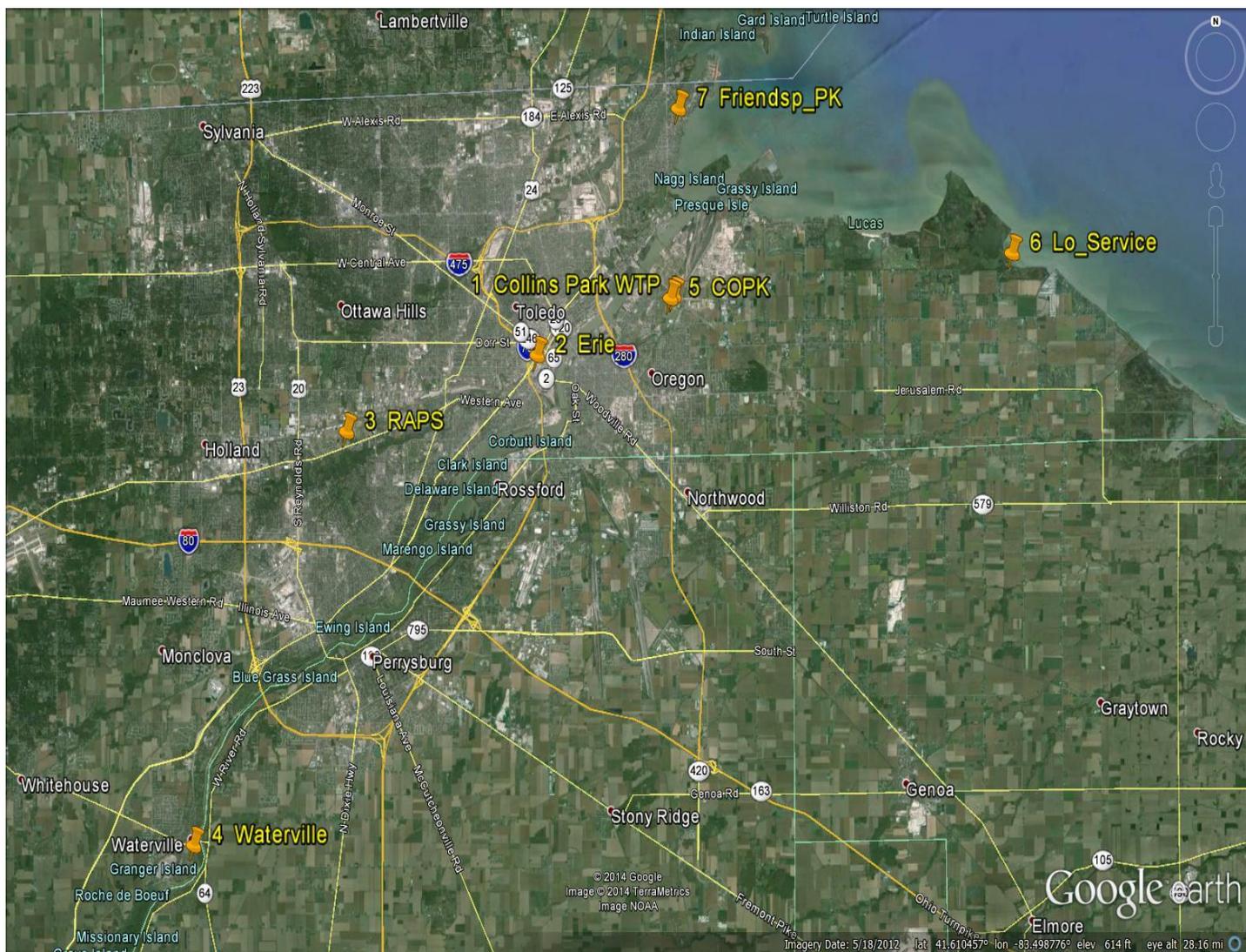


2015 TOLEDO AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	NCORE	Pb/metals
1. 39-095-0008	Collins Park WTP				X						
2. 39-095-0024	ERIE	x*		x							
3. 39-095-0026	RAPS	x							x		
4. 39-095-0027	Waterville			x							
5. 39-095-0028	COPK	x									
6. 39-095-0034	Lo_Service			x							
7. 39-095-0081	Friendsp_PK										WS/WD ¹

*x collocated monitor

¹ wind speed/wind direction instruments, no Pb/metals

Site Name: Collins ParkAQS Site ID: **39-095-0008**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 3040 York Street, Toledo 43605

Latitude: 41.663405

Longitude: -83.47596



Site description: This is a SLAMS SO₂ monitoring site located at Collins Park Water Treatment Plant in East Toledo. Close proximity of refineries, and electric plant. The location setting is Center City and the land use is Industrial.

Former site and address: 39-095-0008; 600 Collins Park

This was a former SO₂ site that operated back in 2005 and restarted herein 2013

Monitoring objective and spatial scale:**Monitoring objective:** Population**Spatial scale:** Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	1/1/2013	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxicics(orgánicos)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments:

Site Name: Quilter Environmental CenterAQS Site ID: **39-095-0024**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: **City of Toledo, Environmental Services Division**

MSA: Toledo

Address: 348 S. Erie Street Toledo, Ohio 43604

Latitude: 41.644067

Longitude: -83.54625



Site description: This is a SLAMS PM_{2.5} FRM, Co-located PM_{2.5}, PM_{2.5} TEOM and Ozone site. Equipment is located on the roof of the offices of the City of Toledo Division of Environmental Services. The site is considered to be a highest concentration for particulates and a population site for ozone in the Toledo MSA. The location setting is Center City and land use is Industrial.

SPM (Special Purpose Monitor) for meteorological equipment.

Monitoring objective and spatial scale:

Monitoring objective: Highest Concentration for Particulates, Population for Ozone, Program Support for wind speed/wind direction equipment

Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	2/11/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	10/17/2002	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/1998	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(orgamics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	012/050	Hourly	08/17/1998	<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: <http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>.

Description of any proposed changes:

Quality Assurance

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40CFR Part 58

Site Name: Reynolds Area Pumping StationAQS Site ID: **39-095-0026**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 4150 Airport Highway Toledo, Ohio 43609

Latitude: 41.620633

Longitude: -83.64225



Site description: This is a SLAMS PM_{2.5}, a PM_{2.5} Chemical Speciation and a Carbon Particulate site. It is located at the site of Reynolds Area Pumping Station and diesel generator. The site is considered to be a highest concentration site in the transport of Particulates in the Toledo MSA. The location setting is Suburban and the land use is Commercial.

Monitoring objective and spatial scale:**Monitoring objective: Highest concentration****Spatial scale: Neighborhood**

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	5/29/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(organiacs)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Carbon Monitor	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Site Name: Waterville Maintenance GarageAQS Site ID: **39-095-0027**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 200 S. River Rd. Waterville, Ohio 43566

Latitude: 41.494167

Longitude: -83.718944



Site description: This is a SLAMS Ozone site located on the roof of Waterville Maintenance Garage. The site is considered to be an upwind background site in the transport of Ozone into the Toledo MSA. The location setting is Residential and the land use is Suburban.

Monitoring objective and spatial scale:**Monitoring objective: Population****Spatial scale: Neighborhood**

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	6/17/1999	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(organiCS)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Site Name: Collins ParkAQS Site ID: **39-095-0028**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 3040 York Street, Toledo, Ohio 43605

Latitude: 41.6625

Longitude: -83.4783



Site description: This is a SLAMS PM 2.5 monitoring site located at Collins Park Water Treatment Plant in East Toledo. Close proximity of refineries, and electric plant. The location setting is Center City and the land use is Industrial.

Former site and address: 39-095-0025; 600 Collins Park
Had to move locations due to entrance change to facility.

Monitoring objective and spatial scale:**Monitoring objective:** Population**Spatial scale:** Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	10/28/2008	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxic(organics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58
Comments:

Site Name: Lo ServiceAQS Site ID: **39-095-0034**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 306 N. Yondota Road, Curtice, Ohio 43412

Latitude: 41.675213

Longitude: -83.30693



Site description: This is a SLAMS Ozone site located at Lo Service In take Plant. The site is considered to be a downwind site for Ozone that moves through the city and out toward Lake Erie. The location setting is Rural and the land use is Agricultural.

Monitoring objective and spatial scale:**Monitoring objective: Highest Concentration****Spatial scale: Urban**

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/1991	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(organiCS)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Site Name: Friendship ParkAQS Site ID: **39-095-0081**

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 2930 131st Street Toledo, Ohio 43611

Latitude: 41.719483

Longitude: -83.47515

**Site description: This is a meteorological site measuring wind speed and direction located on the roof of Friendship Park Senior Center.****This site is downwind from the central city. This is a SPM (Special Purpose Monitor)****Monitoring objective and spatial scale:****Monitoring objective: Program Support****Spatial scale: Neighborhood**

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(orgamics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	012/050	hourly	6/14/99	<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

Description of any proposed changes:

Quality Assurance

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58
Comments: