | 13.1 | 13.2 |
| PS 44 (T) | 7097-18 | 339 | 45.1 [08/02] | 41.7 [07/12] | 39.8 [06/19] | 34.6 | 33.3 | 36.6 | 35 | 11.1 | 12.7 | 16.1 | 12.4 | 13.1 | 13.6 | 13.6 | 13.4 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 | 7095-01N | 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

N=NAMS (National Air Monitoring Station)

** 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 1996 through 2006
Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------------------------|----------|------|-------|-------|------|------|-------|------|------|------|------|------|
| 350 Canal Street | 8100-02N | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | xx | xx | xx | xx | xx |
| Brooklyn Transit | 8100-03 | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.1 | 1.1 | 1.1 | 1.0 | 0.9 | 0.8 |
| 225 E. 34 th Street | 8100-06 | 1.6 | 1.3 | 1.3 | 1.3 | 1.2 | 1.0 | 1.0 | 1.0 | 0.9 | xx | xx |
| Bloomington | 8100-07 | 2.5 | (2.4) | (2.2) | 1.7 | 1.5 | (1.3) | xx | xx | xx | xx | xx |

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

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| Station | Site No. | One-Hour Average | | | | | | Running 8-Hour Average (Non-Overlapping) | | | | | |
|------------------|----------|------------------|---------|---------------------|-----------------------|-----------------------|-----------------------|--|--------|-----------------------|-----------------------|-----------------------|-------------|
| | | 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 |
| Brooklyn Transit | 8100-03 | 8,656 | 99 | 0 | 5.9 [12/15, 20] | 5.4 [12/21, 08] | 4.9 [12/18, 08] | 8,718 | 0 | 2.5 [11/28, 12] | 2.5 [12/18, 15] | 2.3 [02/16, 10] | 0 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006 Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------------|----------|------|------|------|------|------|------|------|-------|------|------|------|
| PS 59 | 7093-10 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | (0.8) | 0.7 | 0.6 | 0.6 |
| Botanical Gardens | 7094-06 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.6 | 0.6 | 0.5 |
| PS 321 | 7095-06 | 0.8 | 0.8 | 0.8 | 0.8 | 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 |
| Queens College 2 | 7096-15 | --- | --- | --- | --- | --- | --- | 0.6 | 0.6 | 0.5 | 0.5 | 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 2006

| | | 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 | 8,451 | 97 | 0 | 2.3 [11/28, 10] | 2.3 [11/27, 11] | 2.0 [11/27, 10] | 8,295 | 0 | 1.9 [11/27, 13] | 1.7 [11/28, 11] | 1.6 [11/28, 02] | 0 |
| Botanical Gardens | 7094-06 | 8,586 | 98 | 0 | 2.6 [11/28, 09] | 2.2 [02/16, 08] | 2.2 [11/27, 08] | 8,632 | 0 | 1.9 [02/16, 12] | 1.7 [11/28, 10] | 1.6 [01/29, 10] | 0 |
| Queens College 2 | 7096-15 | 8,148 | 93 | 0 | 2.5 [11/28, 08] | 2.3 [11/28, 07] | 2.3 [11/28, 09] | 8,101 | 0 | 1.8 [11/28, 12] | 1.6 [11/05, 08] | 1.5 [02/04, 09] | 0 |

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

*New York and Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

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

[Date of Occurrence, Hour]

OZONE - Continuous UV Light Absorption

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

Annual Averages 1996 through 2006 Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|----------|------|------|------|------|------|--------|------|------|------|------|------|
| IS 155 | 7094-03 | --- | .020 | xxx | .021 | xx | xx | xx | xx | xx | xx | xx |
| Morrisania | 7094-05 | .019 | .021 | .023 | .019 | xxx | xx | xx | xx | xx | xx | xx |
| Botanical Gardens | 7094-06 | .018 | .017 | .015 | .018 | .016 | .017 | .017 | .017 | .017 | .018 | .020 |
| IS 52 | 7094-07 | --- | --- | --- | .007 | .015 | (.014) | .017 | .016 | .016 | .016 | .017 |

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 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Botanical Gardens | 7094-06 | 8,582 | 98 | 0 | .109 [07/17, 14] | .107 [09/06, 01] | .106 [06/18, 14] | .101 [07/18, 13] | .074 [07/21] | .074 [07/27] | .076 [07/31] | .074 |
| IS 52 | 7094-07 | 8,533 | 97 | 0 | .114 [06/18, 15] | .094 [07/18, 17] | .090 [07/17, 14] | .089 [06/17, 17] | .069 [08/23] | .077 [07/22] | .072 [06/19] | .072 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|------|--------|------|------|------|------|------|
| Mabel Dean H.S. | 7093-05 | --- | .019 | .020 | .013 | .011 | (.014) | xxx | xxx | xxx | xxx | xxx |
| Susan Wagner | 7097-01 | .032 | .035 | .033 | .033 | .030 | .032 | .034 | .029 | .029 | .030 | .032 |

Sampling at 7093-05 on 06/14/2001.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | | | | |
| Susan Wagner (Operated 03/23 - 10/31) | 7097-01 | 5,188 | 97 | 1 | .125 + [06/18, 18] | .114 [06/17, 18] | .112 [07/17, 14] | .106 [06/22, 17] | .083 [08/20] | .094 [06/25] | .092 [06/17] | .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)

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------------|----------|------|------|------|------|------|--------|------|------|------|------|------|
| Queens College | 7096-02N | .017 | .024 | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xx |
| Queensboro Comm Coll | 7096-08 | --- | --- | .021 | .020 | .019 | .021 | xxx | xxx | xxx | xxx | xx |
| College Point P.O. | 7096-09 | --- | --- | .015 | .016 | .015 | .017 | .018 | .017 | .016 | .017 | xx |
| Queens College 2 | 7096-15 | --- | --- | --- | --- | --- | (.017) | .019 | .019 | .018 | .020 | .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 2006

| | | 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 | 2004 | 2005 | 2006 | Avg |
| Queens College 2 | 7096-15 | 8,271 | 94 | 0 | .110 [07/18, 16] | .104 [06/17, 17] | .100 [07/31, 17] | .100 [08/07, 15] | .075 [06/08] | .086 [07/22] | .078 [06/17] | .079 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006 Nitric Oxide - Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------|----------|--------|------|------|------|------|--------|------|--------|--------|------|------|
| Mabel Dean | 7093-05 | (.036) | .038 | .031 | .033 | .033 | (.036) | xxx | xxx | xxx | xxx | xxx |
| PS 59 | 7093-10 | .052 | .047 | .045 | .046 | .045 | .042 | .035 | (.036) | (.030) | .030 | .026 |
| Greenpoint | 7095-01 | (.032) | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx |

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------|----------|--------|------|------|------|------|--------|------|--------|--------|------|------|
| Mabel Dean | 7093-05 | (.035) | .035 | .036 | .037 | .036 | (.038) | xxx | xxx | xxx | xxx | xxx |
| PS 59 | 7093-10 | .042 | .040 | .040 | .041 | .038 | .038 | .038 | (.038) | (.035) | .036 | .034 |
| Greenpoint | 7095-01N | (.035) | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx | xxx |

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

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 8,521 | 97 | .298 [03/30, 08] | .296 [02/16, 07] | .294 [01/11, 15] | 8,521 | 97 | .086 [04/11, 11] | .085 [03/30, 08] | .085 [03/30, 09] |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006 Nitric Oxide - Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|----------|------|------|------|--------|--------|--------|------|------|------|------|------|
| Morrisania | 7094-05 | .032 | .027 | .027 | .031 | (.039) | xxx | xxx | xxx | xxx | xxx | xx |
| Botanical Gardens | 7094-06 | .023 | .023 | .022 | .024 | .023 | .026 | .020 | .021 | .017 | .015 | .015 |
| IS 52 | 7094-07 | --- | --- | --- | (.030) | .025 | (.027) | .022 | .023 | .022 | .021 | .017 |

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------|----------|------|------|------|--------|--------|--------|------|------|------|------|------|
| Morrisania | 7094-05N | .036 | .035 | .036 | .033 | (.033) | xxx | xxx | xxx | xxx | xxx | xxx |
| Botanical Gardens | 7094-06 | .032 | .030 | .030 | .029 | .029 | .031 | .028 | .027 | .024 | .027 | .025 |
| IS 52 | 7094-07 | --- | --- | --- | (.032) | .032 | (.032) | .030 | .030 | .030 | .029 | .026 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 7094-06 | 8,477 | 97 | .366 [02/16, 08] | .347 [11/28, 09] | .344 [11/27, 08] | 8,505 | 97 | .092 [02/16, 11] | .080 [11/27, 15] | .079 [02/16, 13] |
| IS 52 | 7094-07 | 8,542 | 98 | .405 [11/28, 08] | .383 [02/16, 08] | .371 [02/16, 06] | 8,542 | 98 | .091 [02/16, 11] | .087 [11/27, 13] | .085 [05/25, 08] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 1996 through 2006 Nitric Oxide - Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------------|----------|------|------|------|------|------|--------|------|------|------|------|------|
| Queensboro Comm. Coll. | 7096-08 | --- | --- | .019 | .019 | .018 | .019 | xxx | xxx | xxx | xxx | xxx |
| College Point P.O. | 7096-09 | --- | --- | .030 | .034 | .030 | .031 | .026 | .030 | .025 | .023 | xxx |
| Queens College 2 | 7096-15 | --- | --- | --- | --- | --- | (.026) | .017 | .020 | .015 | .015 | .014 |

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------------|----------|------|------|------|------|------|--------|------|------|------|------|------|
| Queensboro Comm. Coll. | 7096-08 | --- | --- | .027 | .026 | .026 | .026 | xxx | xxx | xxx | xxx | xxx |
| College Point P.O. | 7096-09 | --- | --- | .028 | .029 | .030 | .030 | .028 | .030 | .028 | .027 | xxx |
| Queens College 2 | 7096-15 | --- | --- | --- | --- | --- | (.028) | .028 | .027 | .025 | .025 | .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 2006

| | | 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 | 8,229 | 94 | .501 [04/05, 10] | .473 [11/28, 08] | .435 [11/28, 07] | 8,240 | 94 | .086 [06/22, 22] | .083 [06/22, 23] | .080 [06/22, 24] |

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

N=NAMS (National Air Monitoring Station)

[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) 1996 through 2006

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------|----------|------|--------|------|------|------|------|------|------|------|--------|------|
| Midtown | 7093-12 | 0.05 | 0.05 | 0.08 | xx | xx |
| Greenpoint | 7095-01 | 0.07 | (0.08) | 0.07 | 0.06 | xx | xx | xx | xx | xx | xx | xx |
| PS 314 | 7095-07N | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx |
| JHS 126 | 7095-43 | -- | -- | -- | -- | -- | -- | -- | 0.03 | 0.03 | (0.03) | 0.02 |
| Susan Wagner | 7097-01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | xx | xx | xx |
| PS 26 | 7097-02 | 0.03 | 0.03 | xx | xx |

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

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 55 | 90 | 0.04 | 01/29 | 0.04 | 02/10 | 0.04 | 03/30 | 0.02 [3 rd] | 0.02 [2 nd] | 0.02 [1 st] |

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

*New York and Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

+ 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 1996 through 2006

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Mt. Ninham | 3951-01 | 2.3 | 2.6 | 2.5 | 2.3 | 2.3 | 2.6 | 2.2 | 2.4 | 2.2 | 2.2 | 1.7 |
| Belleayre Mtn. | 5565-03 | 1.7 | 1.9 | 1.7 | 1.7 | 1.6 | 1.9 | 1.6 | 1.7 | 1.3 | 1.4 | 1.3 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,240 | 94 | 8,099 | 0 | 18.6 [02/16, 18] | 18.5 [02/02, 15] | 18.1 [02/21, 11] | 346 | 0 | 11.0 [12/21] | 10.8 [01/28] | 9.5 [12/10] |
| Belleayre Mtn. | 5565-03 | 8,618 | 98 | 8,487 | 0 | 17.1 [12/21, 01] | 16.7 [12/21, 04] | 16.7 [01/28, 12] | 365 | 0 | 9.3 [12/21] | 8.7 [01/28] | 8.6 [12/10] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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

N=NAMS (National Air Monitoring Station)

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 2006

(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 65 $\mu\text{g}/\text{m}^3$ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Newburgh (F) | 3502-04 | 112 | 41.8 [06/19] | 31.7 [02/16] | 27.5 [05/26] | 27.5 | 29.6 | 27.4 | 28 | 10.5 | 9.7 | 10.6 | 7.8 | 9.6 | 12.1 | 10.4 | 10.7 |
| Newburgh (T) | 3502-04 | 361 | 44.7 [06/18] | 44.1 [06/19] | 34.5 [07/12] | 30.6 | 29.2 | 29.0 | 30 | 10.2 | 10.8 | 13.9 | 10.1 | 11.2 | 12.3 | 11.8 | 11.8 |
| Mamaroneck (F) | 5956-01 | 120 | 39.8 [06/19] | 36.6 [02/16] | 34.4 [07/04] | 34.4 | 32.8 | 33.5 | 34 | 12.0 | 10.7 | 12.2 | 9.5 | 11.1 | 12.4 | 11.3 | 11.6 |
| White Plains (T) | 5902-04 | 310 | 43.0 [07/18] | 39.0 [07/12] | 38.5 [06/18] | 32.2 | 27.6 | 26.7 | 29 | 9.4 | 10.1 | 18.9 | 9.9 | 12.1 | 11.0 | 10.8 | 11.3 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| White Plains (Metro.) | 5902-04N | .022 | .024 | .023 | .024 | .021 | .024 | .024 | .024 | .019 | .025 | .025 |
| Valley Central (Hud.Valley) | 3527-01 | .030 | .031 | .032 | .030 | .026 | .030 | .029 | .029 | .028 | .031 | .029 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | | | | 2004 | 2005 | 2006 | Avg |
| | | Total Obs. | % Avail | >.12 PPM | 1 st | 2 nd | 3 rd | 4 th | | | | |
| White Plains (Metro.) | 5902-04N | 8,127 | 93 | 1 | .145 + [06/18, 16] | .110 [06/19, 17] | .106 [05/29, 16] | .103 [07/31, 19] | .078 [08/20] | .095 [08/13] | .083 [07/31] | .085 + |
| Valley Central (Hud.Valley) (Oper. 03/23-11/02) | 3527-01 | 5,229 | 97 | 0 | .099 [05/31, 18] | .094 [06/18, 19] | .093 [06/17, 17] | .089 [08/14, 17] | .078 [07/01] | .087 [08/12] | .077 [06/22] | .080 |

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)

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Millbrook | 1328-01 | .028 | .028 | .030 | .030 | .026 | .030 | .029 | .028 | .025 | .025 | .024 |
| Mt. Ninham | 3951-01 | .033 | .033 | .035 | .035 | .027 | .033 | 0.35 | .031 | .028 | .029 | .028 |
| Belleayre Mtn. | 5565-03 | .034 | .035 | .035 | .037 | .032 | .035 | .036 | .036 | .034 | .035 | .034 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Millbrook | 1328-01 | 8,477 | 97 | 0 | .085 [07/17, 15] | .077 [08/14, 18] | .075 [06/18, 16] | .072 [07/10, 16] | .076 [07/01] | .082 [06/25] | .064 [06/18] | .074 |
| Mt. Ninham | 3951-01 | 8,370 | 96 | 0 | .102 [06/19, 17] | .096 [06/18, 16] | .092 [07/27, 17] | .088 [06/22, 17] | .082 [06/08] | .096 [06/25] | .074 [07/10] | .084 |
| Belleayre Mtn. | 5565-03 | 8,560 | 98 | 0 | .086 [03/31, 17] | .086 [07/11, 03] | .085 [08/14, 24] | .084 [06/18, 13] | .076 [08/10] | .080 [09/22] | .077 [08/14] | .077 |

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

N=NAMS (National Air Monitoring Station)

[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) 1996 through 2006

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------------|----------|------|------|------|------|------|------|------|------|------|--------|------|
| Mamaroneck (Metro.) | 5956-01 | xxx | xxx |
| Wallkill (H.Valley) | 3566-02 | 0.04 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | 0.04 | (0.05) | 0.03 |
| Wallkill (H.Valley) | 3566-09 | 0.05 | 0.07 | 0.06 | 0.08 | 0.09 | 0.08 | 0.06 | 0.07 | 0.07 | (0.05) | 0.05 |
| Wallkill (H.Valley) | 3566-10 | xxx | xxx |
| Scotchtown (H.Valley) | 3566-11 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | (0.04) | 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 2006

| | | 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 | 61 | 100 | 0.27 | 09/14 | 0.14 | 05/11 | 0.07 | 04/11 | 0.03 [2 nd] | 0.03 [3 rd] | 0.02 [1 st] |
| Wallkill | 3566-09 | 59 | 97 | 0.33 | 04/05 | 0.32 | 12/07 | 0.19 | 10/26 | 0.08 [4 th] | 0.07 [2 nd] | 0.04 [1 st] |
| Scotchtown | 3566-11 | 59 | 97 | 0.03 | 04/11 | 0.02 | 02/16 | 0.02 | 10/08 | 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

N=NAMS (National Air Monitoring Station)

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **4**

Hudson Valley Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Loudonville | 0101-33N | .004 | .003 | .004 | .004 | .004 | .005 | .004 | .004 | .004 | .005 | .005 |
| Schenectady | 4601-05N | .005 | .003 | .003 | .003 | .003 | .004 | .004 | .003 | .004 | .005 | .005 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 0101-33N | 8,593 | 98 | 8,463 | 0 | .024 [07/26, 20] | .021 [01/28, 13] | .020 [10/31, 18] | 364 | 0 | .015 [02/15] | .013 [02/13] | .013 [02/14] |
| Schenectady | 4601-05N | 8,624 | 98 | 8,513 | 0 | .024 [11/26, 16] | .022 [01/20, 14] | .021 [01/20, 18] | 365 | 0 | .014 [01/20] | .013 [02/15] | .012 [02/16] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 1996 through 2006

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------------|----------|------|------|------|------|------|-------|------|------|------|------|------|
| Dyken Pond | 4153-03 | 1.6 | 1.7 | 1.6 | 1.5 | 1.5 | (1.7) | xxx | xxx | xxx | xx | xx |
| Grafton State Park | 4153-04 | — | — | — | — | — | (2.3) | 2.2 | 2.0 | 1.6 | 1.9 | 1.3 |

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 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 7,305 | 83 | 7,177 | 0 | 18.2 [11/27, 22] | 15.3 [11/07, 03] | 14.4 [11/27, 14] | 311 | 0 | 11.5 [11/27] | 8.8 [11/06] | 7.9 [12/10] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 (ug/m³)

| 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 | 0101-13N | 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

N=NAMS (National Air Monitoring Station)

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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Albany Co. HD (F) | 0101-13 | 94 | 39.5 [06/19] | 30.9 [01/02] | 30.0 [01/29] | 30.9 | 35.9 | 32.4 | 33 | 11.3 | 8.9 | 11.0 | (6.5) | 9.4 | 12.4 | 11.2 | 11.0 |
| Albany Co. HD (T) | 0101-13 | 296 | 41.6 [06/18] | 41.4 [06/19] | 36.4 [07/27] | 26.8 | 30.7 | 29.3 | 29 | 10.5 | 10.3 | 12.5 | (9.0) | 10.6 | 12.4 | 11.8 | 11.6 |

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)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Loudonville | 0101-33 | --- | 0.8 | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 |
| Schenectady | 4601-05 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 8,628 | 99 | 0 | 1.6 [11/27, 22] | 1.5 [11/27, 23] | 1.4 [11/27, 21] | 8,705 | 0 | 1.2 [11/28, 01] | 1.0 [02/21, 06] | 1.0 [11/27, 08] | 0 |
| Schenectady | 4601-05 | 8,652 | 99 | 0 | 3.2 [01/20, 21] | 3.1 [01/20, 22] | 2.9 [01/10, 20] | 8,689 | 0 | 2.7 [01/20, 24] | 2.2 [01/10, 24] | 2.2 [11/27, 01] | 0 |

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

*New York and Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

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

[Date of Occurrence, Hour]

OZONE - Continuous UV Light Absorption

NYSDEC Region 4

Hudson Valley Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Loudonville | 0101-33N | .024 | .026 | .026 | .026 | .022 | .026 | .027 | .025 | .025 | .027 | .026 |
| Schenectady | 4601-05 | .020 | .022 | .022 | .023 | .021 | .024 | .024 | .023 | .021 | .023 | .020 |
| Grafton Lake State Park | 4153-04 | -- | -- | -- | -- | -- | -- | .037 | .037 | .035 | .037 | .033 |

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

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Loudonville | 0101-33N | 8,540 | 98 | 0 | .086 [06/18, 13] | .082 [06/19, 16] | .079 [05/25, 18] | .077 [05/29, 17] | .072 [08/10] | .080 [06/26] | .069 [03/31] | .073 |
| Schenectady | 4601-05 | 8,597 | 98 | 0 | .079 [06/18, 16] | .076 [06/22, 17] | .074 [06/19, 14] | .074 [08/18, 16] | .068 [04/30] | .077 [09/13] | .061 [08/18] | .068 |
| Grafton Lake | 4153-04 | 8,526 | 97 | 0 | .086 [06/18, 13] | .082 [07/10, 20] | .081 [05/25, 18] | .079 [06/17, 23] | .076 [06/08] | .081 [06/27] | .072 [05/25] | .076 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Piseco Lake | 2050-01 | 0.9 | 0.9 | 0.8 | 1.0 | 1.1 | 1.2 | 1.1 | 1.1 | 0.8 | 0.7 | 0.6 |
| Whiteface Mtn. - Lodge | 1567-04 | 0.9 | 0.9 | 1.0 | 1.1 | 1.0 | 1.4 | 1.3 | 1.0 | 0.8 | 1.1 | 1.0 |
| Paul Smiths College | 1655-01 | - | - | - | - | - | - | - | - | 0.9 | 1.2 | 0.9 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | Observations | Highest Values, PPB 478night - 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 | 8,408 | 96 | 8,274 | 0 | 13.4 [01/28, 11] | 10.9 [11/06, 14] | 10.4 [12/10, 09] | 354 | 0 | 7.0 [12/10] | 6.2 [01/28] | 5.8 [02/15] |
| Whiteface Mtn. -Lodge | 1567-04 | 8,303 | 95 | 8,136 | 0 | 13.3 [11/26, 08] | 9.9 [06/18, 11] | 8.8 [07/27, 08] | 351 | 0 | 6.7 [11/06] | 6.2 [02/15] | 5.6 [12/10] |
| Paul Smiths College | 1655-01 | 8,384 | 96 | 8,268 | 0 | 11.2 [01/28, 11] | 9.1 [02/15, 10] | 8.7 [11/06, 15] | 354 | 0 | 7.0 [02/15] | 5.6 [01/28] | 5.6 [12/10] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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

N=NAMS (National Air Monitoring Station)

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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|--------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2005 | 2005 | 2004 | 3-yr avg |
| Whiteface Base (F) | 1567-04 | 326 | 38.1 [07/27] | 33.4 [07/10] | 27.5 [06/18] | 18.8 | 26.6 | 23.2 | 23 | 4.9 | 5.4 | 7.6 | 3.9 | 5.4 | 6.7 | 6.0 | 6.0 |
| Whiteface Base (T) | 1567-04 | 352 | 31.8 [07/27] | 27.3 [06/18] | 24.9 [06/19] | 18.9 | 28.9 | 24.9 | 24 | 5.8 | 6.0 | 7.6 | 5.1 | 6.1 | 8.1 | 7.6 | 7.3 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Stillwater | 4567-01 | .027 | .030 | .031 | .032 | .029 | .032 | .032 | .035 | .032 | .033 | .029 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Stillwater (oper. 03/27-12/31) | 4567-01 | 6,594 | 98 | 0 | .099 [06/18, 16] | .086 [06/22, 19] | .083 [08/18, 16] | .082 [06/19, 16] | .077 [07/04] | .084 [06/24] | .073 [07/10] | .078 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------------|----------|------|------|------|------|------|------|--------|------|--------|--------|------|
| Whiteface Mtn. Summit | 1567-03 | .042 | .040 | .039 | .044 | .041 | .041 | (.041) | .046 | (.046) | (.041) | .040 |
| Whiteface Mtn. Base | 1567-04 | .035 | .036 | .039 | .039 | .032 | .036 | .039 | .038 | .036 | .036 | .035 |
| Piseco Lake | 2050-01 | .028 | .030 | .031 | .032 | .029 | .031 | .031 | .031 | .031 | .029 | .030 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 2004 | 2005 | 2006 | Avg |
| Whiteface Mtn. Summit | 1567-03 | 8,242 | 94 | 0 | .081 [03/31, 20] | .081 [05/31, 21] | .081 [07/18, 01] | .077 [08/19, 07] | .077 [04/30] | .079 [10/04] | .071 [07/18] | .075 |
| Whiteface Mtn. Base | 1567-04 | 8,451 | 96 | 0 | .094 [06/17, 23] | .083 [06/18, 11] | .080 [03/31, 17] | .078 [05/31, 24] | .070 [06/07] | .073 [07/22] | .071 [07/18] | .071 |
| Piseco Lake | 2050-01 | 8,426 | 96 | 0 | .084 [03/31, 17] | .080 [06/18, 14] | .074 [05/25, 19] | .072 [04/12, 18] | .068 [09/22] | .074 [09/13] | .069 [05/25] | .070 |

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

N=NAMS (National Air Monitoring Station)

[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**

Cental Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Nick's Lake | 2167-03 | 1.0 | 0.9 | 0.7 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,307 | 95 | 8,183 | 0 | 9.2 [01/28, 13] | 9.1 [03/09, 05] | 8.3 [02/15, 11] | 349 | 0 | 5.5 [02/15] | 5.4 [12/06] | 4.5 [11/29] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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

N=NAMS (National Air Monitoring Station)

[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 2006
 (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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Utica (T) | 3202-01 | 361 | 37.6 [06/18] | 32.9 [07/10] | 29.7 [07/27] | 25.8 | 26.5 | 28.5 | 27 | 9.7 | 9.9 | 11.6 | 10.0 | 10.3 | 11.4 | 11.2 | 11.0 |
| Potsdam (F) | 4477-01 | 105 | 28.2 [07/10] | 20.6 [01/02] | 19.0 [07/04] | 19.0 | 26.8 | 20.8 | 22 | (7.2) | (4.2) | 7.8 | 4.5 | 5.9 | 8.3 | 7.2 | 7.1 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Perch River | 2223-01 | .034 | .034 | .035 | .036 | .029 | .041 | .040 | .036 | .032 | .034 | .030 |
| Camden | 3255-01N | .023 | .024 | .024 | .026 | .023 | .026 | .029 | .027 | .025 | .024 | .024 |
| Nick's Lake | 2167-03 | .028 | .028 | .028 | .029 | .027 | .029 | .029 | .029 | .028 | .029 | .027 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Perch River (Operated 03/24 - 11/07) | 2223-01 | 5,376 | 98 | 0 | .081 [06/17, 19] | .081 [08/01, 16] | .080 [08/18, 19] | .079 [05/31, 17] | .070 [04/29] | .083 [08/04] | .073 [07/17] | .075 |
| Camden (Operated 03/20 - 11/02) | 3255-01N | 5,218 | 95 | 0 | .078 [03/31, 14] | .076 [05/31, 18] | .076 [06/18, 14] | .074 [06/17, 18] | .067 [06/07] | .069 [08/04] | .063 [05/25] | .066 |
| Nick's Lake | 2167-03 | 8,473 | 97 | 0 | .081 [03/31, 15] | .075 [05/25, 17] | .072 [06/18, 14] | .071 [04/12, 17] | .064 [06/13] | .068 [04/20] | .067 [05/04] | .066 |

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)

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Camp Georgetown | 2655-01 | — | — | — | — | — | .002 | .002 | .002 | .002 | .002 | .002 |
| East Syracuse | 3353-09N | .003 | .002 | .002 | .002 | .003 | .003 | .003 | .003 | .003 | .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 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,563 | 98 | 8,440 | 0 | .024 [03/09, 02] | .022 [11/07, 07] | .017 [12/10, 06] | 362 | 0 | .011 [02/15] | .010 [02/02] | .010 [11/07] |
| East Syracuse | 3353-09N | 8,546 | 98 | 8,414 | 0 | .020 [11/07, 07] | .018 [11/07, 04] | .018 [11/29, 02] | 363 | 0 | .011 [11/07] | .011 [11/29] | .010 [12/06] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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

N=NAMS (National Air Monitoring Station)

[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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| East Syracuse (F) | 3353-09 | 57 | 22.3 [05/29] | 19.2 [02/22] | 17.7 [02/16] | 19.2 | 34.8 | 24.6 | 26 | 11.1 | 7.3 | 6.6 | 6.8 | 8.0 | 11.5 | 9.8 | 9.8 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Syracuse | 3301-22 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 |
| Syracuse | 3301-22 | 8,649 | 99 | 0 | 3.1 [02/16, 18] | 2.8 [01/23, 19] | 2.7 [02/16, 17] | 8,695 | 0 | 2.1 [02/16, 19] | 1.3 [11/27, 01] | 1.3 [11/22, 23] | 0 |

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

*New York and Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

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

[Date of Occurrence, Hour]

OZONE - Continuous UV Light Absorption

NYSDEC Region 7

Central Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Fulton/Granby | 3754-01 | --- | --- | --- | --- | --- | --- | --- | .035 | .031 | .034 | .031 |
| East Syracuse | 3353-09N | .024 | .025 | .025 | .027 | .024 | .027 | .028 | .025 | .023 | .028 | .026 |
| Camp Georgetown | 2655-01 | .031 | .031 | .031 | .034 | .030 | .033 | .034 | .033 | .030 | .033 | .031 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Fulton/Granby (oper. 03/31 - 11/01) | 3754-01 | 4,989 | 96 | 0 | .095 [06/17, 17] | .086 [05/31, 18] | .081 [03/31, 16] | .080 [05/29, 16] | .076 [06/07] | .079 [06/24] | .074 [05/29] | .076 |
| East Syracuse | 3353-09N | 8,481 | 97 | 0 | .084 [05/31, 16] | .081 [06/17, 19] | .077 [03/31, 17] | .076 [06/18, 12] | .066 [08/03] | .077 [06/02] | .071 [06/18] | .071 |
| Camp Georgetown | 2655-01 | 8,539 | 98 | 0 | .084 [03/31, 17] | .075 [05/04, 13] | .075 [06/17, 17] | .074 [06/18, 13] | .067 [06/08] | .074 [06/08] | .069 [05/04] | .070 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------------|----------|------|------|------|------|------|------|------|------|--------|------|------|
| Rochester (G-F Lakes) | 2701-08N | .008 | .007 | .008 | .005 | .006 | .008 | .005 | .006 | (.006) | xx | xx |
| Rochester (G-F Lakes) | 2701-01N | .010 | .010 | .010 | .007 | .006 | .006 | .005 | .005 | (.006) | xx | xx |
| Rochester (G-F Lakes) | 2701-22 | -- | -- | -- | -- | -- | -- | -- | -- | (.005) | .004 | .004 |
| Elmira (S. Tier West) | 0701-05 | .004 | .003 | .003 | .004 | .003 | .004 | .004 | .004 | .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 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,593 | 98 | 8,479 | 0 | .111 [07/13, 22] | .037 [05/29, 17] | .035 [06/01, 16] | 364 | 0 | .024 [07/13] | .011 [11/26] | .011 [12/21] |
| Elmira (S. Tier West) | 0701-05 | 8,591 | 98 | 8,486 | 0 | .047 [11/28, 19] | .031 [12/12, 17] | .023 [11/29, 04] | 364 | 0 | .014 [11/28] | .013 [11/29] | .012 [03/09] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|-----------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|--------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|--------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Rochester (F) | 2701-01 | xx | xx | xx | xx | xx | xx | (28.9) | xx | xx | xx | xx | xx | xx | xx | (11.7) | xx |
| Rochester (T) | 2701-01 | xx | xx | xx | xx | xx | xx | (18.9) | xx | xx | xx | xx | xx | xx | xx | (8.2) | xx |
| Rochester 2 (F) | 2701-22 | 119 | 29.2 [07/10] | 28.1 [05/29] | 25.6 [06/01] | 25.6 | 37.6 | (35.9) | 33 | 9.7 | 8.9 | 10.3 | 8.5 | 9.4 | 12.5 | (10.9) | 10.9 |
| Rochester 2 (T) | 2701-22 | 362 | 37.7 [05/31] | 34.7 [06/18] | 32.9 [05/30] | 28.6 | 33.2 | (33.8) | 32 | 8.9 | 10.4 | 12.6 | 8.9 | 10.2 | 11.9 | (11.4) | 11.2 |
| Rochester (F) | 2701-04 | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx | xx |
| Pinnacle (F) | 5001-04 | 344 | 38.3 [06/18] | 35.7 [07/26] | 34.6 [07/10] | 25.6 | 29.2 | 29.3 | 28 | 6.8 | 7.7 | 11.2 | 7.1 | 8.2 | 9.8 | 8.9 | 9.0 |
| Pinnacle (T) | 5001-04 | 341 | 42.2 [06/18] | 31.6 [07/26] | 30.6 [07/27] | 26.5 | -- | -- | -- | 8.0 | 9.3 | 12.7 | 8.3 | 9.6 | -- | -- | -- |

Sampling at 2701-04 was terminated on 03/31/03. FRM sampling at 2701-01 was suspended on 03/13/04; TEOM sampling at 2701-01 was suspended on 04/19/04.
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)

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **8**

Genesee-Finger Lakes Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------------|----------|------|------|------|------|------|------|------|------|-------|------|------|
| Rochester | 2701-08N | 0.5 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.5 | (0.5) | xx | xx |
| Rochester Downtown | 2701-01N | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | (0.5) | xx | xx |
| Rochester 2 | 2701-22 | -- | -- | -- | -- | -- | -- | -- | -- | (0.5) | 0.5 | 0.5 |

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 2006

| 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 | 8,198 | 94 | 0 | 2.2 [11/06, 22] | 2.1 [11/22, 21] | 2.0 [11/06, 19] | 8,134 | 0 | 1.8 [11/07, 01] | 1.8 [11/23, 03] | 1.4 [11/26, 24] | 0 |

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

*New York and Federal Ambient Air Quality Standard

N=NAMS (National Air Monitoring Station)

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

[Date of Occurrence, Hour]

OZONE - Continuous UV Light Absorption

NYSDEC Region 8

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

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------------|----------|------|------|------|--------|------|------|------|------|--------|------|------|
| Rochester (G-F Lakes) | 2701-08N | .023 | .024 | .025 | (.024) | .023 | .026 | .028 | .025 | (.025) | xx | xx |
| Rochester 2 (G-F Lakes) | 2701-22 | - | - | - | - | - | - | - | -- | (.019) | .023 | .024 |
| Williamson (G-F Lakes) | 5863-01N | .027 | .028 | .031 | .034 | .028 | .029 | .032 | .032 | .029 | .029 | .029 |
| Elmira (S. Tier West) | 0701-05 | .023 | .023 | .024 | .026 | .023 | .026 | .027 | .024 | .024 | .025 | .024 |
| Pinnacle (S. Tier West) | 5001-04 | - | - | - | - | - | - | - | -- | - | -- | .034 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Rochester 2 (G-F Lakes) | 2701-22 | 8,589 | 98 | 0 | .100 [05/31, 19] | .090 [05/29, 20] | .089 [05/30, 16] | .087 [06/17, 14] | .057 [09/04] | .080 [07/21] | .081 [06/17] | .072 |
| Williamson (G-F Lakes) (Operated 03/31 - 10/31) | 5863-01N | 5,059 | 98 | 0 | .084 [08/18, 18] | .083 [06/17, 15] | .076 [05/31, 21] | .073 [07/02, 18] | .065 [06/08] | .065 [05/10] | .065 [08/07] | .065 |
| Elmira (S. Tier West) | 0701-05 | 8,598 | 98 | 0 | .079 [03/31, 14] | .075 [05/04, 12] | .073 [06/17, 15] | .073 [08/18, 24] | .065 [07/01] | .069 [09/13] | .067 [08/18] | .067 |
| Pinnacle (S. Tier West) | 5001-04 | 8,362 | 96 | 0 | .084 [03/31, 15] | .082 [08/19, 01] | .079 [06/18, 06] | .078 [08/18, 24] | xx | xx | .070 [06/18] | --- |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Niagara Falls | 3102-09N | .008 | .005 | xxx |
| Niagara Falls | 3102-25 | --- | --- | .004 | .005 | .005 | .004 | .004 | .004 | .003 | .003 | .002 |
| Buffalo | 1401-18N | .008 | .007 | .007 | .007 | .007 | .007 | .006 | .005 | .003 | .004 | .003 |
| Lackawanna | 1402-01N | .006 | .006 | .007 | .006 | xxx |
| Tonawanda | 1472-04N | .007 | .012 | .009 | .010 | .010 | .010 | .011 | .009 | .008 | .006 | .004 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 |
| Niagara Falls | 3102-25 | 8,446 | 96 | 8,314 | 0 | .023 [03/09, 02] | .018 [01/28, 04] | .017 [12/12, 14] | 356 | 0 | .010 [11/26] | .009 [01/28] | .009 [03/08] |
| Buffalo | 1401-18N | 8,621 | 98 | 8,501 | 0 | .037 [04/10, 20] | .027 [02/22, 17] | .024 [11/28, 18] | 364 | 0 | .013 [01/28] | .012 [11/28] | .012 [11/26] |
| Tonawanda | 1472-04N | 8,531 | 97 | 8,424 | 0 | .109 [07/17, 17] | .097 [12/10, 01] | .093 [09/01, 16] | 357 | 0 | .042 [12/09] | .030 [12/10] | .019 [02/14] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region 9

Southern Tier West Air Quality Control Region

Annual Averages 1996 through 2006

Annual Arithmetic Mean (ppm) - Primary Standard

(12 month average not to exceed 0.03 PPM *)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Jamestown | 0602-07 | .008 | .007 | .008 | .008 | .008 | .009 | xxx | xxx | xxx | xxx | xxx |
| Dunkirk | 0601-04 | -- | -- | -- | .008 | .008 | .008 | .007 | .007 | .005 | .004 | .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 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,561 | 98 | 8,441 | 0 | .066 [12/23, 19] | .051 [03/15, 18] | .043 [10/02, 13] | 361 | 0 | .019 [12/23] | .015 [03/08] | .014 [11/28] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 1996 through 2006

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Westfield | 0675-01 | 5.2 | 4.5 | 5.2 | 5.2 | 5.2 | 4.8 | 4.1 | 4.3 | 3.5 | 3.5 | 2.7 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | One-Hour Averages | | Running 3-Hour 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 Non-Overlapping | | | 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 | 8,587 | 98 | 8,477 | 0 | 30.0 [03/08, 22] | 30.0 [11/28, 15] | 26.8 [01/28, 01] | 364 | 0 | 14.8 [11/28] | 14.1 [12/12] | 13.9 [03/08] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 1996 through 2006

Annual Arithmetic Mean (ug/m³)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 3 Yr Exp Val |
|--------------------------|----------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| Niagara Falls (NF) (W) | 3102-17N | 19 | 19 | 21 | xx |
| Niagara Falls (NF) (W) | 3102-25 | -- | -- | 24 | 20 | 17 | 18 | 17 | 17 | 17 | xx | xx | xx |
| Niagara Falls (NF) (R&P) | 3102-25 | -- | -- | -- | -- | -- | -- | -- | -- | 20 | 24 | 21 | 22 |
| N. Tonawanda (NF) (W) | 3103-07 | 22 | 20 | 21 | xx |
| Lewiston (NF) (W) | 3152-02 | 19 | 17 | 19 | xx |
| Jamestown (STW) (W) | 0602-04 | 17 | 18 | 18 | 20 | xx |
| Jamestown (STW) (W) | 0602-07 | (20) | 20 | 20 | 22 | xx |
| Westfield (STW) (W) | 0675-01 | 16 | 15 | 16 | 17 | 14 | 14 | 12 | 12 | 11 | 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 2006

| | | 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. | | 2004 | 2005 | 2006 | | | | | |
| Station | Site No. | Total Obs. | Value | Date | Value | Date | Value | Date | Mea | Est | Mea | Est | Mea | Est | Exp Avg |
| Niagara Falls (W) | 3102-25 | 116 | 65 | 04/11 | 49 | 01/23 | 47 | 02/07 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 |

(Annual Means in parentheses are based on less than 75% available data) N=NAMS (National Air Monitoring Station) Mea=Measured Est=Estimated [Date of Occurrence, Hour]
*New York and Federal Ambient Air Quality Standard W=Wedding Sampler R&P=R&P Model 2025 Sampler + 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 2006

(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 65 µg/m³ *)

| Station | Site No. | Total Obs. | Maximum Values | | | 98 th Percentile | | | | Quarterly Averages, 2006 | | | | Annual Mean | | | |
|------------------------|----------|------------|-----------------|-----------------|-----------------|-----------------------------|------|------|----------|--------------------------|-----------------|-----------------|-----------------|-------------|------|------|----------|
| | | | 1 st | 2 nd | 3 rd | 2006 | 2005 | 2004 | 3-yr avg | 1 st | 2 nd | 3 rd | 4 th | 2006 | 2005 | 2004 | 3-yr avg |
| Buffalo (NF) (F) | 1401-18 | 111 | 35.5 [05/29] | 28.7 [08/18] | 28.4 [07/10] | 28.4 | 39.7 | 32.8 | 34 | 11.9 | 10.7 | 12.9 | 8.3 | 11.0 | 14.7 | 12.6 | 12.8 |
| Buffalo (NF) (T) | 1401-18 | 340 | 39.2 [06/18] | 37.1 [05/29] | 35.6 [05/31] | 28.8 | 37.4 | 37.6 | 35 | 9.3 | 12.3 | 13.7 | 10.1 | 11.4 | 13.4 | 12.3 | 12.4 |
| Lackawanna (NF) (F) | 1402-14 | 117 | 33.8 [05/29] | 28.9 [07/10] | 28.2 [08/18] | 28.2 | 37.1 | 31.5 | 32 | 11.1 | 10.3 | 13.3 | 8.4 | 10.8 | 14.6 | 12.0 | 12.5 |
| Niagara Falls (NF) (F) | 3102-25 | 113 | 30.3 [08/27] | 30.1 [05/29] | 27.3 [07/10] | 27.3 | 43.3 | 30.1 | 34 | 11.2 | 9.9 | 12.3 | 8.5 | 10.5 | 14.0 | 11.2 | 11.9 |
| Niagara Falls (NF) (T) | 3102-25 | 363 | 39.2 [05/31] | 39.2 [06/18] | 35.4 [05/30] | 30.9 | 35.9 | 29.9 | 32 | 9.2 | 12.5 | 13.7 | 9.5 | 11.2 | 12.7 | 11.3 | 11.7 |
| Westfield (STW)(F) | 0675-01 | 116 | 24.8 [05/29] | 24.5 [08/18] | 24.3 [07/25] | 24.3 | 34.1 | 26.6 | 28 | 7.9 | 8.3 | 10.8 | 6.8 | 8.4 | 11.1 | 9.3 | 9.6 |

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

F = Federal Reference Method

T = TEOM (Tapered Element Oscillating Microbalance)

* 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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------|----------|------|------|------|------|------|------|-------|------|------|------|------|
| Niagara Falls | 3102-09N | 0.4 | 0.3 | 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 |
| Buffalo | 1401-18 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 |
| Buffalo Downtown | 1401-31N | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | (0.4) | xx | xx | xx | xx |

Sampling at 1401-31 was terminated on 03/24/2002.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 8,342 | 95 | 0 | 1.9 [12/30, 23] | 1.6 [12/30, 22] | 1.5 [01/13, 20] | 8,377 | 0 | 1.2 [11/25, 09] | 1.2 [12/31, 03] | 1.0 [10/27, 03] | 0 |
| Buffalo | 1401-18 | 8,216 | 94 | 0 | 6.1 [10/16, 08] | 4.2 [10/16, 07] | 2.9 [10/16, 06] | 8,260 | 0 | 3.0 [10/16, 10] | 1.6 [11/25, 24] | 1.3 [10/27, 02] | 0 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Middleport | 3120-02N | .029 | .028 | .031 | .033 | .028 | .030 | .034 | .034 | .030 | .036 | .032 |
| Amherst | 1451-03N | .023 | .023 | .028 | .028 | .026 | .028 | .031 | .028 | .028 | .030 | .028 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| 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 | 2004 | 2005 | 2006 | Avg |
| Middleport (Operated 04/27 - 11/09) | 3120-02N | 4,581 | 97 | 0 | .093 [08/18, 15] | .089 [06/17, 14] | .086 [07/01, 16] | .082 [07/17, 20] | .078 [06/07] | .090 [06/24] | .075 [07/26] | .081 |
| Amherst | 1451-03N | 8,575 | 98 | 0 | .093 [07/16, 23] | .093 [08/18, 15] | .090 [06/17, 20] | .090 [07/01, 15] | .077 [08/18] | .090 [06/08] | .083 [07/16] | .083 |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006

Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Westfield | 0675-01 | .034 | .034 | .036 | .036 | .033 | .035 | .038 | .034 | .033 | .035 | .034 |
| Dunkirk | 0604-01 | --- | --- | --- | .036 | .031 | .032 | .034 | .033 | .032 | .033 | .033 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 2004 | 2005 | 2006 | Avg |
| Westfield | 0675-01 | 8,601 | 98 | 0 | .099 [06/05, 16] | .096 [06/17, 24] | .093 [05/31, 18] | .089 [06/18, 01] | .073 [05/13] | .077 [06/07] | .076 [06/18] | .075 |
| Dunkirk | 0604-01 | 8,552 | 98 | 0 | .099 [05/30, 19] | .095 [05/31, 18] | .093 [07/26, 19] | .089 [07/16, 20] | .085 [05/13] | .089 [06/07] | .084 [05/30] | .086 + |

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

N=NAMS (National Air Monitoring Station)

[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 1996 through 2006 Nitric Oxide - Annual Arithmetic Mean (ppm)

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Buffalo | 1401-18 | .024 | .018 | .021 | .021 | .021 | .018 | .015 | .019 | .015 | .016 | .012 |
| Amherst | 1451-03 | .010 | .008 | .008 | .007 | .008 | .006 | .005 | .006 | .005 | .006 | .003 |

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

| Station | Site No. | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------|----------|------|------|------|------|------|------|------|------|------|------|------|
| Buffalo | 1401-18N | .022 | .020 | .021 | .022 | .022 | .021 | .020 | .020 | .018 | .019 | .016 |
| Amherst | 1451-03N | .016 | .016 | .015 | .016 | .015 | .015 | .013 | .013 | .012 | .013 | .011 |

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2006

| | | 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 | 8,410 | 96 | .438 [11/28, 08] | .392 [10/02, 08] | .368 [10/09, 08] | 8,410 | 96 | .081 [11/28, 08] | .074 [10/09, 08] | .069 [05/25, 08] |
| Amherst | 1451-03 | 8,504 | 97 | .147 [03/06, 08] | .120 [03/06, 07] | .119 [10/02, 09] | 8,504 | 97 | .057 [03/30, 02] | .054 [03/30, 01] | .054 [03/30, 03] |

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

N=NAMS (National Air Monitoring Station)

[Date of Occurrence, Hour]

*New York and Federal Ambient Air Quality Standard

+ 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 | 1401-29N | 0.03 | 0.03 | 0.03 | 0.03 | xxx | xxx | xxx | xxx | xxx | xxx | xx |
| Buffalo | 1401-32N | (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)

N=NAMS (National Air Monitoring Station)
 + Denotes a contravention of New York State/Federal AAQS