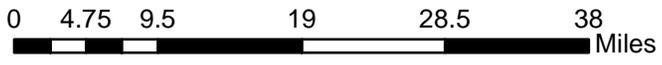
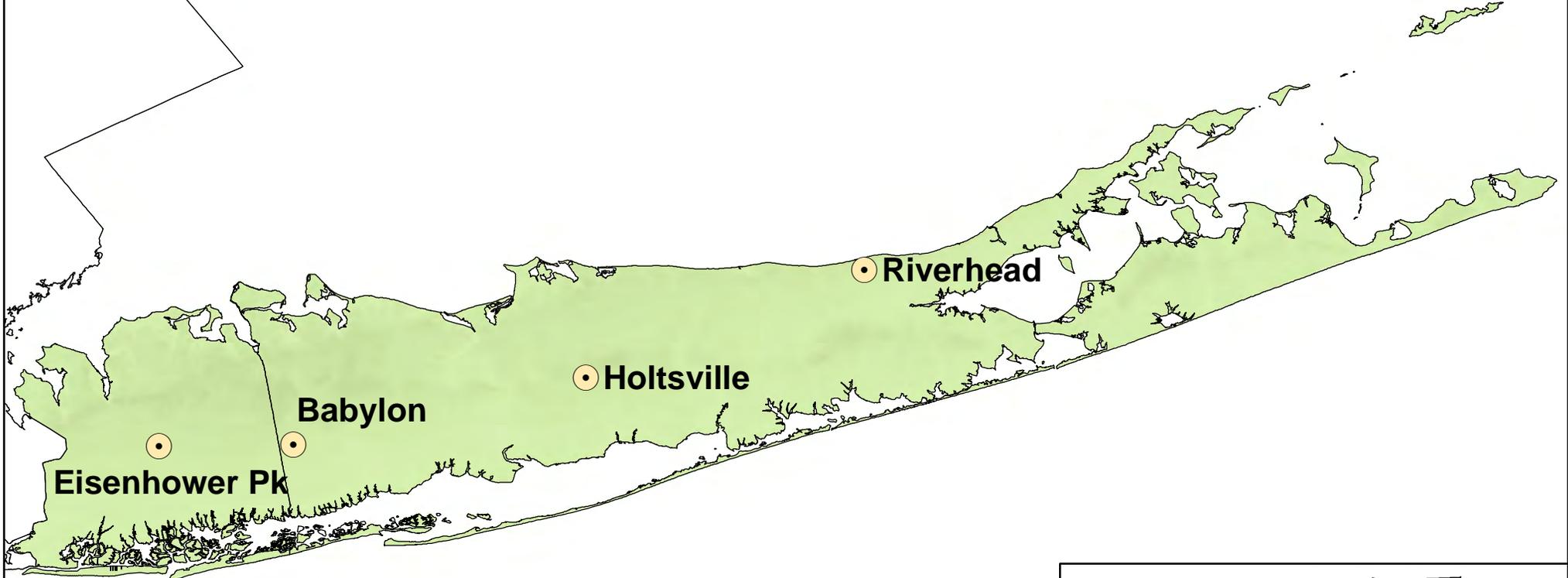
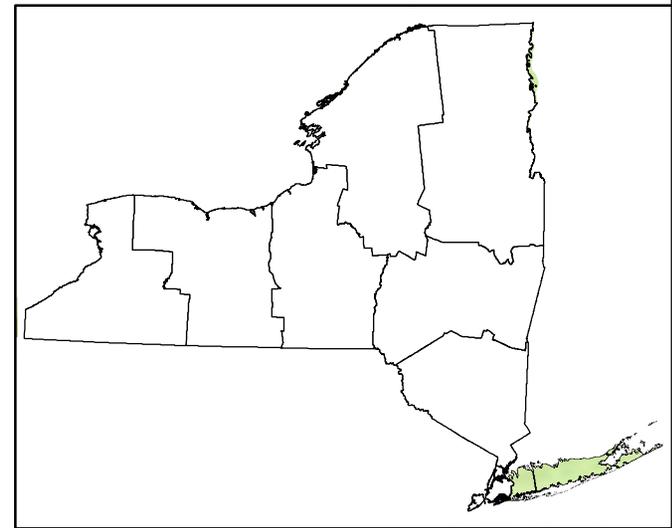


Region 1



**Department of
Environmental
Conservation**



SULFUR DIOXIDE - Continuous Pulsed Fluorescence

Annual Averages 2006 through 2016
 Annual Arithmetic Mean (ppb) - Primary Standard
 (12-month average not to exceed 30 PPB *)

Station	Site No.	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Eisenhower Park	2950-10	3.86	3.73	4.72	3.45	2.09	1.97	(1.15)	(1.12)	1.35	1.03	0.4
Holtsville	5151-10	3.74	4.54	4.82	3.81	3.95	2.22	(1.03)	(1.2)	0.84	0.77	0.39

Holtsville site (5151-10) was operated by Suffolk County Health Dept. until 9/30/10, when NYSDEC commenced monitoring.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		One Hour Averages average of 99 th percentile for last 3 years not to exceed 75 PPB *					
		Observations		99 th Percentile, PPB			
Station	Site No.	Total Obs.	% Avail	2014	2015	2016	3-yr Avg.
Eisenhower Park	2950-10	8,635	98	9.6	6	6.5	7.37
Holtsville	5151-10	8,113	93	10.2	7.1	3.7	7.00

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

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (PM_{2.5}) - Rupprecht & Patashnick Sampler

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

(Average of last 3 years' annual means not to exceed 12 µg/m³ *;
and average of 98th percentile for last 3 years not to exceed 35 µg/m³ *)

Station	Site No.	Total Obs.	Maximum Values, µg/m ³			98th Percentile, µg/m ³				Quarterly Averages, 2016				Annual Mean, µg/m ³			
			1 st	2 nd	3 rd	2014	2015	2016	3-yr Avg.	1 st	2 nd	3 rd	4 th	2014	2015	2016	3-yr Avg.
Eisenhower Park (C)	2950-10	355	19.2 [05/26]	17.8 [03/10]	17.6 [05/25]	19.2	17.8	16	17.5	8.6	5	5.1	7.0	7.9	7.3	6.4	7.2
Babylon (F)	5150-02	104	19.0 [01/07]	16.7 [03/07]	14.9 [03/10]	20.0	21.5	15	18.8	6.1	5.8	6.8	7.2	7.5	7.4	6.5	7.1
Holtsville (C)	5151-10	353	19.2 [05/26]	16.9 [03/10]	15.2 [06/23]	18.6	18.3	14	17.1	8.3	4.8	4.9	6.4	7.1	7.7	6.1	7.0

(F) = Federal Reference Method

(C) = Continuous, used for Air Quality Index (AQI) calculations

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

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		8-hr Running Average Begin Hour							4th Highest Daily Maximum 8-Hour Average-			
		Observations			Daily Highest Values, PPM				Not to exceed an avg of 0.075 ppm during the last 3 years, <i>changed</i> to 0.070 ppm beginning 1/1/2016*			
Station	Site No.	Total Obs.	% Avail	Days >.070 PPM	1st	2nd	3rd	4th	2014	2015	2016	Avg.
Babylon	5150-02	5,935	93	4	0.085 [05/25]	0.076 [07/15]	0.073 [05/26]	0.073 [06/21]	0.066 [08/27]	0.079 [07/20]	0.073 [06/21]	0.073
Holtsville	5151-10	6,040	96	5	0.081 [05/25]	0.076 [05/26]	0.075 [07/15]	0.073 [06/21]	0.062 [08/05]	0.063 [09/18]	0.073 [06/21]	0.066
Riverhead (Seasonal)	5155-01	3,823	96	7	0.085 [05/25]	0.079 [05/26]	0.079 [06/16]	0.078 [07/15]	0.064 [05/26]	0.076 [08/15]	0.078 [07/15]	0.073

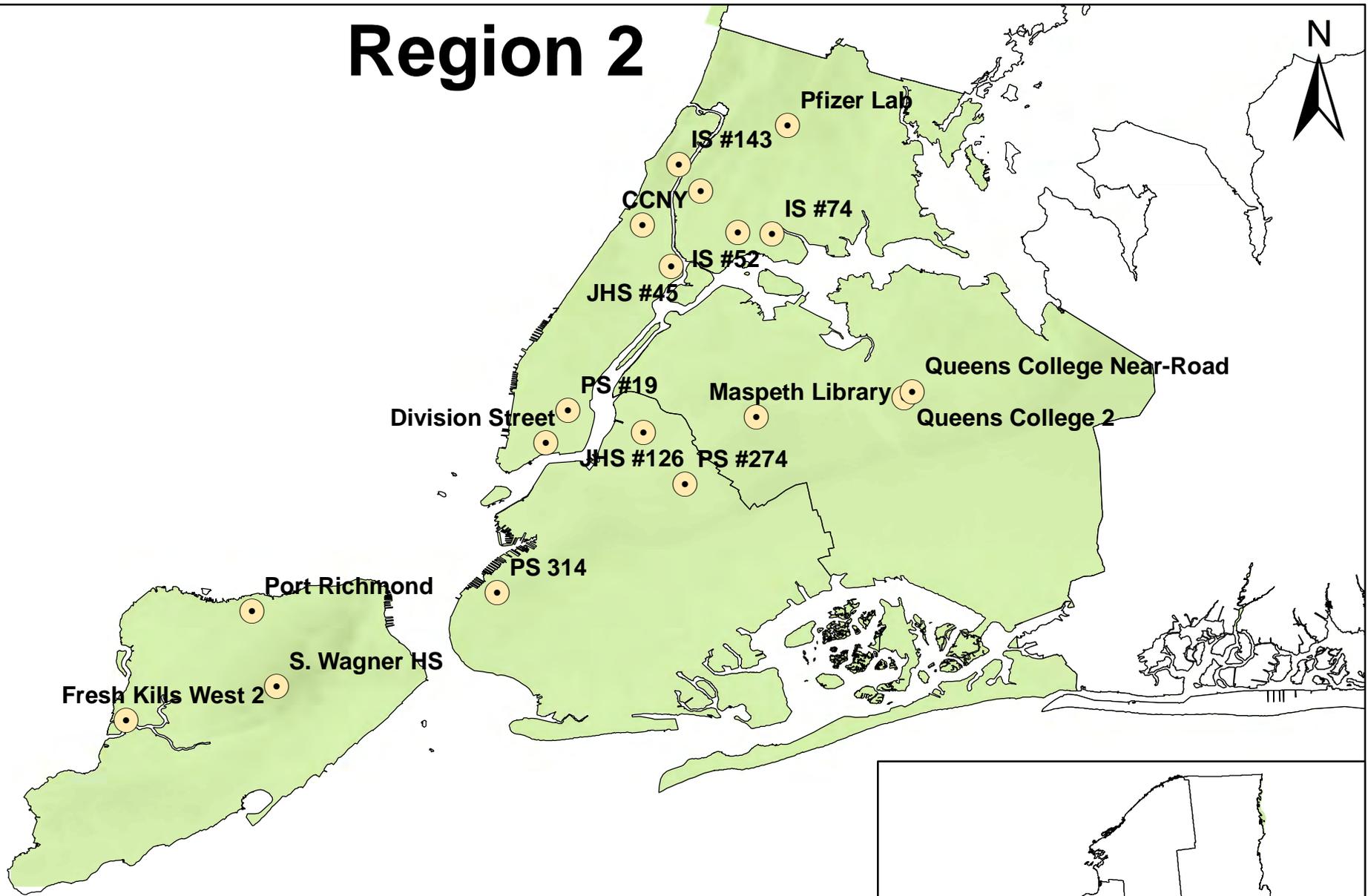
(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

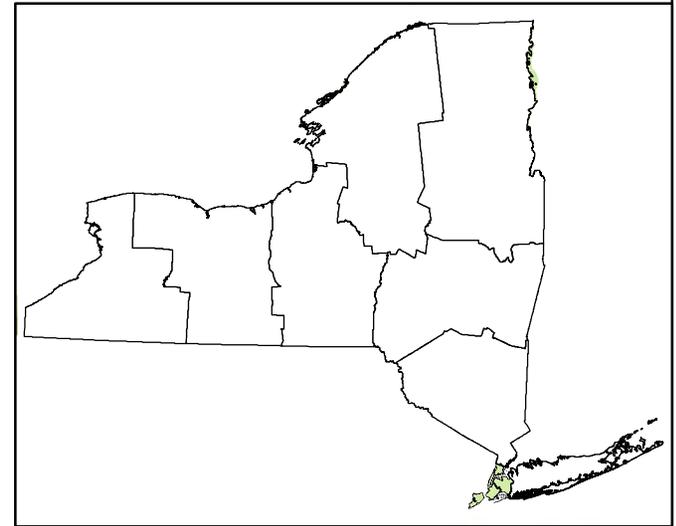
[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

Region 2



Department of
Environmental
Conservation



CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region 2

Annual Averages 2002 through 2012 Annual Arithmetic Mean (ppm)

Station	Site No.	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
PS 59	7093-10	0.7	(0.8)	0.7	0.6	0.6	0.6	(0.5)	xx	xx	xx	xx
CCNY	7093-25	---	---	---	---	---	---	0.4	0.6	0.5	0.4	0.4
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06/7094-10	0.7	0.8	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.4	0.4
Queens College 2	7096-15	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.3	0.2

Sampling was terminated at 7093-10 on 07/01/08; sampling commenced at 7093-25 on 07/09/08.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2012

		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	1st	2nd	3rd	Total	>9 PPM	1st	2nd	Days > 9PPM
CCNY	7093-25	7,944	90	0	3.2 [07/25, 10]	2.2 [04/05, 12]	2.0 [10/18, 07]	7,921	0	1.3 [03/20, 07]	1.3 [10/18, 08]	0
Botanical Gardens (Pfizer Lab)	7094-10	8,750	100	0	2.4 [12/15, 06]	2.1 [10/18, 07]	1.8 [12/03, 21]	8,746	0	1.6 [10/18, 07]	1.5 [12/07, 18]	0
Queens College 2	7096-15	8,492	97	0	1.7 [11/30, 08]	1.7 [12/03, 20]	1.5 [10/18, 07]	8,342	0	1.1 [03/17, 02]	1.1 [11/11, 07]	0

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

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

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

CARBON MONOXIDE - Continuous Gas Filter Correlation

NYSDEC Region 2

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2013

		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	1st	2nd	3rd	Total	>9 PPM	1st	2nd	Days> 9PPM
CCNY	7093-25	8,432	96	0	1.8 [12/20, 03]	1.8 [12/20, 04]	1.6 [01/09, 07]	8,431	0	1.5 [12/20, 08]	1.2 [06/10:02]	0
Botanical Gardens (Pfizer Lab)	7094-10	8,579	98	0	2.1 [12/20, 07]	2.0 [02/11, 12]	1.8 [01/09, 10]	8,613	0	1.5 [12/20, 08]	1.3 [01/09, 11]	0
Queens College 2	7096-15	8,642	96	0	2.0 [01/09, 08]	1.9 [01/09, 07]	1.6 [01/09, 06]	8,283	0	1.4 [01/09, 11]	1.0 [02/11, 20]	0

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

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

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

CARBON MONOXIDE - Continuous Gas Filter Correlation

NYSDEC Region 2

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2014

		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	1st	2nd	3rd	Total	>9 PPM	1st	2nd	Days> 9PPM
CCNY	7093-25	8,341	95	0	2.6 [01/15, 08]	1.9 [01/10, 17]	1.8 [01/10, 18]	8,357	0	1.6 [01/10, 21]	1.3 [01/10, 17]	0
Botanical Gardens (Pfizer Lab)	7094-10	7900	90	0	2.4 [11/27, 09]	2.2 [02/04, 04]	2.0 [01/09, 08]	8,512	0	1.5 [09/28, 03]	1.3 [02/02, 05]	0
Queens College 2	7096-15	8,432	96	0	1.9 [11/10, 05]	1.9 [12/31, 00]	1.6 [01/10, 04]	8,309	0	1.1 [02/01, 08]	1.1 [11/10, 07]	0

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

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

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

CARBON MONOXIDE - Continuous Gas Filter Correlation

NYSDEC Region 2

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2015

		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	1st	2nd	3rd	Total	>9 ppm	1st	2nd	Days> 9 ppm
CCNY	7093-25	8,405	96	0	2.7 [03/10, 08]	2.3 [03/10, 07]	2.1 [03/10, 09]	8,446	0	1.8 [03/10, 11]	1.5 [12/02, 16]	0
Botanical Gardens (Pfizer Lab)	7094-10	8,640	99	0	2.1 [02/04, 19]	2.0 [03/10, 07]	1.9 [01/28, 17]	8,709	0	1.6 [01/29, 00]	1.6 [03/10, 08]	0
Queens College 2	7096-15	8,497	97	0	2.1 [03/10, 07]	1.9 [03/10, 08]	1.8 [11/04, 00]	8,343	0	1.2 [03/10, 08]	1.4 [11/03, 07]	0

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

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

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

CARBON MONOXIDE - Continuous Gas Filter Correlation

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		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	1st	2nd	3rd	Total	>9 PPM	1st	2nd	Days> 9PPM
CCNY	7093-25	8,227	94	0	1.73 [01/06, 08]	1.68 [01/06, 07]	1.54 [01/06, 06]	8,263	0	1.5 [01/06, 09]	1.2 [01/06, 13]	0
Botanical Garden (Harding Lab/Pfizer Lab)	7094-10	8,706	94	0	1.86 [05/26, 08]	1.76 [03/16, 07]	1.73 [10/13, 07]	8,754	0	1.1 [01/07, 22]	1 [03/09, 13]	0
Queens College 2	7096-15	8,423	96	0	1.59 [01/07, 20]	1.53 [01/07, 08]	1.46 [01/07, 19]	8,343	0	1.2 [03/10, 08]	1.4 [11/03, 07]	0

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

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

NITROGEN DIOXIDE - Continuous Chemiluminescence

Annual Averages 2006 through 2016
 Annual Arithmetic Mean (PPB) - Primary Standard
 (12 month average not to exceed 53 PPB *)

Station	Site No.	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Botanical Garden (Harding Lab/Pfizer Lab)	7094-10/ 7094-06	24.82	24.55	22.91	21.85	20.1	20.86	18.6	18.37	17.2	17.16	15.59
IS 52	7094-07	26.46	25.65	25.18	24.57	(24.94)	xx	(20.8)	20.67	19.88	20.13	18.27
Queens College 2	7096-15	23.46	22.94	22.51	20.91	19.28	(21.62)	17.5	17.5	16.75	17.16	15.81

Sampling was terminated at 7093-10 on 06/30/08. Sampling was suspended at 7094-07 on 06/24/10 due to building construction, and resumed on 08/10/13.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		One-Hour Averages - average of 98th percentile for last 3 years not to exceed 75 PPB *								
		Observations		98th Percentile, PPB				Highest Values, PPB		
Station	Site No.	Total	% Avail	2014	2015	2016	3-yr avg.	1st	2nd	3rd
Botanical Garden (Harding Lab/Pfizer Lab)	7094-10/ 7094-06	8,643	98	56.2	60.7	55.8	57.6	89.4 [03/09, 12]	80.2 [03/09, 19]	79.5 [03/09, 20]
IS 52	7094-07	8,593	98	64.9	67.6	60.1	64.3	75.9 [03/09, 19]	73.5 [03/09, 20]	71.5 [03/09, 10]
Queens College 2	7096-15	8,320	95	58.5	63.4	57.1	64.3	69.8 [03/10, 19]	68.5 [01/07, 20]	66.0 [01/07, 19]

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

LEAD -PM₁₀ Samplers

NYSDEC Region 2

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2014

		24-Hour Concentrations - µg/m ³								THREE MONTH ROLLING AVERAGES Maximum not to exceed 0.15 µg/m ³ , effective beginning 1/1/13 * (the old standard of 1.5 µg/m ³ will remain in force until that date)		
				Maximum		2nd Max.		3rd Max.		Highest Values, µg/m ³		
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	2012	2013	2014
Morrisania	7094-05	xx	xx	xx	xx	xx	xx	xx	xx	--	xx	xx
IS 52	7094-07	56	92	.0074	01/17	.0063	03/12	.0063	07/22	--	0.005	0.004

Sampling at 7094-05 was terminated on 06/30/12 and monitor moved back to 7094-07.

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

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

LEAD -PM₁₀ Samplers

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		24-Hour Concentrations - µg/m ³								THREE MONTH ROLLING AVERAGES		
				Maximum		2nd Max.		3rd Max.		Highest Values, µg/m ³		
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	2014	2015	2016
IS 52	7094-07	56	92	0.0161	25-Jan	0.0134	7-Jan	0.0082	23-Jun	0.004	0.0061	0.0047

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

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

NYSDEC Region **2**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2014

		24-Hour Concentrations - $\mu\text{g}/\text{m}^3$							# of Days > 150 $\mu\text{g}/\text{m}^3$ - Not to exceed an expected avg of one per year during the last 3 years *						
		Maximum		2nd Max.		3rd Max.			2012		2013		2014		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp. Avg.
PS 19	7093-21	30	51	02/01	45	03/12	36	02/19	0	0.0	0	0.0	0	0.0	0.0
Division Street	7093-24	110	60	02/01	37	09/29	35	02/19	0	0.0	0	0.0	0	0.0	0.0
IS 52	7094-07	60	38	03/12	29	01/05	28	01/29	0	0.0	0	0.0	0	0.0	0.0
Queens College 2	7096-15	55	36	03/12	26	04/11	25	06/03	0	0.0	0	0.0	0	0.0	0.0

Sampling at 7093-21 was terminated on 03/31/2014

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

* Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of Federal AAQS

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

NYSDEC Region **2**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2015

		24-Hour Concentrations - $\mu\text{g}/\text{m}^3$							# of Days > 150 $\mu\text{g}/\text{m}^3$ - Not to exceed an expected avg of one per year during the last 3 years *						
		Total Obs.	Maximum		2nd Max.		3rd Max.		2013		2014		2015		Exp. Avg.
Station	Site No.		Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	
Division Street	7093-24	60	45	06/11	44	09/03	39	10/21	0	0.0	0	0.0	0	0.0	0.0
IS 52	7094-07	60	42	06/11	39	03/25	39	09/03	0	0.0	0	0.0	0	0.0	0.0
Queens College 2	7096-15	58	40	09/03	38	06/11	31	03/07	0	0.0	0	0.0	0	0.0	0.0

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

* Federal Ambient Air Quality Standard

Mea=Measured

Est=Estimated

+ Denotes a contravention of Federal AAQS

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

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2016

		24-Hour Concentrations - $\mu\text{g}/\text{m}^3$							# of Days > 150 $\mu\text{g}/\text{m}^3$ - Not to exceed an expected avg of one per year during the last 3 years *						
		Maximum		2nd Max.		3rd Max.			2014		2015		2016		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp. Avg.
Division Street	7093-24	58	48	7-Jan	34	23-Jun	32	12-May	0	0	0	0	0	0	0
IS 52	7094-07	57	37	7-Jan	32	7-May	30	7-Mar	0	0	0	0	0	0	0
Queens College 2	7096-15	57	44	7-Jan	31	25-May	27	25-Mar	0	0	0	0	0	0	0

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

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS



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ICIS-Air

List of Facilities Reporting to ICIS-Air in Envirofacts



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Plant Name	Plant Street Address	Plant City	County Name	State Abbreviation	Zip Code	LATITUDE/LONGITUDE	Operating Status
BEST ALL		GREAT NECK	NASSAU	NY	110241947	Latitude: 40.806003 Longitude: -73.734983	Operating

No longer exists. Replaced by Atrium Apartments office use.

CONNIE FRENCH CLEANER S INC. Plant Report	801 MIDDLE NECK RD	GREAT NECK	NASSAU	NY	11024	Latitude: 40.80887 Longitude: -73.73572	OPR: Operating
FRENCH WAY CLEANER S & TAILORS Plant Report	569 MIDDLE NECK RD	GREAT NECK	NASSAU	NY	11024	Latitude: 40.801513 Longitude: -73.735474	OPR: Operating
GREAT NECK CLEANER S Plant Report	723 MIDDLE NECK ROAD	GREAT NECK	NASSAU	NY	11024-1935	Latitude: 40.80656 Longitude: -73.735282	OPR: Operating
MOBIL# 11622 Plant Report	788 MIDDLE NECK RD	GREAT NECK	NASSAU	NY	11024-1931	Latitude: 40.80859 Longitude: -73.73561	OPR: Operating
SHELL OIL Plant Report	208 MIDDLE NECK RD	GREAT NECK	NASSAU	NY	11024-1935	Latitude: 40.79454 Longitude: -73.7338	OPR: Operating
SOWA DRY CLEANING & LAUNDRY Plant Report	175 MIDDLE NECK RD	GREAT NECK	NASSAU	NY	11021	Latitude: 40.793618 Longitude: -73.733277	OPR: Operating

No longer exists.

No longer exists. Replaced by 7/11 convenient store use (no gasoline station)

Not in study area

Not in study area

Total Facilities Returned: 7

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