

Illinois
Ambient Air Monitoring
Network Plan – 2011



Illinois Environmental Protection Agency
Bureau of Air
Air Monitoring Section

July, 2010

Illinois Ambient Air Monitoring Network Plan – 2011

Introduction

Federal Regulation 40 CFR Part 58 Subpart B 58.10 requires the States to submit to USEPA an annual air monitoring network plan for the next calendar year. The plan details the monitoring network for the criteria pollutants: carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), ozone (O₃), particulate matter (PM₁₀ and PM_{2.5}), and lead (Pb). The monitoring sites are categorized by the following types: NCore (national trend sites), SLAMS (state and local air monitoring sites), SPM (special purpose monitors), PM_{2.5} speciation sites (trend and State), and PAMS (photochemical assessment monitoring sites). Specific site information includes locational information (address and latitude/longitude), site type, objectives, spatial scale, sampling schedule, and equipment used. In addition, changes from the previous network plan are listed. This network plan must be made available for public inspection for 30 days prior to submission to USEPA.

Relevant supporting air quality data in past Illinois Annual Air Quality Reports is available at the following link <http://www.epa.state.il.us/air/air-quality-report/index.html>. These summaries contain detailed monitoring data from the network which show comparisons to the various air quality standards as well as establish trends over time.

Network Design

Appendix D to Part 58 establishes the design criteria for the ambient air monitoring network. The network is designed to meet three general objectives: provide air pollution data to the public in a timely manner, support compliance with ambient air quality standards and emissions strategy development, and support air pollution research studies. Specific objectives for the monitoring sites are to determine the highest pollution concentrations in an area (peak), to measure typical concentrations in areas of high population density (population), to determine the impact of significant sources or source categories (source), to determine general background levels (background), and to determine the extent of regional pollutant transport among populated areas (transport).

Minimum site requirements are provided for ozone and particulate matter based on metropolitan statistical area (MSA) population. There are no minimum site requirements for carbon monoxide, nitrogen dioxide, or sulfur dioxide. Minimum site requirements for lead only apply in areas where sources (facilities) emit more than one ton per year of lead. The Illinois air monitoring network meets or, in most cases, exceeds the minimum network requirements. The Illinois network also includes a four site PAMS network that operates consistent with the USEPA approved “Lake Michigan Alternate PAMS Plan”.

The 2011 annual monitoring plan also incorporated recommendations provided within the Regional Network Assessment prepared by the Lake Michigan Air Directors Consortium (LADCO) and submitted to US EPA in May, 2010. The Regional Network Assessment

was prepared in conjunction with the US EPA Region 5 states and constitutes, not only an assessment of current state monitoring networks but also provides a multi-year plan (3-5 years) for state network modification and development.

Network Implementation

Appendix E to Part 58 establishes the specific requirements for monitor/probe siting to ensure that the ambient data represents the stated objectives and spatial scale. These requirements are pollutant/scale specific and involve horizontal/vertical placement, spacing from obstructions, spacing from trees, and spacing from roadways. The Illinois air monitoring network meets these siting requirements. Illinois also operates a PAMS network in Chicago that is part of an USEPA approved "Alternate Plan for the Regional Lake Michigan PAMS Network". The PAMS network encompasses monitoring requirements for both the Milwaukee and Chicago ozone nonattainment areas.

Monitoring Methods

Appendix C to Part 58 specifies that monitoring methods used for comparison to the National Ambient Air Quality Standards (NAAQS) must be Federal Reference or Equivalent Methods (FRM or FEM). All monitors listed in this network plan use either FRM or FEM with the following exceptions. The carbon monoxide and sulfur dioxide monitors at Northbrook are trace-level samplers which are not FEMs. Thus these data will not be used for compliance purposes. None of the continuous PM_{2.5} samplers are FRM or FEM. These samplers are intended to provide real-time particulate data for the Air Quality Index (AQI) and AIRNOW mapping purposes rather than compliance.

Quality Assurance

Appendix A to Part 58 establishes the minimum quality system requirements for the criteria pollutant data submitted to EPA. The two primary Quality Assurance Organizations applicable to this network plan are the Illinois EPA (IEPA) and the Cook County Department of Environmental Control (CCDEC). These two organizations meet and in most cases exceed the minimum requirements of Appendix A.

Network Changes

The proposed 2011 network is nearly the same as that approved by US EPA and operated in 2010. The main additions to the network were the new lead (Pb) source-oriented sites required by the November 12, 2008 changes to 40 CFR Part 58 and which began operation January 1, 2010. The design of the monitoring network for 2011 was based upon the assumption that funding to support the monitoring program is likely to be reduced in 2011 and that all efforts would be made to keep as much of the network intact as possible. No changes to the four site PAMS network have been proposed in 2011, however, a relocation of the Type 2 site at Chicago-Jardine and alternate sampling methods for volatile organic compounds are to be investigated in 2011.

Any proposed changes to the PAMS network would be instituted in 2012. The NCore site located in Northbrook is proposed to become completely operational on January 1, 2011.

2011 Monitoring Network Changes

A pollutant by pollutant discussion of the basis for the changes to the network, the underlying rules and requirements, Illinois EPA's proposed actions in specific areas and a detailed listing of specific sites that have proposed changes are provided on the following pages. Minimum federal monitoring requirements as provided in 40 CFR Part 58 were used in the design of the 2011 Illinois Network Plan, however, when USEPA revises a NAAQS and any associated network monitoring requirements, the monitoring network will be reviewed to determine if further changes are warranted.

Carbon Monoxide

There is no federal/state monitoring requirement for carbon monoxide. Nine sites were operated in 2010 with no changes proposed for 2011.

Nitrogen Dioxide

There is no federal/state monitoring requirement for nitrogen dioxide. However, three sites are required in Chicago as part of the USEPA approved "Lake Michigan Alternate PAMS Plan". Seven sites were operated in 2010 with no changes proposed for 2011.

Sulfur Dioxide

There is no federal/state monitoring requirement for sulfur dioxide. Eighteen sites were operated in 2010. The 2011 plan proposes fourteen sites with four sites to be discontinued as follows:

170310050	Chicago SE Police Station	103 rd St and Luella	Neighborhood Scale	SLAMS
170310063	Chicago CTA Transit Auth.	320 South Franklin	Neighborhood Scale	SLAMS
171970013	Joliet Water Plant	Rte 6 and Young Rd	Neighborhood Scale	SLAMS

Ozone

There are fourteen sites required under federal/state monitoring rules and four sites required as part of the USEPA approved "Lake Michigan Alternate PAMS Plan" bringing the state total number of required sites to eighteen. Thirty six sites were operated in 2010. The 2011 plan proposes thirty three sites with three sites to be discontinued as follows:

170310042	Chicago Sears Tower	Wacker & Adams	Urban Scale	SPMS
170491001	Effingham Jr. High Sch.	Rte 45 South	Regional scale	SLAMS
170971002	Waukegan North F.S.	Golf & Jackson Sts	Urban Scale	SLAMS

Particulate Matter (PM10)

There are four sites required under federal/state rules, one in each of the four original PM10 nonattainment areas. Seventeen sites were operated in 2010. The 2011 plan proposes five sites with twelve sites being discontinued. Reduced PM10 monitoring is proposed to allow the state to shift resources to support NCore monitoring, continued support for PAMS monitoring and to complete all lead network monitoring requirements provided with the lead NAAQS revision. The sites proposed to be discontinued in 2011 are as follows:

170310001	Alsip Village	4500 W. 123 rd St.	Neighborhood Scale	SLAMS
170310060	Chicago Carver	13100 S. Doty	Neighborhood Scale	SLAMS
170311901	Midlothian High School	15205 Crawford Ave	Neighborhood Scale	SLAMS
170312001	Blue Island School	12700 Sacramento	Neighborhood Scale	SLAMS
170313301	Summit Grace School	60 th St. & 74 th Ave.	Neighborhood Scale	SLAMS
170770004	Carbondale Village	607 E. College	Urban Scale	SLAMS
170990007	Oglesby Trailer	308 Portland	Middle Scale	SLAMS
171170002	Nilwood Trailer	Heaton & DuBois	Regional Scale	SLAMS
171193007	Wood River Village	54 N. Walcott	Neighborhood Scale	SLAMS
171430037	Peoria City Building	613 NE Jefferson	Neighborhood Scale	SLAMS
171630010	E. St. Louis Trailer	13 th St. & Tudor	Neighborhood Scale	SLAMS
171971002	Joliet Pershing School	Midland & Campbell	Neighborhood Scale	SLAMS

Particulate Matter (PM2.5)

There are five sites required under federal/state monitoring rules and one site required as part of the USEPA approved plan for NCore (National Trend Sites) bringing the state total number of required sites to six. Thirty eight sites were operated in 2010. The 2011 plan proposes thirty four sites with four sites to be discontinued as follows:

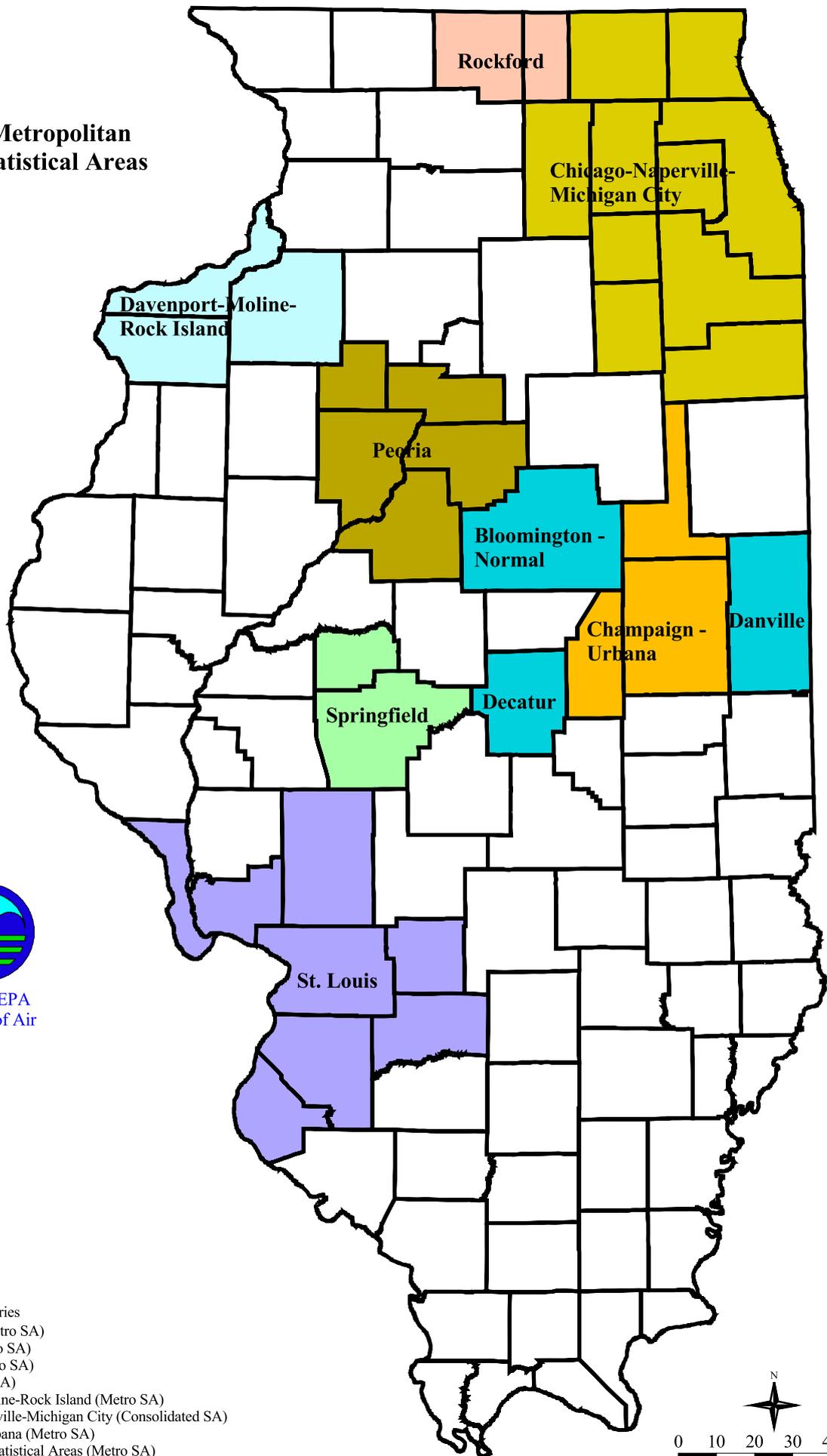
170310050	Chicago SE Police Station	103 rd St and Luella	Neighborhood Scale	SLAMS
170990007	Oglesby	308 Portland	Middle Scale	SLAMS
170971007	Zion State Park Trailer	Illinois Beach SP	Urban Scale	SLAMS
171634001	Swansea Village Hall	1500 Caseyville Ave	Urban Scale	SLAMS

Lead

There are eight sites required under federal/state rules, six in areas where significant lead industrial sources are located and two in large urbanized areas with populations greater than 500,000 people (Chicago and St. Louis). There were eighteen lead sites operated in 2010. The 2011 plan proposes twelve sites with six sites being discontinued as follows:

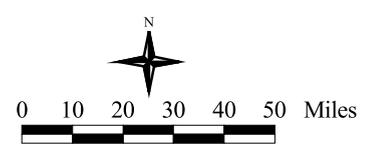
170310001	Alsip Village	4500 W. 123 rd St.	Neighborhood Scale	SLAMS
170313301	Summit Grace School	60 th St. & 74 th Ave.	Neighborhood Scale	SLAMS
171170002	Nilwood Trailer	Heaton & DuBois	Regional Scale	SLAMS
171193007	Wood River Village	54 N. Walcott	Neighborhood Scale	SLAMS
171430037	Peoria City Building	613 NE Jefferson	Neighborhood Scale	SLAMS
171630010	E. St. Louis Trailer	13 th St. & Tudor	Neighborhood Scale	SLAMS

Metropolitan Statistical Areas



Illinois EPA
Bureau of Air

- Legend**
- County Boundaries
 - Springfield (Metro SA)
 - St. Louis (Metro SA)
 - Rockford (Metro SA)
 - Peoria (Metro SA)
 - Davenport-Moline-Rock Island (Metro SA)
 - Chicago-Naperville-Michigan City (Consolidated SA)
 - Champaign-Urbana (Metro SA)
 - Metropolitan Statistical Areas (Metro SA)



ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011

CARBON MONOXIDE

AQS Site Identification Number	County	City	Address	Site Discription	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter	
						Latitude	Longitude		Primary	Secondary				CO Code 42101	Analysis & Sampling
17-031-0063	Cook	Chicago	321 S. Franklin	CTA Building	IEPA	+41.877628	-87.635027	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	N/A	Micro	N/A	SLAMS	TE	Hourly
17-031-3103	Cook	Schiller Park	4743 Mannheim Rd.	IEPA Trailer	IEPA	+41.96519348	-87.87626473	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	N/A	Middle	N/A	SLAMS	TE	Hourly
17-031-4002	Cook	Cicero	1820 S. 51st Ave.	Cook County Trailer	CCDEC	+41.85524313	-87.7524697	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	API	Hourly
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	NCORE	TEI	Hourly
17-031-6004	Cook	Maywood	1505 S. First Ave.	Com Ed Maintenance Bldg.	CCDEC	+41.87211684	-87.82908025	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	N/A	Micro	N/A	SLAMS	API	Hourly
17-143-0036	Peoria	Peoria	1005 N. University	Commercial Bldg.	IEPA	+40.70007197	-89.61341375	Peoria, IL	Highest Conc.	N/A	Micro	N/A	SLAMS	TE	Hourly
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Highest Conc.	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-167-0008	Sangamon	Springfield	6th St. & Monroe	Federal Bldg.	IEPA	+39.7993092	-89.64760789	Springfield, IL	Highest Conc.	N/A	Micro	N/A	SLAMS	TE	Hourly
17-201-0011	Winnebago	Rockford	425 E. State	City Hall	IEPA	+42.26767353	-89.08785092	Rockford, IL	Highest Conc.	N/A	Micro	N/A	SLAMS	DA	Hourly

Analysis Method - TE (TECO 48), API (API 300), DA (DASIBI 3008), TEI(TECO 48I-TLE)

Sampling Schedule - Hourly (1 hour samples)

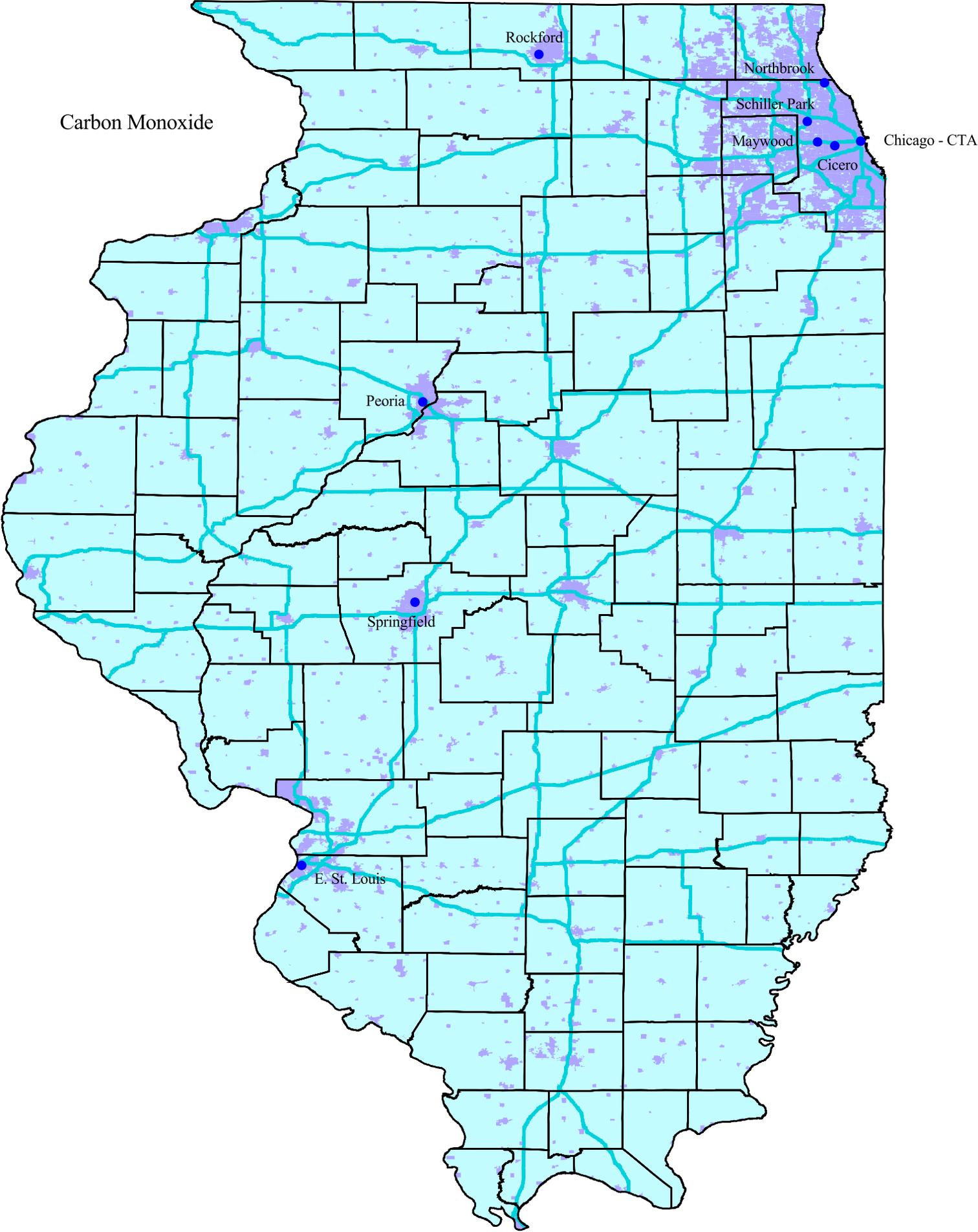
CCDEC - Cook County Department of Environmental Control

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

Carbon Monoxide



ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011

NITROGEN DIOXIDE

AQS Site Identification Number	County	City	Address	Site Discription	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter NO2 Code 42602	
						Latitude	Longitude		Primary	Secondary				Analysis & Sampling	
														Analysis Method	Sampling Schedule
17-031-0063	Cook	Chicago	321 S. Franklin	CTA Building	IEPA	+41.877628	-87.635027	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	TE	Hourly
17-031-0072	Cook	Chicago	1000 E. Ohio	Jardine Water Plant	IEPA	+41.89581227	-87.60768329	Chicago-Naperville-Michigan City, IL-IN-WI	Population	Source	Neighborhood	N/A	PAMS	TE	Hourly
17-031-0076	Cook	Chicago	7801 Lawndale	Com Ed Maintenance Bldg.	CCDEC	+41.75139998	-87.71348815	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-031-3103	Cook	Schiller Park	4743 Mannheim Rd.	IEPA Trailer	IEPA	+41.96519348	-87.87626473	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	TE	Hourly
17-031-4002	Cook	Cicero	1820 S. 51st Ave.	Cook County Trailer	CCDEC	+41.85524313	-87.7524697	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	PAMS/NCORE	TE	Hourly
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly

Analysis Method - TE (TECO 42)

CCDEC - Cook County Department of Environmental Control

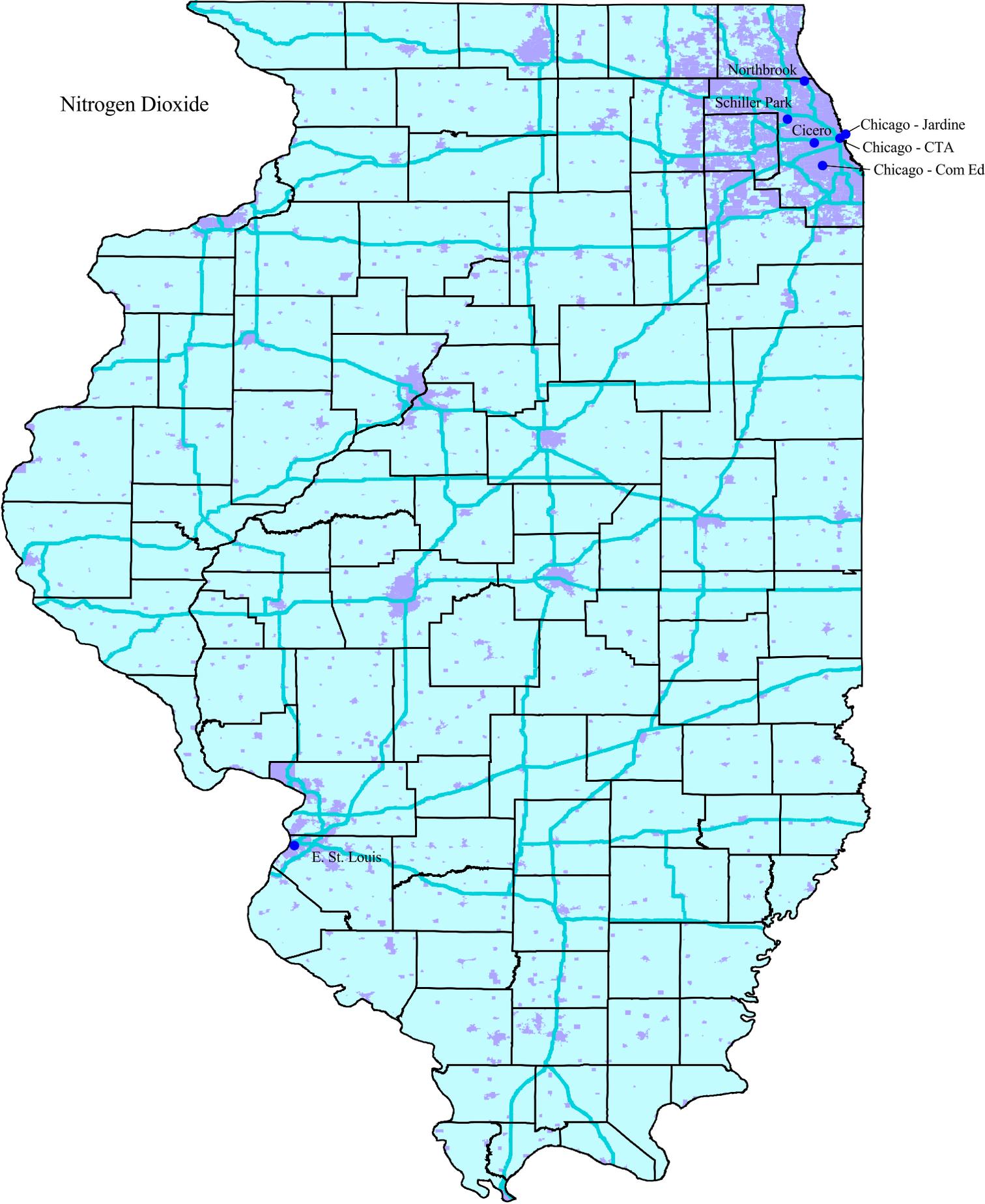
Sampling Schedule - Hourly (1 hour samples)

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

Nitrogen Dioxide



Northbrook

Schiller Park

Cicero

Chicago - Jardine

Chicago - CTA

Chicago - Com Ed

E. St. Louis

ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011

SULFUR DIOXIDE

AQS Site Identification Number	County	City	Address	Site Description	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter	
						Latitude	Longitude		Primary	Secondary				SO2 Code 42401	
														Analysis Method	Sampling Schedule
17-031-0050	Cook	Chicago	103rd & Luella	Southeast Police Station	CCDEC	+41.70756959	-87.56857386	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	API	Hourly
17-031-0063	Cook	Chicago	321 S. Franklin	CTA Building	IEPA	+41.877628	-87.635027	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-031-0076	Cook	Chicago	7801 Lawndale	Com Ed Maintenance Bldg.	CCDEC	+41.75139998	-87.71348815	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	API	Hourly
17-031-1601	Cook	Lemont	729 Houston	Cook County Trailer	CCDEC	+41.66812034	-87.99056969	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	API	Hourly
17-031-4002	Cook	Cicero	1820 S. 51st Ave.	Cook County Trailer	CCDEC	+41.85524313	-87.7524697	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	API	Hourly
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Population	N/A	Urban	N/A	NCORE	DA	Hourly
17-099-0007	La Salle	Oglesby	308 Portland Ave.	IEPA Trailer	IEPA	+41.29301454	-89.04942498	Ottawa-Streator, IL	Highest Conc.	Source	Neighborhood	N/A	SLAMS	DA	Hourly
17-115-0013	Macon	Decatur	2200 N. 22nd St.	IEPA Trailer	IEPA	+39.86683389	-88.92559445	Decatur, IL	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-117-0002	Macoupin	Nilwood	Heaton & Dubois	IEPA Trailer	IEPA	+39.39607533	-89.80973892	St Louis, IL-MO	Background	Population	Regional	N/A	SLAMS	DA	Hourly
17-119-1010	Madison	South Roxana	Michigan St.	S. Roxana Grade School	IEPA	+38.82830334	-90.05843262	St Louis, IL-MO	Highest Conc.	Source	Neighborhood	N/A	SLAMS	DA	Hourly
17-119-3007	Madison	Wood River	54 N. Walcott	Water Treatment Plant	IEPA	+38.86066947	-90.10585111	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-143-0024	Peoria	Peoria	Hurlburt & MacArthur	Fire Station #8	IEPA	+40.68742038	-89.60694277	Peoria, IL	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-157-0001	Randolph	Houston	Hickory Grove & Fallview	IEPA Trailer	IEPA	+38.17627761	-89.78845862	N/A	Background	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-167-0006	Sangamon	Springfield	3300 Mechanicsburg Rd.	Sewage Treatment Plant	IEPA	+39.80061377	-89.59122532	Springfield, IL	Highest Conc.	Source	Neighborhood	N/A	SLAMS	DA	Hourly
17-179-0004	Tazewell	Pekin	272 Derby	Pekin Fire Station #3	IEPA	+40.55646017	-89.65402807	Peoria, IL	Highest Conc.	Source	Neighborhood	N/A	SLAMS	DA	Hourly
17-197-0013	Will	Joliet	Rte. 6 & Young Rd.	Water Treatment Plant West	IEPA	+41.45996344	-88.18201915	Chicago-Naperville-Michigan Ctv, IL-IN-WI	Highest Conc.	Source	Neighborhood	N/A	SLAMS	DA	Hourly

Analysis Method - API (API 100), DA (DASIBI 4108)

CCDEC - Cook County Department of Environmental Control

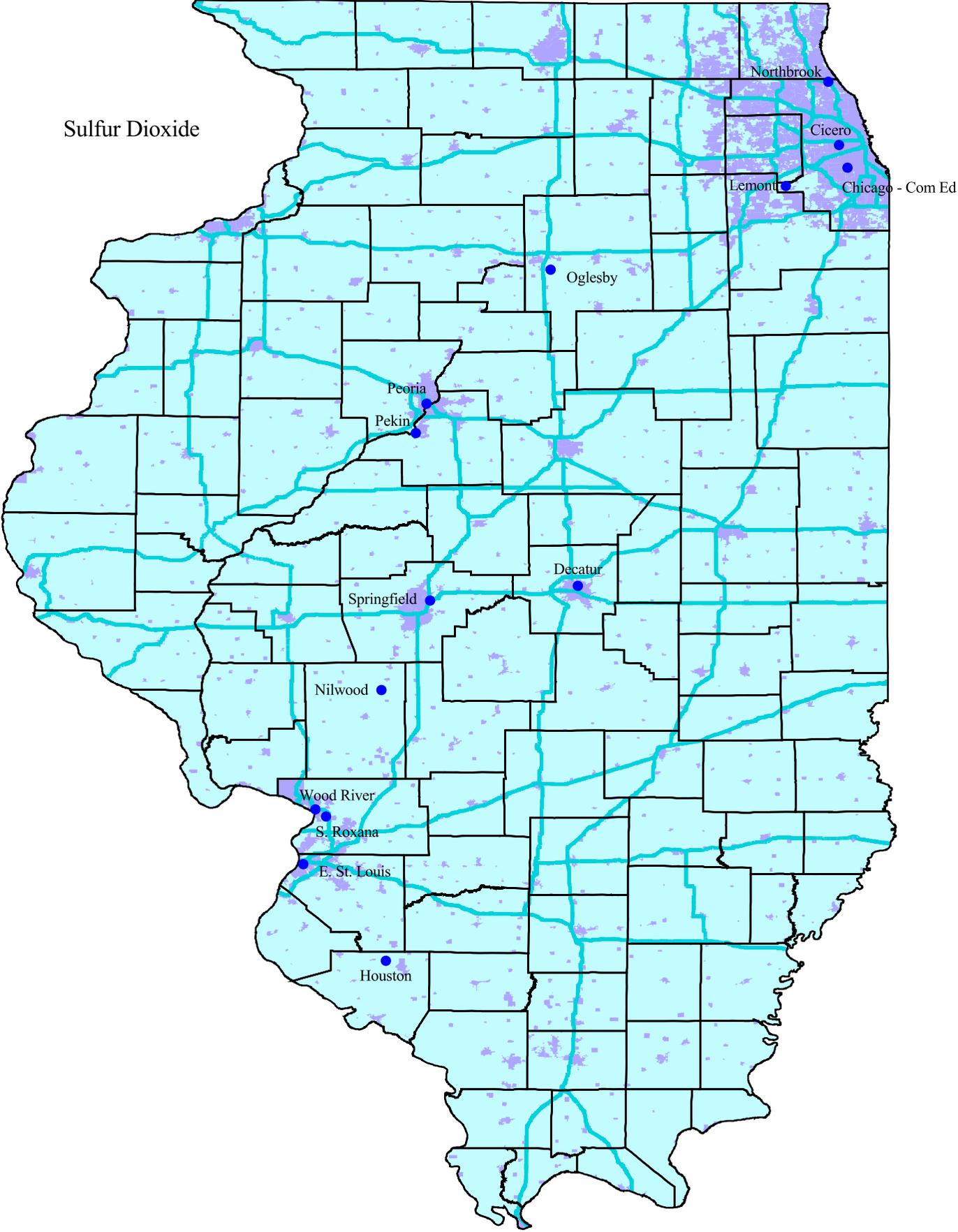
Sampling Schedule - Hourly (1 hour samples)

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

Sulfur Dioxide



ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011

OZONE

AQS Site Identification Number	County	City	Address	Site Discription	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter O3 Code 44201	
						Latitude	Longitude		Primary	Secondary				Analysis & Sampling	
														Analysis Method	Sampling Schedule
17-001-0007	Adams	Quincy	1301 S. 48th St	John Wood Community College	IEPA	+39.91540937	-91.33586832	Quincy, IL-MO	Population	N/A	Urban	N/A	SLAMS	TE	Hourly
17-019-0004	Champaign	Champaign	606 E. Grove	Washington Elementary	IEPA	+40.1237962	-88.22953098	Champaign-Urbana, IL	Population	N/A	Urban	N/A	SLAMS	TE	Hourly
17-031-0001	Cook	Alsip	4500 W. 123rd St.	Village Garage	CCDEC	+41.6709919	-87.7324569	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	DA8	Hourly
17-031-0032	Cook	Chicago	3300 E. Cheltenham Pl.	South Water Filtration Plant	CCDEC	+41.75583241	-87.54534967	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Population	Neighborhood	N/A	SLAMS	DA8	Hourly
17-031-0042	Cook	Chicago	Wacker & Adams	Sears Tower	IEPA	+41.87898018	-87.63555553	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	N/A	Urban	N/A	NON-REGULATORY	DAS	Hourly
17-031-0064	Cook	Chicago	5720 S. Ellis Ave.	University of Chicago	CCDEC	+41.79078688	-87.60164649	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	DA8	Hourly
17-031-0072	Cook	Chicago	1000 E. Ohio	Jardine Water Plant	IEPA	+41.89581227	-87.60768329	Chicago-Naperville-Michigan City, IL-IN-WI	Population	Source	Neighborhood	N/A	PAMS	DA	Hourly
17-031-0076	Cook	Chicago	7801 Lawndale	Com Ed Maintenance Bldg.	CCDEC	+41.75139998	-87.71348815	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	API	Hourly
17-031-1003	Cook	Chicago	6545 W. Hurlbut St.	Taft High School	CCDEC	+41.98433233	-87.7920017	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	API	Hourly
17-031-1601	Cook	Lemont	729 Houston	Cook County Trailer	CCDEC	+41.66812034	-87.99056969	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	API	Hourly
17-031-4002	Cook	Cicero	1820 S. 51st Ave.	Cook County Trailer	CCDEC	+41.85524313	-87.7524697	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	API	Hourly
17-031-4007	Cook	Des Plaines	9511 W. Harrison St.	Regional Office Bldg.	IEPA	+42.06028469	-87.86322543	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	DA	Hourly
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	NA	Urban	N/A	PAMS/NCORE	DA	Hourly
17-031-7002	Cook	Evanston	531 E. Lincoln	Evanston Water Plant	IEPA	+42.06185724	-87.67416716	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	DA	Hourly
17-043-6001	DuPage	Lisle	Route 53	Morton Arboretum	IEPA	+41.81304939	-88.0728269	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	DA	Hourly
17-049-1001	Effingham	Effingham	Route 45 South	Central Junior High School	IEPA	+39.06715932	-88.54893401	Effingham, IL	Population	N/A	Regional	N/A	SLAMS	DA	Hourly
17-065-0002	Hamilton	Knight Prairie Twp	Route 14	Ten Mile Creek DNR Office	IEPA	+38.08215516	-88.6249434	Mt Vernon, IL	Background	N/A	Regional	N/A	SLAMS	DA	Hourly
17-083-1001	Jersey	Jerseyville	Liberty St. & County Rd.	Illini Junior High School	IEPA	+39.11053947	-90.32407986	St Louis, IL-MO	Transport	Population	Regional	N/A	SLAMS	DA	Hourly
17-089-0005	Kane	Elgin	665 Dundee Rd.	Larsen Junior High School	IEPA	+42.04914776	-88.2730293	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	SLAMS	DA	Hourly
17-097-1002	Lake	Waukegan	Golf & Jackson Sts.	North Fire Station	IEPA	+42.3867056	-87.84140622	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Population	Urban	N/A	SLAMS	DA	Hourly
17-097-1007	Lake	Zion	Illinois Beach State Park	Camp Logan Trailer	IEPA	+42.4675733	-87.81004705	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Transport	Urban	N/A	PAMS	DA	Hourly
17-111-0001	McHenry	Cary	First St. & Three Oaks Rd.	Cary Grove High School	IEPA	+42.22144166	-88.24220734	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	NAMS	DA	Hourly
17-113-2003	McLean	Normal	Main & Gregory	ISU Physical Plant	IEPA	+40.51873537	-88.99689571	Bloomington-Normal, IL	Population	N/A	Urban	N/A	SLAMS	TE	Hourly
17-115-0013	Macon	Decatur	2200 N. 22nd St.	IEPA Trailer	IEPA	+39.86683389	-88.92559445	Decatur, IL	Population	N/A	Urban	N/A	SLAMS	TE	Hourly
17-117-0002	Macoupin	Nilwood	Heaton & Dubois	IEPA Trailer	IEPA	+39.39607533	-89.80973892	St Louis, IL-MO	Transport	Population	Regional	N/A	SLAMS	DA	Hourly
17-119-0008	Madison	Alton	409 Main St	Clara Barton School	IEPA	+38.89018605	-90.14803114	St Louis, IL-MO	Highest Conc.	Population	Urban	N/A	SLAMS	DA	Hourly
17-119-1009	Madison	Maryville	200 W. Division	Southwest Cable TV	IEPA	+38.72657262	-89.95996251	St Louis, IL-MO	Population	N/A	Urban	N/A	SLAMS	API	Hourly
17-119-3007	Madison	Wood River	54 N. Walcott	Water Treatment Plant	IEPA	+38.86066947	-90.10585111	St Louis, IL-MO	Population	N/A	Urban	N/A	SLAMS	DA	Hourly
17-143-0024	Peoria	Peoria	Hurlburt & MacArthur	Fire Station #8	IEPA	+40.68742038	-89.60694277	Peoria, IL	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-143-1001	Peoria	Peoria Heights	508 E. Glen Ave.	Peoria Heights High School	IEPA	+40.74550393	-89.58586902	Peoria, IL	Highest Conc.	Population	Urban	N/A	SLAMS	TE	Hourly
17-157-0001	Randolph	Houston	Hickory Grove & Fallview	IEPA Trailer	IEPA	+38.17627761	-89.78845862	N/A	Background	N/A	Regional	N/A	SLAMS	DA	Hourly
17-161-3002	Rock Island	Rock Island	32 Rodman Ave.	Rock Island Arsenal	IEPA	+41.51472697	-90.51735026	Davenport-Moline-Rock Island, IA-IL	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	TE	Hourly
17-167-0010	Sangamon	Springfield	2875 N. Dirksen Pkwy.	Public Health Warehouse	IEPA	+39.84412188	-89.60483919	Springfield, IL	Population	N/A	Urban	N/A	SLAMS	DA	Hourly
17-197-1011	Will	Braidwood	36400 S. Essex Rd.	Com Ed Training Ctr.	IEPA	+41.22153707	-88.19096718	Chicago-Naperville-Michigan City, IL-IN-WI	Background	N/A	Regional	N/A	PAMS	DA	Hourly
17-201-2001	Winnebago	Loves Park	1405 Maple Ave.	Maple Elementary School	IEPA	+42.33498222	-89.0377748	Rockford, IL	Highest Conc.	Population	Urban	N/A	SLAMS	DA	Hourly

Analysis Method - DA (DASIBI 1003), DA8 (DASIBI 1008), TE (TECO 49), API (API 400)

Sampling Schedule - Hourly (1 hour samples)

CCDEC - Cook County Department of Environmental Control

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

**ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011
PARTICULATE MATTER - PM10**

AQS Site Identification Number	County	City	Address	Site Discription	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter		
						Latitude	Longitude		Primary	Secondary				Analysis & Sampling		
														Analysis Method	Sampling Schedule	Collocate
17-031-0001	Cook	Alsip	4500 W. 123rd St.	Village Garage	CCDEC	+41.6709919	-87.7324569	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-0022	Cook	Chicago	3535 E. 114th St	Washington High School	CCDEC	+41.68716544	-87.53931548	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Neighborhood	N/A	SLAMS	BETA	Hourly	
17-031-0060	Cook	Chicago	13100 S. Doty	Carver High School	CCDEC	+41.65651756	-87.58957389	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	Y
17-031-1016	Cook	Lyons Township	50th St. & Glencoe	Village Hall	IEPA	+41.80116701	-87.8319447	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	BETA	Hourly	
17-031-1901	Cook	Midlothian	15205 Crawford Ave.	Bremen High School	CCDEC	+41.61503786	-87.71556004	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-2001	Cook	Blue Island	12700 Sacramento	Eisenhower High School	CCDEC	+41.66210943	-87.69646652	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	Y
17-031-3301	Cook	Summit	60th St. & 74th Ave.	Graves Elementary School	CCDEC	+41.78276601	-87.80537679	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	N/A	NCORE	Hi-vol	1/6	Y
17-077-0004	Jackson	Carbondale	607 E. College	Maintenance Bldg.	IEPA	+37.72308571	-89.20928881	Carbondale, IL	Population	N/A	Urban	N/A	SLAMS	Hi-vol	1/6	
17-099-0007	La Salle	Oglesby	308 Portland Ave.	IEPA Trailer	IEPA	+41.29301454	-89.04942498	Ottawa-Streator, IL	Highest Conc.	Source	Middle	N/A	SLAMS	BETA	Hourly	
17-117-0002	Macoupin	Nilwood	Heaton & Dubois	IEPA Trailer	IEPA	+39.39607533	-89.80973892	St Louis, IL-MO	Population	N/A	Regional	N/A	SLAMS	Hi-vol	1/6	
17-119-0010	Madison	Granite City	15th & Madison	Air Products	IEPA	+38.69443831	-90.15395426	St Louis, IL-MO	Highest Conc.	Source	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-119-1007	Madison	Granite City	23rd. & Madison	Fire Station # 1	IEPA	+38.70453426	-90.13967484	St Louis, IL-MO	Highest Conc.	Source	Neighborhood	N/A	SLAMS	BETA	Hourly	
17-119-3007	Madison	Wood River	54 N. Walcott	Water Treatment Plant	IEPA	+38.86066947	-90.10585111	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-143-0037	Peoria	Peoria	613 N.E. Jefferson	City Office Bldg.	IEPA	+40.697007	-89.58473722	Peoria, IL	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	Y
17-197-1002	Will	Joliet	Midland & Campbell Sts.	Pershing Elementary School	IEPA	+41.52688509	-88.11647381	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	

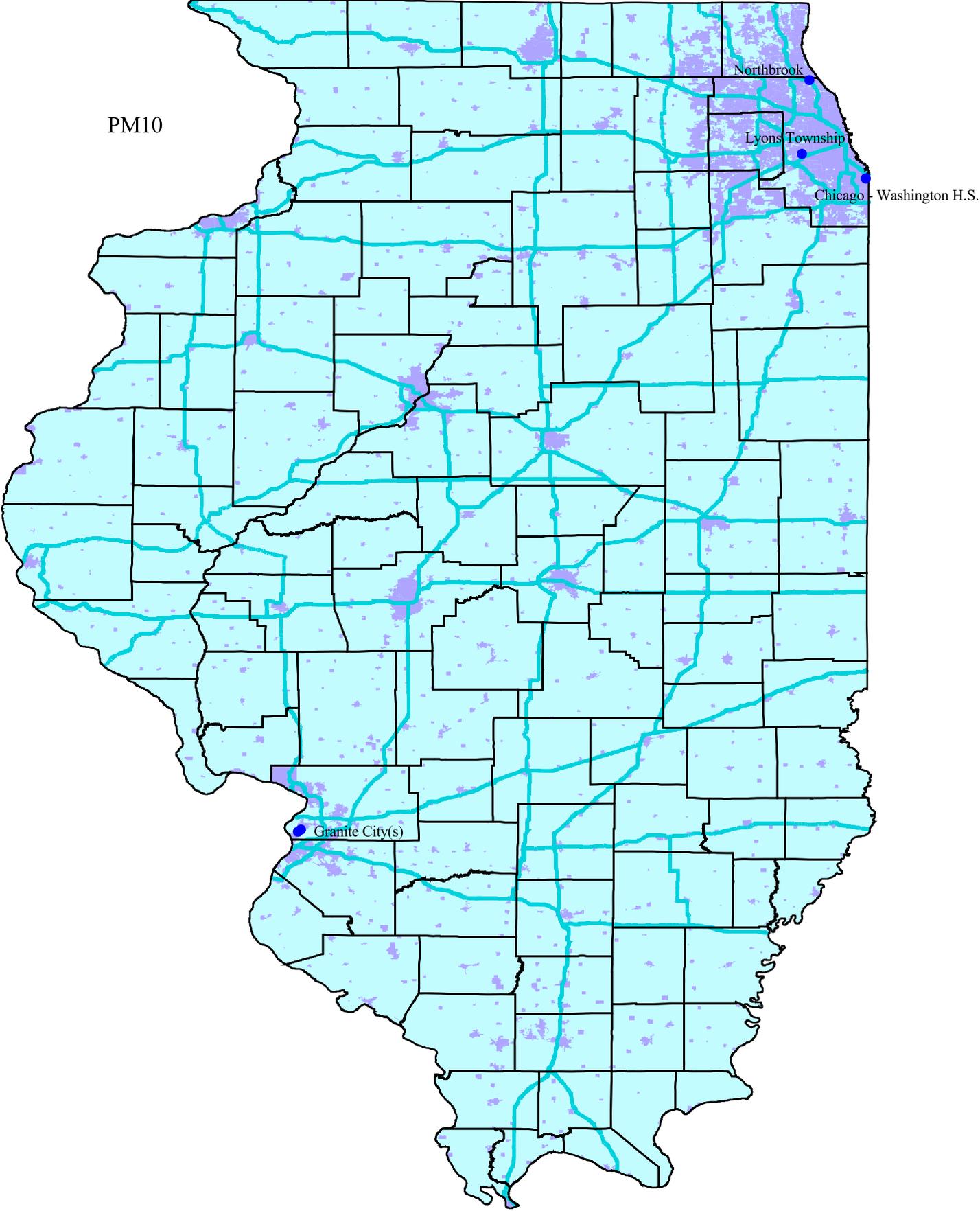
Analysis Method - Hi-vol (High volume sampler), BETA (Anderson Beta Attenuation Monitor)
Sampling Schedule - Hourly (1 hour samples), 1/6 (1 - 24 hour sample every 6 days)

CCDEC - Cook County Department of Environmental Control
IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

PM10



Northbrook

Lyons Township

Chicago - Washington H.S.

Granite City(s)

ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011 PARTICULATE MATTER - PM2.5

AQ5 Site Identification Number	County	City	Address	Site Description	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Standard	Proposal to Move or Discontinue	Monitoring Type	Parameter				
						Latitude	Longitude		Primary	Secondary					PM2.5				
															Code 88101, 88502 (BAM)				
															Analysis & Sampling				
Analysis Method	Sampling Schedule	Collocate	Speciate	Frequency															
17-001-0007	Adams	Quincy	1301 S. 48th St	John Wood Community College	IEPA	+39.91540937	-91.33586832	Quincy, IL-MO	Population	N/A	Urban	Annual/24	N/A	SLAMS	BGI	1/6			
17-019-0004	Champaign	Champaign	606 E. Grove	Washington Elementary	IEPA	+40.1237962	-88.22953098	Champaign-Urbana, IL	Population	N/A	Urban	Annual/24	N/A	SLAMS	BGI	1/6			
17-019-1001	Champaign	Bondville	Twp. Rd. 500 E.	SWS Climate Station	IEPA	+40.05224171	-88.37254916	Champaign-Urbana, IL	Background	Population	Regional	Annual/24	N/A	SLAMS	A1	1/6			
17-031-0001	Cook	Alsip	4500 W. 123rd St.	Village Garage	CCDEC	+41.6709919	-87.7324569	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	NA	N/A	SPMS	BAM	Hourly			
17-031-0022	Cook	Chicago	3535 E. 114th St.	Washington High School	CCDEC	+41.68716544	-87.53931548	Chicago-Naperville-Michigan City, IL-IN-WI	Population	Source	Neighborhood	Annual/24	N/A	SLAMS, SPMS	AS, BAM	1/6, Hourly			
17-031-0050	Cook	Chicago	103rd & Luella	Southeast Police Station	CCDEC	+41.70756959	-87.56857386	Chicago-Naperville-Michigan City, IL-IN-WI	Source	Population	Neighborhood	Annual/24	N/A	SLAMS	AS(2)	1/3			
17-031-0052	Cook	Chicago	4850 Wilson Ave.	Mayfair Pump Station	CCDEC	+41.96548483	-87.74992806	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Population	Neighborhood	Annual/24	N/A	SLAMS	AS(2)	1/1	Y		
17-031-0057	Cook	Chicago	1745 N. Springfield Ave.	Springfield Pump Station	CCDEC	+41.91286212	-87.72227345	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS, SPMS	AS, BAM	1/3, Hourly		Y	1/6
17-031-0076	Cook	Chicago	7801 Lawndale	Com Ed Maintenance Bldg.	CCDEC	+41.75139998	-87.71348815	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS, SPMS	AS, BAM	1/3, Hourly		Y	1/3
17-031-1016	Cook	Lyons Township	50th St. & Glencoe	Village Hall	IEPA	+41.80116701	-87.8319447	Chicago-Naperville-Michigan City, IL-IN-WI	Source	Population	Middle	24 Only	N/A	SLAMS	AS	1/1			
17-031-2001	Cook	Blue Island	12700 Sacramento	Eisenhower High School	CCDEC	+41.66210943	-87.69646652	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS	AS	1/3			
17-031-3103	Cook	Schiller Park	4743 Mannheim Rd.	IEPA Trailer	IEPA	+41.96519348	-87.87626473	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Population	Middle	24 Only	N/A	SLAMS	AS	1/3			
17-031-3301	Cook	Summit	60th St. & 74th Ave.	Graves Elementary School	CCDEC	+41.78276603	-87.80537679	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS	AS(2)	1/3	Y		
17-031-4007	Cook	Des Plaines	9511 W. Harrison St.	Regional Office Bldg.	IEPA	+42.06028469	-87.86322543	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	SLAMS	AS	1/3			
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	NCORE, SPMS	AS(2), BAM	1/3, Hourly	Y	Y	1/6
17-031-6005	Cook	Cicero	13th St. & 50th Ave.	Liberty School	CCDEC	+41.86442642	-87.74890238	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS	AS	1/3			
17-031-6006	Cook	Maywood	1500 Maybrook Dr.	4th District Court Bldg.	CCDEC	+41.8728972	-87.82587249	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	NA	N/A	SPMS	BAM	Hourly			
17-043-4002	DuPage	Naperville	400 S. Eagle St.	City Hall	IEPA	+41.77107094	-88.15253365	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	SLAMS, SPMS	RP1, BAM	1/6, Hourly		Y	1/6
17-065-0002	Hamilton	Knight Prairie Twp	Route 14	Ten Mile Creek DNR Office	IEPA	+38.08215516	-88.6249434	Mt Vernon, IL	Background	Population	Regional	Annual/24	N/A	SLAMS, SPMS	A1	1/6			
17-083-1001	Jersey	Jerseyville	Liberty St. & County Rd.	Illini Junior High School	IEPA	+39.11053947	-90.32407986	St Louis, IL-MO	Population	Transport	Urban	Annual/24	N/A	SLAMS	BGI	1/6			
17-089-0003	Kane	Elgin	258 Lovell St.	McKinley School	IEPA	+42.050403	-88.28001471	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	SLAMS	AS	1/6			
17-089-0007	Kane	Aurora	1240 N. Highland	Health Department	IEPA	+41.78471651	-88.32937361	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	SLAMS	RP1	1/6			
17-097-1007	Lake	Zion	Illinois Beach State Park	Camp Logan Trailer	IEPA	+42.4675733	-87.81004705	Chicago-Naperville-Michigan City, IL-IN-WI	Population	Transport	Urban	Annual/24	N/A	SLAMS	A1	1/6			
17-099-0007	La Salle	Oglesby	308 Portland Ave.	IEPA Trailer	IEPA	+41.29301454	-89.04942498	Ottawa-Streator, IL	Population	Source	Middle	24 Only	N/A	SLAMS, SPMS	AS, BAM	1/3, Hourly			
17-111-0001	McHenry	Cary	First St. & Three Oaks Rd.	Cary Grove High School	IEPA	+42.22144166	-88.24220734	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Urban	Annual/24	N/A	SLAMS, SPMS	AS, BAM	1/3, Hourly			
17-113-2003	McLean	Normal	Main & Gregory	ISU Physical Plant	IEPA	+40.51873537	-88.99689571	Bloomington-Normal, IL	Population	N/A	Urban	Annual/24	N/A	SLAMS	RP1	1/3			
17-115-0013	Macon	Decatur	2200 N. 22nd St.	IEPA Trailer	IEPA	+39.86683389	-88.92559445	Decatur, IL	Population	Source	Neighborhood	Annual/24	N/A	SLAMS, SPMS	RP1, BAM	1/3, Hourly			
17-119-0024	Madison	Granite City	2100 Madison	Gateway Medical Center	IEPA	+38.7006315	-90.14476267	St Louis, IL-MO	Population	Source	Middle	24 Only	N/A	SLAMS	BGI(2)	1/3	Y	Y	1/6
17-119-1007	Madison	Granite City	23rd & Madison	Fire Station #1	IEPA	+38.70453426	-90.13967484	St Louis, IL-MO	Highest Conc.	Population	Neighborhood	Annual/24	N/A	SLAMS, SPMS	AS, BAM	1/1, Hourly			
17-119-2009	Madison	Alton	1700 Annex. St.	SIU Dental Clinic	IEPA	+38.90308534	-90.14316803	St Louis, IL-MO	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS	BGI	1/6			
17-119-3007	Madison	Wood River	54 N. Walcott	Water Treatment Plant	IEPA	+38.86066947	-90.10585111	St Louis, IL-MO	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS, SPMS	BGI(2), BAM	1/3, Hourly	Y		
17-143-0037	Peoria	Peoria	613 N.E. Jefferson	City Office Bldg.	IEPA	+40.697007	-89.58473722	Peoria, IL	Population	N/A	Urban	Annual/24	N/A	SLAMS, SPMS	BGI(2), BAM	1/3, Hourly	Y		
17-157-0001	Randolph	Houston	Hickory Grove & Fallview	IEPA Trailer	IEPA	+38.17627761	-89.78845862	N/A	Background	Population	Regional	Annual/24	N/A	SLAMS	A1	1/6			
17-161-3002	Rock Island	Rock Island	32 Rodman Ave.	Rock Island Arsenal	IEPA	+41.51472697	-90.51735026	Davenport-Moline-Rock Island, IA-IL	Population	N/A	Urban	Annual/24	N/A	SLAMS	RP1	1/6			
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	Source	Neighborhood	Annual/24	N/A	SLAMS, SPMS	BGI, BAM	1/6, Hourly			
17-163-4001	St. Clair	Swansea	1500 Caseyville Ave.	Village Maintenance Bldg.	IEPA	+38.52963143	-89.99284962	St Louis, IL-MO	Population	N/A	Urban	Annual/24	N/A	SLAMS	BGI	1/3			
17-167-0012	Sangamon	Springfield	State Fair Grounds	Agriculture Bldg.	IEPA	+39.83192087	-89.64416359	Springfield, IL	Population	N/A	Urban	Annual/24	N/A	SLAMS	RP1(2)	1/3	Y		
17-197-1011	Will	Braidwood	36400 S. Essex Rd.	Com Ed Training Center	IEPA	+41.22153707	-88.19096718	Chicago-Naperville-Michigan City, IL-IN-WI	Background	Population	Regional	Annual/24	N/A	SLAMS	A1	1/6			
17-197-1002	Will	Joliet	Midland & Campbell Sts.	Pershing Elementary School	IEPA	+41.52688509	-88.11647381	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	Annual/24	N/A	SLAMS	AS	1/6			
17-201-0013	Winnebago	Rockford	201 Division St.	Winnebago Co. Health Department	IEPA	+42.26308105	-89.09276716	Rockford, IL	Population	N/A	Urban	Annual/24	N/A	SLAMS	AS	1/3			

Analysis Method - AS (Anderson Sequential), A1 (Anderson single-event), RS (R&P Sequential), R1 (R&P single-event), BGI, BAM (Met One Beta Attenuation Monitor)

Sampling Schedule - Hourly (1 hour samples), 1/1 (1 - 24 hour sample everyday), 1/3 (1 - 24 hour sample every 3 days), 1/6 (1 - 24 hour sample every 6 days)

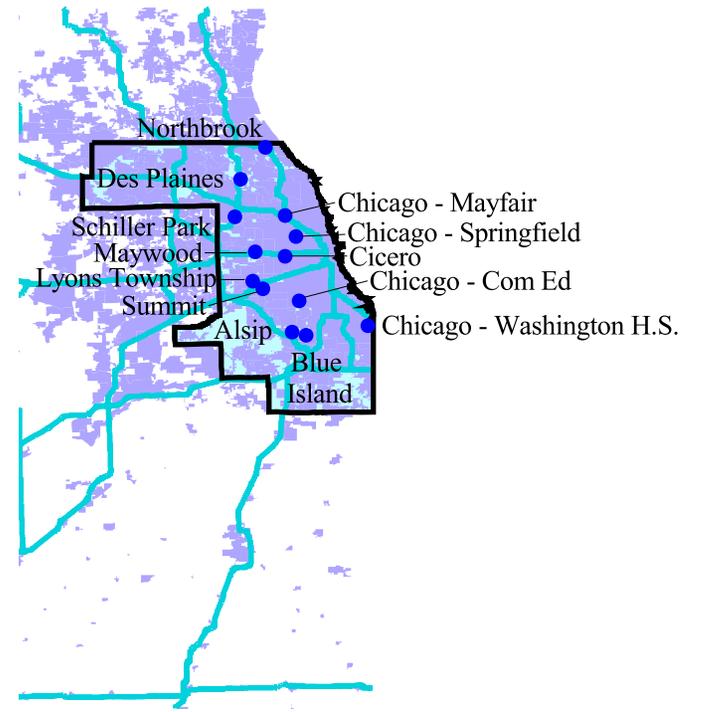
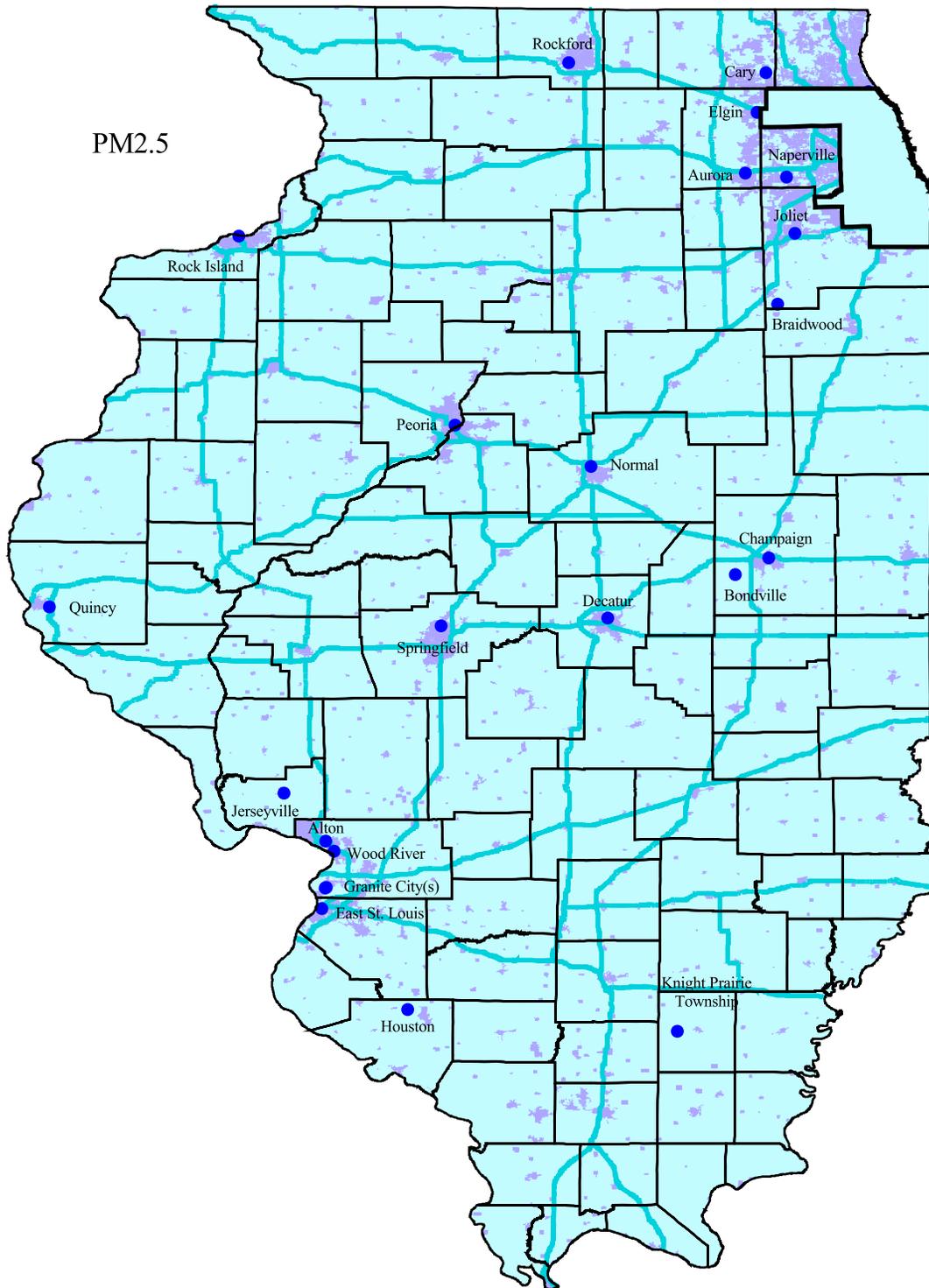
CCDEC - Cook County Department of Environmental Control

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

PM2.5



ILLINOIS - ANNUAL MONITORING NETWORK PLAN - 2011

LEAD

AQS Site Identification Number	County	City	Address	Site Discription	Site Operator	Geographical Coordinates		Area Represented	Monitoring Objectives		Spatial Scale	Proposal to Move or Discontinue	Monitoring Type	Parameter		
						Latitude	Longitude		Primary	Secondary				Lead Code 12128 Analysis & Sampling		
														Analysis Method	Sampling Schedule	Collocate
17-031-0001	Cook	Alsip	4500 W. 123rd St.	Village Garage	CCDEC	+41.6709919	-87.7324569	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-0022	Cook	Chicago	3535 E. 114th St.	Washington High School	CCDEC	+41.68716544	-87.53931548	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Neighborhood	N/A	SLAMS	Hi-vol	1/6	Y
17-031-0026	Cook	Chicago	735 W. Harrison	Cermak Pump Station	CCDEC	+41.87372041	-87.64532569	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	Hi-vol	1/6	
17-031-0052	Cook	Chicago	4850 Wilson Ave.	Mayfair Pump Station	CCDEC	+41.96548483	-87.74992806	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-0110	Cook	Chicago	1241 19th St.	Perez Elementary School	CCDEC	+41.855917	-87.658419	H.G. Kramer	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	
17-031-3103	Cook	Schiller Park	4743 Mannheim Rd.	IEPA Trailer	IEPA	+41.96519348	-87.87626473	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	Hi-vol	1/6	
17-031-3301	Cook	Summit	60th St. & 74th Ave.	Graves Elementary School	CCDEC	+41.78276601	-87.80537679	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-031-4201	Cook	Northbrook	750 Dundee Rd.	Northbrook Water Plant	IEPA	+42.13999619	-87.79922692	Chicago-Naperville-Michigan City, IL-IN-WI	Population	N/A	Neighborhood	N/A	NCORE	Hi-vol	1/6	Y
17-031-6003	Cook	Maywood	1500 Maybrook Dr.	4th District Court Bldg.	CCDEC	+41.87220158	-87.8261648	Chicago-Naperville-Michigan City, IL-IN-WI	Highest Conc.	Source	Middle	N/A	SLAMS	Hi-vol	1/6	
17-115-0110	Macon	Decatur	1226 E. Garfield	Mueller	IEPA	+39.862542	-88.940894	Garfield near Mueller	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	
17-117-0002	Macoupin	Nilwood	Heaton & Dubois	IEPA Trailer	IEPA	+39.39607533	-89.80973892	St Louis, IL-MO	Background	N/A	Regional	N/A	SLAMS	Hi-vol	1/6	
17-119-0010	Madison	Granite City	15th & Madison	Air Products	IEPA	+38.69443831	-90.15395426	St Louis, IL-MO	Highest Conc.	Source	Middle	N/A	SLAMS	Hi-vol	1/6	Y
17-119-3007	Madison	Wood River	54 N. Walcott	Water Treatment Plant	IEPA	+38.86066947	-90.10585111	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-143-0037	Peoria	Peoria	613 N.E. Jefferson	City Office Bldg.	IEPA	+40.697007	-89.58473722	Peoria, IL	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-143-0110	Peoria	Bartonville	Sanitation Rd.	Pump Station	IEPA	+40.653703	-89.643375	Keystone Steal & Wire	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	
17-143-0210	Peoria	Mapleton	9725 W. Wheeler Rd.	David Residence	IEPA	+40.562633	-89.747114	Catepillar-Mapleton Plt.	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	
17-163-0010	St. Clair	East St. Louis	13th & Tudor	RAPS Trailer	IEPA	+38.61203448	-90.16047663	St Louis, IL-MO	Population	N/A	Neighborhood	N/A	SLAMS	Hi-vol	1/6	
17-195-0110	Whiteside	Sterling	705 West 3rd St.	Sauk Medical Clinic	IEPA	+41.788383	-89.706728	Sterling Steal Co.	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	
17-201-0110	Winnebago	Rockford	305 Peoples Ave.	J. Rubin & Company	IEPA	+42.240867	-89.091467	Gunite Corporation	Industrial	Source	Middle	New 2010	SLAMS	Hi-vol	1/6	

Analysis Method - Hi-vol (High volume sampler)

CCDEC - Cook County Department of Environmental Control

Sampling Schedule - 1/6 (1 - 24 hour sample every 6 days)

IEPA - Illinois Environmental Protection Agency

Site/monitor discontinued

Site/monitor new

Lead

