

Elmira

36-015-0003



**Elmira Water Treatment
Sullivan Street
Elmira, NY 14901**

Elmira

Address: Water Treatment Plant
 Sullivant St.
 Elmira, NY 14901

AQS Number: 36-015-0003
 DEC Number: 0701-05
 County: Chemung
 Statistical Area: Elmira
 Coordinates: Lat: 42.11096 Lon: -76.80221

This site was established in 1973 in a urban Elmira. It is primarily in a commercial, population exposure area. The site was expanded in 1987 as part of the NYS Acid Deposition network. It is the only monitoring site on the southern tier of New York. Ozone readings are reported to AirNow.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
Sulfur Dioxide	TEI 43C Method 060	Pulsed Fluorescence	Continuous
Wind Speed/direction	Climatronics Sonic Method 020		Continuous
Relative Humidity	Teledyne RH200 Method 020		Continuous
Precipitation	Belfort Rain Gauge		Continuous
Temperature	Teledyne RH200 Method 040		Continuous
Barometric Pressure	Teledyne BP300 Method 011		Continuous
Acid Deposition	Hyteometer	DEC Lab	

Fulton

36-075-0003



**820 County Route 8
Fulton, NY 13069**

Fulton

Address: Granby Community Center
820 County Route 8
Fulton, NY 13069

AQS Number: 36-075-0003

DEC Number: 3754-01

County: Oswego

Statistical Area: Syracuse, NY

Coordinates: Lat: 43.28428 Lon: -76.46324

The Fulton site was initiated on October 3, 2002 to measure the Ozone downwind of the Rochester area. Fulton is an seasonal automated ozone site, requiring minimal operator attention. The location in the Granby Community Center offers easy and secure access for DEC staff to perform site maintenance. In its four seasons of operation, Fulton has recorded eight exceedances of the NAAQS for Ozone.

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous

Grafton Lakes State Park

36-083-0004



Grafton Lakes State Park
194 Shaver Pond Road
Grafton, NY 12082

Grafton Lakes State Park

Address: 194 Shaver Pond Road
 Grafton, NY

AQS Number: 36-083-0004

DEC Number: 4153-04

County: Rensselaer

Statistical Area: Albany-Schenectady-Troy, NY

Coordinates: Lat: 42.78189 Lon: -73.46363

This site was established in 2001 at the Grafton Lakes State Park as a replacement for the site located at the Dyken Pond Environmental Education Center of Rensselaer County. This is primarily a downwind site for the Albany area. The Grafton ozone is the only monitor between Albany and the Massachusetts state line. It is the only colocated Acid Deposition site operated by NYSDEC.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
Sulfur Dioxide	TEI 43C Method 060	Pulsed Fluorescence	Continuous
Wind Speed/direction	Climatronics Sonic Method 020		Continuous
Precipitation (colocated)	Belfort Rain Gauge		Continuous
Relative Humidity	Teledyne RH200 Method 011		Continuous
Temperature	Teledyne RH200 Method 040		Continuous
Barometric Pressure	Teledyne BP300 Method 011		Continuous
Acid Deposition (colocated)	Hyteometer	DEC Lab	As collected

Lackawanna 36-029-1007



Simon Street

**Road
Lackawanna, NY 14218**

& Ridge

Lackawanna

Address: Simon Street & Ridge Road
Lackawanna, NY 14218

AQS Number: 36-029-1007

DEC Number: 1402-14

County: Erie

Statistical Area: Buffalo - Niagara Falls, NY

Coordinates: Lat: 43.82730 Lon: -78.84984

The Lackawanna monitoring site was established in 1990 as a neighborhood scale, population exposure site. It is located behind a fire company on the corner of Ridge Road and Simon Street next to the northbound off ramp from US-5. The site is in an industrial area near former steel mills.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
PM _{2.5}	Low volume FRM R&P 2025 Method 118	Gravimetric	Every Third Day
Toxics	Canister Method 150	GC/MS	Every Sixth Day

Loudonville 36-001-0012



**300 Albany Shaker Road
Albany, NY 12211**

Loudonville

Address: 300 Albany Shaker Road
 Albany, NY 12211

AQS Number: 36-001-0012

DEC Number: 0101-33

County: Albany

Statistical Area: Albany-Schenectady-Troy

Coordinates: Lat: 42.68075 Lon: -73.75733

This site was established in 1986 as a neighborhood scale, population exposure site. The site was expanded as part of the NYSDEC Acid Deposition Network. It is located in suburban Albany, in close proximity to interstate 90. Ozone readings are reported to AirNow and it is the only ozone monitor in Albany County. PM_{2.5} sampling was added in January 2008.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
Sulfur Dioxide	TEI 43C Method 060	Pulsed Fluorescence	Continuous
Carbon Monoxide	TEI 48C Method 054	Non Dispersive Infrared	Continuous
PM _{2.5}	Low volume FRM R&P 2025 Method 118	Gravimetric	1 in 3
Acid Deposition	Hyteometer	DEC Laboratory	Collection Weekly
Wind Speed/Direction	Climatronics Sonic Method 020		Continuous
Relative Humidity	Met One 083D Method 011		Continuous
Ambient Temperature	Met One Method 040		Continuous
Barometric Pressure	Novalynx 230-276-8 Method 011		Continuous
Precipitation	Belfort Rain Gauge		Continuous

Middleport 36-063-1006



**3825 North Hartland Road
Middleport, NY 14105**

Middleport

Address: Middleport Sewage Treatment Plant
3825 North Hartland Road
Middleport, NY 14105

AQS Number: 36-063-1006

DEC Number: 3120-02

County: Niagara

Statistical Area: Buffalo - Niagara Falls, NY

Coordinates: Lat: 43.22386 Lon: -78.47888

This site was established in 1980 as a Buffalo downwind site. Middleport is a seasonal ozone site, operating between April and November. It is located on land adjacent to the Middleport Sewage Treatment Plant in a rural and largely agricultural area. Ozone is measured for regional transport from Buffalo and points west.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous

Millbrook 36-027-0007



**Millbrook
Institute of Ecosystem Studies
Millbrook, NY 12545**

Millbrook

Address: Institute of Ecosystem Studies
 Forest Road
 Millbrook, NY 12545

AQS Number: 36-027-0007
 DEC Number: 1328-01
 County: Dutchess
 Statistical Area: Dutchess County, NY
 Coordinates: Lat: 41.78555 Lon: -73.74136

This site was established in 1990 as a replacement for the site in the city of Poughkeepsie. The site was suggested by researchers at the Institute of Ecosystem Studies when they suspected that the ozone values in the rural and agricultural area might be higher than those of the high traffic city monitor. The site is shared by the scientists at IES and researchers there value the data. Ozone readings are reported to AirNow.

The parameters monitored are indicated in the following table:

Parameter	Sampling Method	Analysis Method	Schedule
Ozone	TEI 49C Method 047	Ultraviolet Photometric	Continuous
Wind Speed/Direction	Climatronics Sonic Method 020		Continuous
Relative Humidity	Met One 083D Method 011		Continuous
Ambient Temperature	Met One Method 040		Continuous
Barometric Pressure	Novalynx 230-276-8 Method 011		Continuous
Precipitation	Belfort Rain Gauge		Continuous

Newburgh 36-071-0002



**Public Safety Building
55 Broadway
Newburgh, NY 12550**

Newburgh

Address: Public Safety Building
55 Broadway
Newburgh, NY 12550

AQS Number: 36-071-0002

DEC Number: 3502-04

County: Orange

Statistical Area: New York, NY

Coordinates: Lat: 41.49916 Lon: -74.00885

Newburgh was established in 2000 as part of the NYS PM_{2.5} FRM network. It currently has both a 1 in 3 day FRM and continuous R&P 1400 TEOM. This site has been used to calculate the “FRM Like” values that are reported to the AirNow system for the TEOMs in New York City, Albany, Newburgh and Utica.

Parameter	Sampling Method	Analysis Method	Schedule
PM _{2.5}	Low volume FRM R&P 2025 Method 118	Gravimetric	1 in 3
PM _{2.5}	R&P TEOM 1400 Method 702	TEOM 50°C Gravimetric	Continuous