

### 3.2 Southern Monitoring Site Listings

Table 3.2 Location Listing for Southern Monitoring Sites

DEC Region	AIRS #	DEC #	Site Name	County	Location
1	36-059-0005	2950-10	Eisenhower Park	Nassau	740 Merrick Avenue
1	36-059-0008	2950-18	Hempstead	Nassau	Lawrence High School, Arlington Pl
1	36-103-0002	5150-02	Babylon	Suffolk	72 Gaza Blvd - Water Authority
1	36-103-0009	5150-10	Holtsville	Suffolk	57 Division St. Sagamore Junior High
1	36-103-0004	5155-01	Riverhead	Suffolk	39 Sound Avenue
2	36-005-0080	7094-05	Morrisania II	Bronx	Family Care Ctr, 1225-57 Gerard Ave
2	36-005-0083	7094-06	NY Botanical Gardens Harding Laboratory	Bronx	200th Street & Southern Boulevard
2	36-005-0110	7094-07	IS 52	Bronx	681 Kelly Street, E 156th Street
2	36-005-0112	7094-08	IS 74	Bronx	730 Bryant Avenue
2	36-005-0113	7094-09	PS 154	Bronx	333 East 135th Street
2	36-005-0133	7094-10	NY Botanical Gardens Pfizer Plant Research Lab	Bronx	200th Street & Southern Boulevard
2	36-047-0052	7095-07	PS 314	Kings	330 59th Street
2	36-047-0122	7095-43	JHS 126	Kings	424 Leonard Street
2	36-047-0121	7095-44	IS 293	Kings	284 Baltic St.
2	36-047-0118	7095-98	PS 274	Kings	800 Bushwick Ave
2	36-061-0079	7093-08	JHS 45	New York	2351 1st Avenue
2	36-061-0077	7093-12	Madison Ave	New York	400 Madison Avenue (bet 47 & 48 St)
2	36-061-0115	7093-15	IS 143	New York	511 W 182nd Street
2	36-061-0119	7093-17	Manhattanville PO	New York	365 W 125th Street
2	36-061-0125	7093-18	Park Row	New York	1 Pace Plaza
2	36-061-0128	7093-21	PS 19	New York	185 1st Avenue
2	36-061-0134	7093-24	Division Street	New York	Division Street
2	36-061-0135	7093-25	CCNY	New York	160 Convent Avenue
2	36-081-0120	7096-13	Maspeth Library	Queens	69-70 Grand Avenue
2	36-081-0124	7096-14	PS 219	Queens	144-39 Gravett Rd (Kew Gardens)
2	36-081-0124	7096-15	Queens College II	Queens	NYSDEC Monitoring Building
2	36-085-0067	7097-01	Susan Wagner	Richmond	1200 Manor Road (near Brielle Ave)
2	36-085-0055	7097-03	Port Richmond	Richmond	364 Port Richmond Avenue
2	36-085-0111	7097-17	Fresh Kills West	Richmond	310 West Service Road
2	36-085-0114	7097-18	PS 44	Richmond	80 Maple Parkway
2	36-085-0132	7097-20	La Tourette	Richmond	1001 Richmond Hill Rd.
3	36-119-2004	5902-04	White Plains	Westchester	Water District Pumping Station
3	36-119-1002	5956-01	Mamaroneck	Westchester	627 5th Ave near St. Police Barracks

**BABYLON**  
**36-103-0002**



**Farmingdale Water District**  
**72 Gazza Blvd.**  
**Babylon, NY 11735**

## Babylon

Address: Farmingdale Water District  
72 Gazza Blvd.  
Babylon, NY 11735

AQS Number: 36-103-0002  
DEC Number: 5150-02  
New York State County: Suffolk  
Statistical Area: New York City Metropolitan Area  
Coordinates: 40.74529 N 73.41919 W

The Babylon air monitoring station was originally established in the 1970's as a continuous sulfur dioxide and ozone site. Located on Long Island, downwind from New York City, the site continues to measure urban ozone levels in the New York City metropolitan area.

In 1999 a Federal Reference Method fine particulate (PM<sub>2.5</sub>) sampler was added to the site. This PM<sub>2.5</sub> monitor is part of the overall PM<sub>2.5</sub> monitoring network used for comparison to the National Ambient Air Quality Standards.

The ozone data are reported to the AirNow system.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
PM <sub>2.5</sub>	Low volume FRM R&P 2025 Method 118	Gravimetric	1 day in 3

**CCNY**  
**36-061-0135**



**City College of New York**  
**The City University of New York**  
**Administration Building**  
**160 Convent Avenue**  
**New York, NY 10031**

## CCNY

Address: City College of New York  
Administration Building  
160 Convent Avenue  
New York, NY 10031

AQS Number: 36-061-0135  
DEC Number: 7093-25  
New York State County: New York  
Statistical Area: New York City Metropolitan Area  
Coordinates: 40.81976 N 73.94825 W

The City College of New York - CCNY air monitoring site was established during the summer of 2007. This site includes an ozone analyzer and a continuous fine particulate (PM<sub>2.5</sub>) sampler. Fine particulate monitoring utilizes a PM<sub>2.5</sub> R&P Tapered Element Oscillating Microbalance (TEOM).

In addition to Department monitoring equipment the CCNY School of Engineering operate ambient air monitoring equipment in the same location. Data from this equipment are not reported or certified by the Department.

Data from this site is reported to the AirNow system.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
Carbon Monoxide	TEI 48C Method 054	Non Dispersive Infrared	Continuous
PM <sub>2.5</sub>	R & P TEOM 1400a Method 702	TEOM 50°C Gravimetric	Continuous

**DIVISION STREET**  
**36-061-0134**



**New York City Department of Education**  
**Public School 124**  
**40 Division Street**  
**New York, NY 10002**

## Division Street

Address: New York City Department of Education  
 Public School 124  
 40 Division Street  
 New York, NY 10002

AQS Number: 36-061-0134  
 DEC Number: 7093-24  
 County: New York  
 Statistical Area: New York City Metropolitan Area  
 Coordinates: 40.71436 N 73.99518 W

This site was established in September 2006. Initially the site contained a continuous fine particulate (PM<sub>2.5</sub>) Tapered Element Oscillating Microbalance (TEOM). In March 2007, the FRM PM<sub>2.5</sub>, PM<sub>10</sub> and MetOne Speciation samplers were added following the emergency shut down of the Canal Street Post Office (36-061-0062). Reference EPA letter: Ruvo to Lavin dated: March 14, 2007. The URG 3000 Carbon sampler was added in May 2007.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
PM <sub>2.5</sub>	R & P TEOM 1400 Method 702	TEOM 50°C Gravimetric	Continuous
	R&P Partisol 2025 Method 118	Gravimetric	1 day in 3
PM <sub>2.5</sub> Speciation	Met One SASS Method 811	XRF	1 day in 3
Carbon	URG 3000 Method 838	IMPROVE TOR	1 day in 3
PM <sub>10</sub>	R&P Partisol 2025 Method 127	Gravimetric	1 day in 3

**EISENHOWER PARK**  
**36-059-0005**



**Nassau County Parks, Recreation and Museums**  
**Eisenhower Park**  
**740 Merrick Avenue**  
**East Meadow, NY 11554**

## Eisenhower Park

Address: Nassau County Park, Recreation and Museums  
 Eisenhower Park  
 740 Merrick Avenue  
 East Meadow, NY 11554

AQS Number: 36-059-0005  
 DEC Number: 2950-10  
 New York State County: Nassau  
 Statistical Area: New York City Metropolitan Area  
 Coordinates: 40.74316 N 73.58549 W

The Eisenhower Park air monitoring station was originally established as a Nassau County Health Department air monitoring site. This site was operated by a Nassau County Health Department employee with operational and quality assurance support from the New York State Department of Environmental Conservation until 2000 when the Department took over complete control of the site.

The continuous fine particulate (PM<sub>2.5</sub>) monitoring data from this site are reported to AirNow.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Oxides of Nitrogen (NO, NO <sub>2</sub> , NO <sub>x</sub> )	TEI 42C Method 074	Chemiluminescence	Continuous
Sulfur Dioxide	TEI 43C Method 060	Pulsed Fluorescence	Continuous
PM <sub>2.5</sub>	R & P TEOM 1400 Method 702	TEOM 50°C Gravimetric	Continuous
Meteorological	Method 020		Continuous
Acid Deposition	Hyteometer	DEC Laboratory	Weekly Collection
Precipitation	Belfort Rain Guage		Continuous
Relative Humidity	Method 011		Continuous
Temperature	Method 040		Continuous
Barometric Pressure	Method 011		Continuous

## **FRESH KILLS WEST**

**36-085-0111**



**310 West Service Road**  
**Fresh Kills Landfill**  
**Staten Island, NY 10314**

**Fresh Kills West**

Address: 310 West Service Road  
 Fresh Kills Landfill  
 Staten Island, NY 10314

AQS Number: 36-085-0111  
 DEC Number: 7097-17  
 New York State County: Richmond  
 Statistical Area: New York City Metropolitan Area  
 Coordinates: 40.58027 N 74.19832 W

The Fresh Kills West air monitoring station was established in July 1999 as part of an air quality study of the Fresh Kills Landfill and the start up of the methane gas flare at the landfill. Following the end of the Landfill study, the Fresh Kills West site became part of the Department's core ambient air monitoring program.

The continuous fine particulate (PM<sub>2.5</sub>) monitoring data from this site are reported to AirNow.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
PM <sub>2.5</sub>	R & P TEOM 1400a Method 702	TEOM 50°C Gravimetric	Continuous
NMOC (Methane/Non CH <sub>4</sub> )	Method 160 Method 161	Flame Ionization	Continuous
Toxics	Canister Method 150	GC/MS	1 in 6 days
Carbonyl	DNPH Cartridge Method 202	HPLC - Ultraviolet Absorption	1 in 6 days
Meteorological	Climatronics Sonic Method 020		Continuous
Barometric Pressure	Spectra 276 Method 011		Continuous

**HEMPSTEAD**  
**36-059-0008**



**Lawrence High School**  
**Arlington Place**  
**Cedarhurst, NY 11516**

## Hempstead

Address: Lawrence High School  
Arlington Place  
Cedarhurst, NY 11516

AQS Number: 36-059-0008  
DEC Number: 2950-18  
New York State County: Nassau  
Statistical Area: New York City Metropolitan Area  
Coordinates: 40.63103 N 73.73388 W

The Hempstead air monitoring station was originally established in 1980 as a Hi-Volume PM<sub>10</sub> site. The PM<sub>10</sub> sampling was discontinued and in 1999 the site was established as a Federal Reference Method fine particulate (PM<sub>2.5</sub>) site. This PM<sub>2.5</sub> sampler is part of the overall PM<sub>2.5</sub> monitoring network used for comparison to the National Ambient Air Quality Standards.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
PM <sub>2.5</sub>	R&P Partisol 2025 Method 118	Gravimetric	1 day in 3

# **HOLTSVILLE**

**36-103-0009**



**Sagamore Junior High School**  
**57 Division Street**  
**Holtsville, NY 11742**