Florida Department of Environmental Protection

2025
Annual Ambient Air Monitoring Network Plan

Division of Air Resource Management
Florida Department of Environmental Protection
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Florida Department of Environmental Protection
Division of Air Resource Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
www.floridadep.gov

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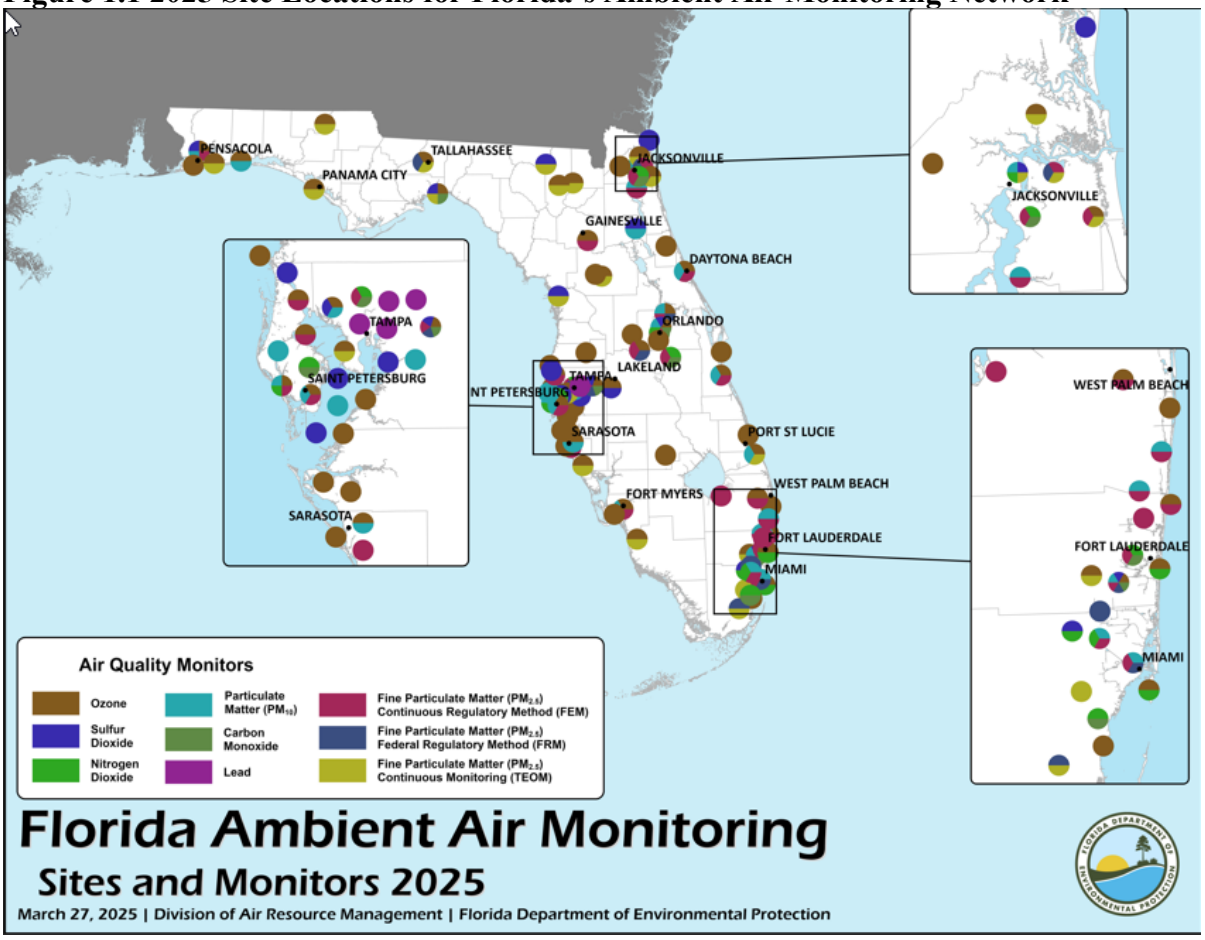
1. Introduction

The Florida Department of Environmental Protection (DEP) has developed and maintains a comprehensive ambient air monitoring network that covers over 90 percent of the 23 million people living in Florida, the third most populous state in the United States. This network is designed to provide the public with accurate air quality information and currently meets or exceeds federal air monitoring requirements.

The network is comprised of more than 180 monitors at 90 sites strategically positioned across the state. As shown in Figure 1.1, these sites are concentrated in areas of higher population density, along the coast, and near interstate highways. In addition, the Department established three rural monitoring sites as representative locations for comparison to regional background levels of pollution: one in the panhandle, one in the northern area of the peninsula, and one in the southern area of the peninsula.

Figure 1.1 2025 Site Locations for Florida's Ambient Air Monitoring Network



All of Florida's monitoring agencies are managed under a Primary Quality Assurance Organization (PQAO) to ensure that monitoring is conducted according to a common set of procedures, using common calibration facilities and standards, and with oversight by a single air quality agency. Florida DEP's Division of Air Resource Management is the coordinating agency that oversees this PQAO, which consists of Florida DEP and nine Local Programs (see Table 1.1 below).

Table 1-1 Florida's Primary Quality Assurance Organization

DEP's Division of Air Resource Management	Local Programs
Office of Air Monitoring	Broward County
Emerald Coast (Panama City area)	City of Jacksonville
First Coast (Jacksonville area)	Hillsborough County
Forgotten Coast (Tallahassee area)	Manatee County
Lee Island Coast (Ft. Myers area)	Miami-Dade County
Nature Coast (Gainesville area)	Orange County
Naval Aviation Coast (Pensacola area)	Palm Beach County
Space Coast (Orlando area)	Pinellas County
Sun Coast (Tampa area)	Sarasota County

Florida's air monitoring network is designed to provide timely air pollution data to the public, support compliance with ambient air quality standards, develop emission reduction strategies, and support air pollution research studies. Data gathered from Florida's monitoring network are used to:

- Determine an area's compliance with the National Ambient Air Quality Standards (NAAQS);
- Produce a daily Air Quality Index (AQI) report;
- Compile daily air quality forecast reports;
- Support short and long-term health risk assessments;
- Identify localized health concerns; and
- Track long-term trends in air quality that could potentially affect the quality of life of Florida's residents and visitors.

This Annual Air Monitoring Network Plan is a requirement of the Code of Federal Regulations (40 CFR Part 58) established by the U.S. Environmental Protection Agency (EPA). The purpose of the Plan is to provide evidence that Florida's air monitoring network meets current regulations, detail any changes proposed for the 18 months following its publication, and provide specific information on each of the state's existing and proposed monitoring sites. Federal regulations require that the Plan be posted for public comment 30 days before submission to the EPA Regional Office.

2. Air Monitoring Network 2025

On January 1, 2015, the U.S. Environmental Protection Agency (EPA) designated the State of Florida as one Primary Quality Assurance Organization (PQAO) responsible for monitoring air pollution. Florida's PQAO consists of Florida DEP as the lead agency and 9 local air monitoring organizations throughout the state. Florida's air monitoring network is critical for assessing the state's progress in maintaining and improving air quality, understanding temporal variations in air pollutants, and evaluating pollutant exposure by individuals and the environment. One fundamental purpose of monitoring is to distinguish between areas where pollutant levels violate the ambient air quality standards and areas where they do not. Areas in violation of a standard require increased efforts to reduce the pollution that results in exceedances. Air quality agencies develop strategies, programs, and regulations to achieve needed emission reductions. Data from Florida's air monitoring network are then used to determine the rate of progress toward attaining the standards.

2.1 NETWORK DESIGN PRINCIPLES

The principles that guide Florida's network design are:

1. Sites will meet the Code of Federal Regulations for the number, type, and placement of monitors.
2. Attention will be paid to historic areas of exceedances or violations where contributing industries, activities, and/or populations have been maintained.
3. There will be sufficient ozone and fine particle pollution monitors to maintain Air Quality Index (AQI) reporting for large (350,000+ population) communities.
4. During network design, the weight will be given to monitors that have long historical records.
5. Partnerships with private entities will be used judiciously.
6. Any monitoring required by the State Implementation Plans (SIP) will continue.
7. Coordination with Florida's local programs will be maintained to achieve a quality statewide network.

Details of the network are in the "Network Description and Requirements" section of this plan. The network description is organized first by the largest Metropolitan Statistical Areas followed by the monitoring of areas, not within a Metropolitan Statistical Area. Nine county agencies assist Florida DEP in the operation of the statewide air monitoring network. Each county's Metropolitan Statistical Areas or Micropolitan Statistical Area is identified. Requirements for the minimum number of monitoring sites are dependent on both population and population concentration for ozone, $PM_{2.5,}$ and PM_{10}. The recently calculated Population Weighted Emission Index (PWEI) is listed for any areas with a PWEI over 5,000 where monitoring for sulfur dioxide is required.

The AQI is reported and updated hourly on Florida DEP's website at Air Quality Today | Florida Department of Environmental Protection It is available in both graphical and text versions. The data to support this website are collected from all continuous monitors in the state. These data are also shared on EPA's AirNow site at www.airnow.gov.

An Air Monitoring Network Plan is also required to provide evidence that siting and operation of each monitor meets the requirements of Appendices A, B, C, D, and E of 40 CFR Part 58, where applicable. Appendix A specifies the minimum quality system requirements applicable to State and Local Air Monitor Stations (SLAMS) and other monitor types whose data are intended to be used to determine compliance with NAAQS. Florida meets 40 CFR Part 58, Appendix A requirements with three basic functions:

1. A quality system must have approved standard operating procedures (SOP), a Quality Management Plan (QMP), and Quality Assurance Project Plans (QAPP), which are in place and updated as needed. The National Core (NCore) QAPP was approved in March 2022, the Gaseous QAPP was approved in April 2022, the PM ($PM_{2.5}$ and PM_{10}) QAPP was approved in January 2023, and the Lead (Pb) QAPP was approved in March 2025. The current QMP was approved in September 2021.
2. Florida DEP Quality Assurance staff complete gaseous instrument performance and technical systems audits for all agencies throughout the state. As of CY 2020, DEP field technicians and local agency field staff began completing semi-annual particulate audits.
3. All quality assurance and quality control records must be sent to EPA's Air Quality System (AQS) database quarterly.

40 CFR Part 58, Appendix B, describes quality assurance requirements for Prevention of Significant Deterioration (PSD) air monitoring. Florida's air monitoring network does not include any PSD monitors; therefore, these requirements are not applicable.

40 CFR Part 58, Appendix C, describes general ambient air quality monitoring methodology. Florida's air monitoring network is comprised of both federally and non-federally approved instrumentation. Only data from the federally approved instrumentation can be used for designations. Additionally, all instruments are subjected to the same quality assurance and quality control requirements as those used for designations. Florida's instrumentation meets 40 CFR Part 58, Appendix C requirements and is described in detail in Appendix C of this Plan.

40 CFR Part 58, Appendix D, contains the network design criteria for ambient air quality monitoring. Sites within Florida's air monitoring network are established using these requirements. This annual Air Monitoring Network Plan assesses the network's ability to meet these requirements.

40 CFR Part 58, Appendix E, contains the probe siting criteria for ambient air quality monitoring. To ensure that these requirements continue to be met, sites are reviewed annually by Florida DEP QA audit and field staff. The results of these reviews are used to determine if the sites meet siting requirements. Any discrepancies are dealt with, at minimum, on an annual basis. A table summarizing the site reviews conducted in the last year, as well as any issues discovered, is provided in Appendix B of this Plan. All of Florida's sites meet 40 CFR Part 58, Appendix E unless explicitly noted in Appendix B of this Plan.

2.2 NETWORK EQUIPMENT UPGRADES AND ENHANCEMENT

Over the last several years, Florida's PQAO has made extensive investments in Florida's air monitoring network. These upgrades and enhancements have been implemented to take advantage of software and hardware technological advancements for greater operational efficiency. Table 2.1 highlights major equipment purchases, and upgrades accomplished during the last 18 months.

Table 2-1 Equipment Purchases 2024/2025

Agency	Quantity	Equipment Purchases
Broward County	1	Teledyne API T700U
Broward County	4	Teledyne API T703
Broward County	4	Agilaire 8872 Loggers
Broward County	1	Thermo 42i-Y-TLE
Broward County	1	Thermo 43iQ-TLE
Broward County	1	Teledyne API T400
Broward County	1	Teledyne T640
Broward County	1	Magee Scientific AE33
Broward County	1	Teledyne API T500U
Broward County	1	Teledyne API T700U
Broward County	1	ShelterOne T640 enclosure with AC
City of Jacksonville	1	CAS Shelter
City of Jacksonville	3	Teledyne T703U
City of Jacksonville	2	Teledyne T400
City of Jacksonville	2	Thermo 1405
City of Jacksonville	1	Fluke Voltage Generator
City of Jacksonville	1	Teledyne T640X
Florida DEP	5	Thermo 49iQ
Florida DEP	5	Thermo 49iQ
Florida DEP	1	Thermo 49iQPS
Florida DEP	5	Thermo 43iQ
Florida DEP	2	Thermo 43iQTL
Florida DEP	2	Thermo 48iQTL
Florida DEP	2	Thermo 43i-Y
Florida DEP	1	Mettler Toledo Microbalance
Florida DEP	1	Teledyne T640X
Florida DEP	2	Teledyne 751H Zero Air Generator
Florida DEP	1	MET Tower
Hillsborough County	1	Thermo 43iQ
Hillsborough County	1	Thermo 48iQ-TLE
Hillsborough County	1	Teledyne T640X
Hillsborough County	1	CAS Shelter

Agency	Quantity	Equipment Purchases
Manatee County	1	2B Technologies 211
Manatee County	3	8872 Site Node Windows 11 Upgrade Kits
Miami-Dade County	3	Teledyne-API T500U
Miami-Dade County	2	Teledyne-API T700U
Miami-Dade County	2	Thermo 49iPS
Miami-Dade County	1	Teledyne-API T300U
Miami-Dade County	2	Teledyne-API T701H
Orange County	2	Met One Serinus 30
Orange County	1	Met One Serinus 50
Orange County	3	Met One AIO2
Orange County	1	Teledyne T500U
Orange County	1	Teledyne T700U
Orange County	1	Teledyne T640
Orange County	3	Teledyne T701H
Orange County	1	Teledyne T640x
Orange County	1	Agilaire 8872 Data Logger
Orange County	1	Agilaire 8872 Logger Upgrade
Orange County	1	Alicat FP-25BT
Orange County	1	Alicat Whisper MWB-1SLPM
Pinellas County	1	Teledyne API T500U
Pinellas County	2	Teledyne API T703
Pinellas County	1	Teledyne API T400
Pinellas County	1	Teledyne API T700U
Pinellas County	1	Teledyne API T300U
Pinellas County	1	Container Air Monitoring Shelter
Pinellas County	1	Environics 7000 Zero Air Generator
Pinellas County	1	Magee Scientific AE33
Pinellas County	1	Thermo 43iQ
Pinellas County	1	Alicat FP-25
Sarasota County	1	Thermo 1405
Sarasota County	1	Teledyne T640

3. Air Monitoring Network Modifications

This Air Monitoring Network Plan lists the known changes to the network that have occurred in the last 18 months and those expected to occur in fiscal year (FY) 2026. The discussion within this plan is organized as follows:

- Sites scheduled for start-up, shut down, or relocation;
- Scheduled monitor changes and discontinuations; and
- Network descriptions organized by pollutant for 2025.

This plan also provides additional site information in Appendix A, a summary of all site reviews for the network in Appendix B, and the network description in Appendix C. Florida DEP reserves the right to make unplanned network changes in the event a site needs to be closed or relocated due to events beyond our control and will communicate these unforeseen events to the EPA. These may include, but are not limited to, issues with site access and unpredictable circumstances. Significant network modifications are provided in Table 3.1.

Table 3-1 Summary of Network Modifications

AQS #	Site Name	Parameter	Modification
12-011-0033	Vista View Park	Ozone, $PM_{2.5}$	Planned site shut down (SD). Relocation expected in 2026 to Miramar (AQS # 12-011-0036)
12-011-0036	Miramar	Ozone, $PM_{2.5}$	Planned site start-up (SU). Relocation expected in 2026, replaces Vista View Park (AQS# 12-011-0033)
12-011-0035	Fort Lauderdale Near Road	CO, NO_2, $PM_{2.5}$, Black Carbon, and Met	Changed spatial scale from Urban to Micro
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	Black Carbon (BC)	Planned site start-up (SU) 4/1/2025
12-097-2002	Osceola Co. Fire Station	PM_{25}	Added a Teledyne T640 and Thermo 2025i to meet collocation requirements for expanding T640 network. SU 11/24/2024
12-011-0037	Pompano Beach EJ	PM_{25}	Planned site SU in July 2025. Approved by USEPA on 9/6/2024.
12-057-0101	NFI Trucking Yard	Pb	Temporary SPM monitor in operation since March 2022 Expected SD in 2025
12-086-0036	Jose Marti MAST EJ	NO_2, $PM_{2.5}$, PM_{10}	Planned site SU in December 2025. Approved by USEPA on 9/6/2024.

AQS #	Site Name	Parameter	Modification
12-086-0033	Palm Beach Fire Station	PM_{25}	Planned SD. Relocation expected in January 2026 to Honey Hill Fire Station (AQS# 12-086-0036)
12-086-0036	Honey Hill Fire Station	PM_{25}	Planned site SU. Relocation expected in January 2026, replaces Palm Beach Fire Station (AQS# 12-086-0033)
12-103-0028	St. Pete Midtown EJ	Ozone, $PM_{2.5}$, PM_{10}	Site SU January 1, 2025. Approved by USEPA on 9/6/2024.
12-105-6006	Baptist Children's Home	Ozone, $PM_{2.5}$, PM_{10}	Site SD on 8/26/2024. Relocation is expected in 2025.
12-105-0013	Wildwood	Ozone, $PM_{2.5}$, PM_{10}	Site SU expected late 2025/ early 2026. Relocation of Baptist Children's Home (AQS# 12-105-6006)

3.1 START-UPS, SHUT-DOWNS, AND RELOCATIONS UPDATES

A. Site Start-Ups

Please see Table 3.1 above for sites that have started up or are expected to start-up in FY2025/FY2026.

B. Site Shutdowns/Relocations

Miami-Dade County – Palm Springs Fire Station (AQS # 12-086-0033)

Miami-Dade County anticipates shutting down Palm Springs Fire Station (AQS # 12-086-0033) due to the inaccessibility of the FRM PM_{25} sampler on the roof of the fire station. A potential site, the Honey Hill Fire Station, has been identified 4 miles away from Palm Springs Fire Station. Due to the distance between the two sites, a new site name and AQS number will be assigned, Honey Hill Fire Station AQS# 12-086-0036. The manual PM_{25} FRM sampler will be replaced with a continuous PM_{25} T640 FEM sampler.

A preliminary site review was conducted on October 23, 2024. There are three small trees located in quadrants II, III, and IV that will need to be trimmed for the location to meet siting criteria found in 40 CFR Part 58, Appendix E. Miami-Dade County is working with their Internal Services Department (ISD) to have the trees trimmed. Site review information is presented in Table 3-2 below, and images of the site can be seen in Appendix A, Figures 7.1 – 7.6. The relocation is expected to occur in January 2026.

Two additional sites were also considered but ultimately rejected due to various siting issues. A site review was conducted on October 23, 2024, of Miami Gardens-Fire Station 11, located at

18705 NW 27 Avenue, Miami, Florida. This site was not selected because a large tree was located less than 10 meters from the planned shelter location. A site review of Miami Lakes- Fire Station 1 was also conducted on October 23, 2024. This site is located at 16699 NW 67 Avenue Miami Lakes, Florida and was not selected because there were trees around the fire station and the site location on the property was on the corner of a very busy intersection that led to the east bound SR836 highway.

Table 3-2 Miami-Dade County Honey Hill Fire Station Site (AQS# 12-086-0036)

Honey Hill Fire Station Site	
AQS Site #	12-086-0036
City (CBSA)	Opa-Locka
Site Name	Honey Hill Fire Station Site
Statement of Purpose	Monitoring Growth Impact
Site Review Date	10/23/2024
County	Miami-Dade County
Location Latitude	25.955306
Location Longitude	-80.279766
Address	4775 NW 199th Street, Opa-Locka, Florida 33055
Objective	Population Exposure
Pollutants Monitored	$PM_{2.5}$ Continuous
Sampling and Analysis Method	Teledyne T640
Spatial Scale	Neighborhood
Operating Schedule	Continuous
Network Type	SLAMS
Distance from Inlet to nearest:	Tree drip line: 5 meters Wall: NA Road: 64 meters
Access	Gated

Broward County -Vista View Park (AQS # 12-011-0033)

Broward County anticipates shutting down Vista View Park (AQS # 12-011-0033) due to the support structure of the building being compromised. After consulting with the Broward County Construction Management Division, it was determined that repairs to the building were not feasible and total replacement was required. To ensure better spatial coverage in Broward County, account for the growth in the newer southwestern parts of the county, and to do a better job of providing monitoring data of fires in the Everglades to Broward County residents, relocating the site to southwestern Broward County is necessary.

On September 29, 2024, EPA signed a grant agreement with Broward County to relocate this site within the Miami-Ft. Lauderdale-Miami Beach MSA, to the City of Miramar. The proposed site is located approximately 6.6 miles away from the existing Vista View site. A Revokable License Agreement for the use of the land was approved by Broward County and the City of Miramar in January 2025. To date, no work has been done on the new site.

A preliminary site review of the Miramar location was conducted in October 2023. It was determined that the site meets siting criteria as described in 40 CFR Part 58, Appendix E. Table 3-3 contains additional siting information, and images of the Miramar site can be found in Appendix A, Figures 7.9 – 7.13.

Vista View Park (AQS # 12-011-0033) is expected to be shut down and relocated to the new site in 2026. Due to the change in address, a new site name and AQS Site Identification number, Miramar (AQS #011-0036) will be assigned.

Table 3-3 Miramar Site (AQS # 12-011-0036)

Miramar Site	
AQS Site #	12-011-0036
City (CBSA)	Miramar; MSA-Miami, Ft. Lauderdale, Miami Beach
Site Name	Miramar
Statement of Purpose	Trends Monitoring
Site Review Date	10/17/2023
County	Broward County
Location Latitude	25.981390
Location Longitude	-80.393792
Address	Sunset Lakes Community Center, 2801 SW 186th Ave. Miramar, Florida 33029
Objective	Population Exposure
Pollutants Monitored	Ozone, $PM_{2.5}$ Continuous
Sampling and Analysis Method	Teledyne T400, Teledyne T640
Spatial Scale	Neighborhood
Operating Schedule	Continuous
Network Type	SLAMS
Distance from Inlet to nearest:	Tree drip line: 24 meters Wall: N/A Road: 106 meters
Access	Unobstructed access

Polk County – Baptist Children's Home (AQS# 12-105-6006)

The Baptist Children's Home property owners notified FDEP that they would be developing the site and requested that the property be vacated. The Baptist Children's Home (AQS# 12-105-6006) site was shut down on August 26, 2024. A search to relocate the ozone and PM_{10}/PM_{25} T640X monitors within Polk County has included the following institutions: Florida Southern College, Polk State College, and Florida Polytechnic University, state parks in the area, a local park called Holloway Park in Lakeland, Florida, and the Lakeland Airport. Attempts to come to an agreement to set up an air monitoring station on these properties were unsuccessful.

A site has been located approximately 12 miles from the Baptist Children's Home site within the Lakeland-Winter Haven (Polk County) MSA in the City of Bartow. A preliminary site review was conducted on April 9, 2025. It was determined that the site meets siting criteria as described in 40 CFR Part 58, Appendix E. There is an oak tree located to the southeast of the proposed shelter location that will be removed prior to site start-up. Table 3-4 contains additional siting information. Images of the Wildwood site can be found in Appendix A, Figures 7.14 – 7.19. Due to the change in address, a new site name and AQS site identification number, Wildwood (AQS #105-0013) will be assigned. Site start-up is anticipated by late 2025 or early 2026.

Table 3-4 Wildwood Site (AQS # 12-105-0013)

Wildwood Site	
AQS Site #	12-105-0013
City (CBSA)	Lakeland-Winter Haven (Polk County)
Site Name	Wildwood
Statement of Purpose	Needed by Regulation
Site Review Date	April 9, 2025
County	Polk County
Location Latitude	27.888061
Location Longitude	-81.858597
Address	800 South Woodlawn Ave. Zip Code 33830
Objective	Population Exposure
Pollutants Monitored	Ozone, $PM_{2.5}$ Continuous, PM_{10} Continuous
Sampling and Analysis Method	Thermo 49i, Teledyne T640X
Spatial Scale	Neighborhood
Operating Schedule	Continuous
Network Type	SLAMS
Distance from Inlet to nearest:	Tree drip line: 16 meters Wall: N/A Road: 25 meters
Access	Unobstructed access

C. Site Updates

Broward County – Pompano Beach EJ Site (AQS# 12-011-0037)

The Pompano Beach EJ site (AQS# 12-011-0037) was approved by EPA on September 6, 2024. Currently, Broward County is working with its Construction Management Division to provide an estimate for getting electricity to the site. The anticipated start-up date is July 2025.

Orange County – I-4 Near Road Site (AQS # 12-095-0009)

The I-4 Near Road site (AQS # 12-095-0009) was approved by EPA on July 24, 2017, for a temporary discontinuance due to ongoing construction along the I-4 corridor. The I-4 construction project was completed in February 2022, and the site is now fully operational. Data collection for CO began on July 25, 2024, NO_2 began on November 7, 2024, and PM_{25} began on July 24, 2024.

Orange County – President Drive Near Road Site (AQS # 12-095-0011)

The President's Drive Near Road Site was approved by EPA on March 9, 2022. The site is now fully operational. Data collection for CO began on July 25, 2024, NO_2 began August 23, 2024, and PM_{25} began on July 24, 2024.

Lee County – Winkler Pump Station (AQS # 12-071-0005)

In October 2022, Winkler Pump Station sustained irreparable damage from Hurricane Ian. The shelter has been replaced, and the site is now fully operational. Data collection for the primary T640X monitor measuring PM_{10} and PM_{25} began on December 11, 2024, the collocated T640X monitor began data collection on December 18, 2024, and ozone began data collection on December 6, 2024

Miami-Dade County – Jose Marti MAST EJ site (AQS # 12-086-0036)

The Jose Marti MAST EJ site (AQS # 12-086-0036) was approved by EPA on September 6, 2024. Currently, Miami-Dade is working with the Miami-Dade County School Board to develop a lease agreement to establish an air monitoring station on the Jose Marti MAST Academy property. Site startup is expected in December 2025.

Hillsborough County – NFI Trucking Yard (AQS # 12-057-0101)

There is one lead (Pb) Special Purpose Monitor (SPM) in operation at 2000 North 62nd Street, Tampa, FL, 33619 in the NFI Trucking Terminal yard. It is located close to the building which prevents it from meeting siting criteria. It was placed there in response to citizen concerns and to monitor in the East-West Direction of the lead smelter facility. Operations began in March 2022, and is expected to operate through April 2025, at which time the project will be reevaluated and a determination for continuance will be made.

4. Florida's Ambient Air Monitoring Network 2025

The Ambient Air Monitoring Section in Florida is responsible for measuring levels of regulated pollutants in the ambient air by maintaining a network of 89 monitoring stations across the state and measuring the concentration of pollutants such as ozone, lead, particulate matter, nitrogen oxides, sulfur dioxide, and carbon monoxide. These monitoring services are provided following EPA regulatory requirements. The criteria pollutant monitoring system is designed to collect measurements to assess compliance with the national ambient air quality standards (NAAQS) as set by the EPA. The NAAQS defines air pollutant concentration levels judged necessary to protect public health and welfare. This section provides details of each pollutant network within Florida's ambient air monitoring network.

4.1 OZONE NETWORK

Florida's PQAO operates an extensive ozone network covering the state from large urban areas to smaller rural areas totaling 56 monitoring sites. This network enables the state of Florida to learn how ozone is transported to and within the state, to identify the parts of the state with peak ozone concentrations, and to determine where ozone concentrations do and do not exceed the NAAQS. Table 4.1 lists all ozone monitoring stations within the state and their 2022-2024 design values.

Table 4-1 Florida's Ozone Network

AQS #	Site Name	Pollutant	2022-2024 Design Values (ppb)
12-001-3012	Paynes Prairie Farm	Ozone	58
12-003-0002	Osceola National Forest - Olustee Ranger Station	Ozone	59
12-005-0006	St. Andrews State Park	Ozone	60
12-009-0007	Melbourne	Ozone	60
12-009-4001	Cocoa Beach	Ozone	62
12-011-0033	Vista View Park	Ozone	58
12-011-0034	Daniela Banu (NCore Site)	Ozone	59
12-011-2003	Pompano Highland Fire House	Ozone	57
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	Ozone	58
12-021-0004	Laurel Oak Elementary	Ozone	59
12-023-0002	Lake City - Veterans Domicile	Ozone	62
12-031-0077	Sheffield Elementary	Ozone	60
12-031-0100	Mayo Clinic	Ozone	64
12-031-0106	Cisco Drive	Ozone	61
12-033-0004	Ellyson Industrial Park	Ozone	61
12-033-0018	Pensacola NAS	Ozone	65
12-035-0004	Flagler	Ozone	59
12-055-0003	Archbold Biological Station	Ozone	60

AQS #	Site Name	Pollutant	2022-2024 Design Values (ppb)
12-057-0081	Simmons Park	Ozone	66
12-057-1035	Davis Island (Coast Guard Station)	Ozone	64
12-057-1065	USMC Reserve Center (Gandy)	Ozone	68
12-057-3002	Sydney (NCore Site)	Ozone	58
12-059-0004	Bonifay	Ozone	57
12-069-0002	Clermont	Ozone	62
12-071-0005	Winkler Pump Station	Ozone	Not Available – Data Completeness
12-071-2002	Cape Coral - Rotary Park	Ozone	61
12-073-0012	Tallahassee Community College	Ozone	58
12-081-3002	Port Manatee	Ozone	Not Available – Data Completeness
12-081-4012	GT Bray Park	Ozone	Not Available – Data Completeness
12-081-4013	39th Street Park	Ozone	Not Available – Data Completeness
12-083-0003	Ocala - YMCA	Ozone	62
12-083-0004	Marion County Sheriff	Ozone	58
12-085-0007	Stuart	Ozone	56
12-086-0027	Rosenstiel (University of Miami)	Ozone	65
12-086-0029	Perdue	Ozone	Not Available – Data Completeness
12-091-0003	Fort Walton Beach Stillwell Park	Ozone	Not Available – Site SU 5/2023
12-095-0010	Skyview	Ozone	65
12-095-2002	Winter Park	Ozone	66
12-097-2002	Osceola Co. Fire Station	Ozone	63
12-099-0021	Lantana Preserve	Ozone	56
12-099-0022	Lamstein Lane	Ozone	55
12-101-0005	San Antonio	Ozone	62
12-101-2001	Holiday	Ozone	62
12-103-0004	St. Petersburg College	Ozone	65
12-103-0018	Azalea Park	Ozone	61

AQS #	Site Name	Pollutant	2022-2024 Design Values (ppb)
12-103-0028	St. Pete Midtown	Ozone	Not Available – Site SU 1/2025
12-103-5002	John Chesnut Sr. Park - East Lake	Ozone	62
12-105-6005	Sikes Elementary School	Ozone	63
12-105-6006	Baptist Children's Home	Ozone	Not Available – Data Completeness
12-111-0013	Savannas	Ozone	57
12-113-0015	Woodlawn Beach Middle School	Ozone	64
12-115-1005	Lido Park	Ozone	63
12-115-1006	Paw Park	Ozone	62
12-115-2002	Jackson Road	Ozone	60
12-117-1002	Sanford (Seminole Community College)	Ozone	61
12-127-5002	Daytona - Blind Services	Ozone	58
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	Ozone	56

4.2 $PM_{2.5}$ NETWORK

The Federal Reference Method and Federal Equivalent Method Network

Florida's PQAO currently operates 8 federal reference methods (FRM) and 38 federal equivalent method (FEM) monitors, for a total of 46 monitors of which there are 38 primary monitors and 8 collocated monitors. All of Florida's FEM monitors can be used to determine compliance with the NAAQS. However, we are evaluating the near-road $PM_{2.5}$ monitor in Broward County to determine its suitability for comparison to the NAAQS. This network is sufficient to protect the health and welfare of Florida's residents and environment. It also provides information on how fine particles are transported to and within the state, to identify the parts of the state with the highest concentrations of fine particles, and to determine where fine particle concentrations do and do not exceed the NAAQS. Florida's $PM_{2.5}$ monitoring sites are detailed in Table 4.2.

Table 4-2 Florida's $PM_{2.5}$ Network

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2022-2024 Design Values	Comments
12-001-3012	Paynes Prairie Farm	FEM	Continuous	6.2	
		FEM	Continuous		Collocated monitor, same method designation
12-009-0007	Melbourne	FEM	Continuous	6.2	
12-011-0033	Vista View Park	FEM	Continuous	5.7	
12-011-0034	Daniela Banu (NCore Site)	FEM	Continuous	6.3	
		FRM	Every 3rd Day		Collocated FRM monitor
12-011-0035	Fort Lauderdale Near Road	FEM	Continuous	8.9	Near road
12-011-0037	Pompano Beach EJ	FEM	Continuous		Planned SU 2025
12-011-2003	Pompano Highland Fire House	FEM	Continuous	6.6	
12-011-5005	Coconut Creek	FEM	Continuous	Not Available – Data Completeness	
12-031-0032	Kooker Park	FEM	Continuous	Not Available – Monitor Start-up 2023	
12-031-0098	Mandarin Rd Site	FEM	Continuous	7.0	
12-031-0099	Sunny Acres	FEM	Continuous	7.0	SU 01/2023
12-031-0108	Pepsi Place (PP-PPL)	FEM	Continuous	7.6	Near road

12-033-0004	Ellyson Industrial Park	FEM	Continuous	8.4	
12-033-0018	Pensacola NAS	FEM	Continuous	Not Available	SU 5/1/2024
12-057-0113	Munro Street	FEM	Continuous	7.4	Near road
12-057-3002	Sydney (NCore Site)	FRM	Every 3rd Day	7.4	Collocated monitor
		FEM	Continuous		
12-071-0005	Winkler Pump Station	FEM	Continuous	Not Available – Data Completeness	
		FEM	Continuous		Re-established 12/2024; Collocated monitor, same method designation
12-073-0012	Tallahassee Community College	FRM	Every 3rd Day	7.8	
		FRM	Every 12th Day		Collocated monitors, same method designation
12-085-0007	Stuart	FEM	Continuous	Not Available -Monitor Start-up 12/2022	
12-086-0033	Palm Springs Fire Station	FRM	Every 3rd Day	6.6	Planned relocation and method change to FEM
12-086-0036	Jose Marti MAST EJ	FEM	Continuous		Planned SU 2025
12-086-1016	Miami Fire Station	FEM	Continuous	7.6	
		FRM	Every 12th Day		Collocated FRM monitor
12-086-6002	Wittkop Park	FEM	Continuous	7.1	
12-095-0009	I-4 Near Road	FEM	Continuous	Not Available – Site had a temporary	Re-established 7/2024 Near road

				monitoring waiver	
12-095-0011	Presidents Drive	FEM	Continuous	Not Available – Monitor Start-up 2024	SU 7/2024 Near road
12-095-2002	Winter Park	FEM	Continuous	Not Available – Data Completeness	
12-097-2002	Osceola Co. Fire Station	FRM	Every 12th day	Not Available – Monitor Start-up 2024	Collocated FRM monitor
		FEM	Continuous		
12-099-0008	Belle Glade	FEM	Continuous	6.5	
12-099-0022	Lamstein Lane	FEM	Continuous	6.3	
12-099-2005	Delray Beach	FEM	Continuous	6.6	
12-103-0004	St. Petersburg College	FEM	Continuous	6.2	
12-103-0018	Azalea Park	FEM	Continuous	7.0	
12-103-0028	St. Pete Midtown EJ	FEM	Continuous		SU 1/2025
12-103-5002	John Chesnut Sr. Park - East Lake	FEM	Continuous		SLAMS monitor SU 1/2025
12-105-6006	Baptist Children's Home	FEM	Continuous	Not Available – Data Completeness	Temporary SD. Planned relocation
12-115-0013	Bee Ridge Park	FEM	Continuous	6.8	
12-117-1002	Sanford	FEM	Continuous	Not Available – Data Completeness	
		FRM	Every 12th Day		Collocated FRM monitor

12-127-5002	Daytona - Blind Services	FEM	Continuous	7.2	

4.3 NCORE NETWORK

The National Core (NCore) monitoring network has approximately 80 sites nationwide and was designed with the intent to have a network made of largely population-oriented sites and some rural sites that take advantage of multi-pollutant monitoring. Details of the NCore network are provided on EPA's website at https://www.epa.gov/amtic/ncore-monitoring-network. Table 4.3 provides information on Florida's NCore sites.

Table 4-3 NCore Sites in Florida

AQS #	Site Name	Parameter
12-129-0001	St. Marks National Wildlife Refuge	O_3, NO_y, CO, SO_2_TL, Continuous $PM_{2.5}$
12-011-0034	Daniela Banu	O_3, NO_y_TL, NO_z_TL, NO_TL, CO_TL, SO_2_TL, Continuous $PM_{2.5}$, $PM_{10-2.5}$, Low Volume PM_{10}, PM_{10} and $PM_{2.5}$
12-057-3002	Sydney	O_3, NO_y_TL, NO_z_TL, NO_TL, CO_TL, SO_2_TL, Continuous $PM_{2.5}$, $PM_{10-2.5}$, PM_{10} and $PM_{2.5}$

EPA only requires two NCore monitoring sites for the State of Florida, but the PQAO currently operates three sites. EPA requested that Florida DEP operate a rural NCore site at the St. Marks National Wildlife Refuge to enhance the coverage for the southeastern United States. The St. Marks National Wildlife Refuge site (AQS # 12-129-0001) takes advantage of the existing Interagency Monitoring of Protected Visual Environments (IMPROVE) and Florida DEP monitoring for particulate matter and ozone, respectively.

Building on the Speciation Trends Network (STN), the two required NCore sites are in the largest Metropolitan Statistical Areas in the state - the Miami-Fort Lauderdale-Miami Beach area (more than 6 million) and Tampa-St. Petersburg-Clearwater area (more than 2 million). In the Miami-Fort Lauderdale-Miami Beach area, the Daniela Banu site is the NCore site (AQS # 12-011-0034), which is operated by Broward County. The site began operation in August 2015 and the meteorological instruments have been operational since January 2020.

In the Tampa-St. Petersburg-Clearwater area, the Sydney site is the NCore site (AQS # 12-057-3002), which is operated by Hillsborough County. This site was used as part of a large and intense nitrogen deposition study called the Bay Regional Atmospheric Chemistry Experiment (BRACE). It has also been monitoring trace SO_2, CO and total reactive nitrogen (NO_y) since 2004. Since the primary use of the NCore sites is to obtain air quality trends analyses, Sydney's location in a more rural part of the county is ideal for tracking trends that reflect the increasing population.

4.4 PAMS Network

The NCore sites in Metropolitan Statistical Areas with populations over one million will be required to incorporate the Photochemical Assessment Monitoring Station (PAMS) program in accordance with 40 CFR part 58, Appendix D, section 5(a). The PAMS measurements include:

1. Hourly averaged speciated volatile organic compounds (VOCs);
2. Three eight-hour averaged carbonyl samples per day on a 1 in 3-day schedule, or hourly averaged formaldehyde;
3. Hourly averaged O_3;
4. Hourly averaged nitrogen oxide (NO), true nitrogen dioxide (NO_2), and total reactive nitrogen (NO_y);
5. Hourly averaged ambient temperature;
6. Hourly vector-averaged wind direction[1];
7. Hourly vector-averaged wind speed[1];
8. Hourly average atmospheric pressure;
9. Hourly averaged relative humidity;
10. Hourly precipitation;
11. Hourly averaged mixing-height;
12. Hourly averaged solar radiation; and
13. Hourly averaged ultraviolet radiation.

The Daniela Banu (AQS # 12-011-0034) and Sydney (AQS # 12-057-3002) NCore sites located in Broward and Hillsborough counties, respectively, are required to implement PAMS monitoring. Broward and Hillsborough counties have created a separate Primary Quality Assurance Organization (PQAO) for the PAMS network, hereafter known as the Florida PAMS PQAO. The Broward County PAMS network started operations in the 2021 PAMS season, and the NO_2 data collected went through the certification process for 2021. Broward County will monitor and report PAMS required meteorological parameters during the 2025 PAMS season.

The Hillsborough County PAMS network intends to be operational for the 2025 PAMS season. The service and validation process will be contracted with Orsat. The PAMS Network Plan for each county is provided below; these are new parameters at the existing sites utilized for the NCORE network.

PAMS Monitoring Network – Broward County

PAMS Monitoring Site: Daniela Banu PAMS site (AQS # 12-011-0034) utilizes the NCORE network at Daniela Banu. Broward County reports Angular Wind Direction and Wind Speed

Table 4-4 PAMS Network Description, Broward County

Pollutant	Operating Schedule	Sampler	Monitoring Objective	Spatial Scale
NO2	PAMS Season	Teledyne T500U	PAMS	NBH
VOCs	PAMS Season	CAS Auto GC-FID	PAMS	NBH
Carbonyls	PAMS Season	ATEC 8000-2	PAMS	NBH
Mixing Height	PAMS Season	Vaisala CL-51	PAMS	NBH
Barometric Pressure	PAMS Season	RM Young 61402V	PAMS	NBH
Rainfall	PAMS Season	RM Young 52203	PAMS	NBH
UV Radiation	PAMS Season	Kipp & Zonen SUV5-V	PAMS	NBH
Solar Radiation	PAMS Season	Kipp & Zonen SMP6-V	PAMS	NBH
Temperature	PAMS Season	RM Young 41342VC	PAMS	NBH

PAMS Monitoring Network – Hillsborough County

PAMS Monitoring Site: Sydney PAMS site (AQS # 12-057-3002) utilizes the NCORE network at Sydney.

Table 4-5 PAMS Network Description, Hillsborough County

Pollutant	Operating Schedule	Sampler	Monitoring Objective	Spatial Scale
NMHC	Continuous, PAMS season ONLY	Markes-Agilent Auto-GC FID	POP EXP	NBH
Carbonyls	3 - 8-hour samples, 1-in-3, during national ozone season ONLY	ATEC 8000	POP EXP	NBH
NO_2	Continuous, Year-round	Teledyne T500U	POP EXP	NBH
UV/Solar Radiation	Continuous, PAMS season ONLY	Kipp & Zonen SUV5-V & SMP6-V	POP EXP	NBH
Precipitation Gage	Continuous, PAMS season ONLY	RM Young 52202	POP EXP	NBH
Atmospheric Pressure Gauge	Continuous, PAMS season ONLY	RM Young 61302L	POP EXP	NBH
Mixing Height	Continuous, during PAMS season ONLY	Vaisala CL51 Ceilometer	POP EXP	NBH

4.5 NATTS NETWORK

The National Air Toxics Trends Station (NATTS) Network was developed to fulfill the need for long-term Hazardous Air Pollutants (HAPs) monitoring data of consistent quality. Among the principal objectives are assessing trends and emission reduction program effectiveness, as well as assessing and verifying air quality models. The current NATTS network configuration includes 27 sites (20 urban, 7 rural) across the United States. There are typically more than 100 pollutants monitored at each NATTS, although only 19 are required. These include VOCs, carbonyls, PM_{10} metals, hexavalent chromium, and Polycyclic Aromatic Hydrocarbons (PAHs). Table 4.6 lists the NATTS sites in Hillsborough and Pinellas counties. These counties jointly administer funds for the NATTS program. The two NATTS sites in Florida are in the Tampa Bay area: one in Hillsborough County (Sydney site AQS #12-057-3002) and the other in Pinellas County (Skyview site AQS # 12-103-0026). The NATTS/Air Toxics QAPP was approved in November 2021 and is currently under review by Florida's PQAO. A revised version is planned to be submitted to EPA for approval in 2024.

Table 4-6 NATTS Sites in Florida

AQS #	Site Name	County	Pollutants
12-103-0026	Skyview	Pinellas	VOCs, Carbonyls, PAHs, and Metals
12-057-3002	Sydney (NCore Site)	Hillsborough	VOCs, Carbonyls and Metals

4.6 SO_2 MONITORING NETWORK

Florida's air monitoring network complies with current SO_2 monitoring requirements. Ambient monitoring is required for Core Based Statistical Areas (CBSAs) whose Population Weighted Emission Index (PWEI) is above 5,000. One SO_2 monitor is required for CBSAs when the PWEI is above 5,000 and two monitors are required when the PWEI is above 100,000, with a unit of a million persons-tons per year. Additionally, one SO_2 monitor is required at each of the NCore sites. A summary of these requirements is provided in Table 4.7. The PWEI values listed were provided by EPA.

Table 4-7 SO_2 Monitoring Requirements

Core Based Statistical Areas (CBSA)	Counties	2023 Census Population	Total CBSA Emissions	PWEI 2017 NEI	SO_2 Monitors Needed	SO_2 Monitors Operating
Miami-Fort Lauderdale[1]-West Palm Beach	Broward, Miami-Dade, Palm Beach	6,275,251	5,378.63	33,167.24	1	2
Tampa[1]-St. Petersburg-Clearwater	Hernando, Hillsborough, Pasco, Pinellas	3,331,228	8,940.77	28,564.24	1	6
Orlando-Kissimmee-Sanford	Lake, Orange, Osceola, Seminole	2,833,764	4,826.09	12,587.14	1	1
Jacksonville	Baker, Clay, Duval, Nassau, St. Johns	1,726,739	9,832.24	15,333.52	1	2
North Port-Sarasota-Bradenton	Manatee, Sarasota	903,789	816.43	683.35	N/A	1
Lakeland-Winter Haven	Polk	797,616	15,598.24	11,305.24	1	1
Pensacola-Ferry Pass-Brent	Escambia, Santa Rosa	536,224	2,476.04	1,244.53	N/A	1
Palatka	Putnam	75,906	5,895.17	439.31	N/A	1
Tallahassee[1]	Gadsden, Jefferson, Leon, Wakulla	397,715	1,123.27	434.96	N/A	1
Homosassa Springs	Citrus	162,240	12,824.17	1,919.23	N/A	1
N/A	Hamilton	13,671	N/A	N/A	N/A	1
Total					**5**	**18**

[1] CBSA operates a NCORE Site

Table 4-8 Florida's SO_2 Network

CBSA	AQS #	Site Name	Pollutant	Monitoring Purpose
Miami-Fort Lauderdale- West Palm Beach	12-011-0034	Daniela Banu (NCore Site)	SO_2	Population
	12-086-0019	Pennsuco	SO_2	Population
	12-057-0109	East Bay	SO_2	Source
	12-057-1035	Davis Island (Coast Guard Station)	SO_2	Population
	12-057-3002	Sydney (NCore Site)	SO_2	Population
	12-103-0023	Derby Lane	SO_2	Population
	12-103-5003	Oakwood	SO_2	Source
Orlando-Kissimmee-Sanford	12-095-2002	Lake Isle Estates - Winter Park	SO_2	Regulatory
Jacksonville	12-089-0005	Fernandina Beach Wastewater Treatment Plant	SO_2	Regulatory
	12-031-0032	Kooker Park	SO_2	Data Trends
North Port-Sarasota-Bradenton	12-081-0028	Port Manatee DEP	SO_2	Source
Lakeland-Winter Haven	12-105-6005	Sikes Elementary School	SO_2	Regulatory
Pensacola-Ferry Pass-Brent	12-033-0004	Ellyson Industrial Park	SO_2	Population
Palatka	12-107-1008	Palatka Barge Port	SO_2	Source
Tallahassee	12-129-0001	St. Marks Wildlife Refuge (NCore Site)	SO_2	Background
Homosassa Springs	12-017-0006	Crystal River Preserve	SO_2	Source
N/A	12-047-0017	White Springs Plant	SO_2	Source

4.7 NO_2 MONITORING NETWORK

There are two phases for the implementation of NO_2 near-road monitoring:

- Phase I: CBSAs with a population over 1 million are required to have at least one NO_2 near-road monitor, and
- Phase II: CBSAs with a population over 2.5 million or more are required to operate two NO_2 near-road monitors.

Phase I and II NO_2 near-road monitoring also require community-wide monitoring for areas with a population over 1 million and NO_2 monitoring of vulnerable and susceptible populations.

In Florida, the NO_2 near-road monitoring areas are Tampa, Fort Lauderdale, Jacksonville, and Orlando. All Phase I NO_2 near-road sites within these areas have been established. However, the Phase I near-road NO_2 site (I-4 Near Road site AQS # 12-095-0009) in Orange County received a temporary monitoring waiver from EPA Region 4 in July 2017 due to ongoing construction on I-4, which resulted in environmental conditions that are not representative of the ambient air. The I-4 construction was completed in February 2022, and the I-4 Near Road site has been operational as of July 2024.

The 2018 census estimates indicated that the population for the Orlando-Kissimmee CBSA is above 2.5 million and as a result requires a second NO_2 near-road site. Florida DEP, Orange County, and EPA Region 4 worked collaboratively on the implementation of the site. A Network Plan Addendum for full evaluation of the second site (Presidents Drive site AQS # 12-095-0011) was available for public comment December 29, 2021, through January 28, 2022. EPA Region 4 approved the Presidents Drive site on March 8, 2022. The site is now fully operational as of July 2024.

All other Phase II NO_2 near-road sites located in the Tampa-Saint Petersburg-Clearwater (Sawgrass Lake Park site AQS # 12-103-0027) and Miami-Fort Lauderdale-West Palm Beach (Perimeter Road site AQS # 12-086-0035) CBSAs are currently established and operational.

A summary of the NO_2 monitoring requirements is provided in Table 4.9 and the designated community-wide and vulnerable and susceptible monitors for the state are provided in Table 4.10.

Table 4-9 NO_2 Monitoring Required by 2010 NAAQS

CBSAs with Population over 1,000,000	2023 Census Population	AADT ≥250,000	Required Near-road Monitors	Required Community-wide Monitor	Vulnerable and Susceptible	Total
Miami-Fort Lauderdale-West Palm Beach	6,275,251	✓	2 [1]	1	1	4
Tampa-St. Petersburg-Clearwater	3,331,228	N/A	2 [1]	1	N/A	3
Orlando-Kissimmee	2,833,764	N/A	2 [1]	1	N/A	3
Jacksonville	1,726,739	N/A	1	1	N/A	2
Total						**12**

[1] Population greater than 2.5 million requires two near-road sites.

Community-wide NO_2 Monitoring

Community-wide NO_2 monitoring sites are required in each CBSA with a population of 1 million or more. In Florida, there are four CBSAs that meet this criterion: Miami-Fort Lauderdale-West Palm Beach, Tampa-St. Petersburg-Clearwater, Orlando-Kissimmee, and Jacksonville. The NO_2 monitors that have been designated as community-wide monitors are listed in Table 4.10 below.

Vulnerable and Susceptible Monitoring

The 2010 NO_2 NAAQS revision included monitoring requirements for vulnerable and susceptible populations. Vulnerable populations are those exposed to higher concentrations of NO_2, such as individuals living and working near high traffic volume highways, and this exposure will be monitored with the near-road network. Susceptible populations are those affected by lower levels of NO_2 or that experience a larger health impact than the general population to a given level of exposure. Per EPA's Integrated Science Assessment for Oxides of Nitrogen-Health Criteria, factors that can confer susceptibility include pre-existing diseases (e.g., asthma).

Florida participates in the National Environmental Public Health Tracking Network supported by the U.S. Centers for Disease Control. This program examines health and environmental data to help federal, state, and local agencies plan, apply and develop environmental public health actions. Higher rates of asthma hospitalizations are used as an indicator of vulnerable and susceptible communities in Florida. Miami-Dade County's NO_2 site, located at the University of Miami, Rosenstiel site (AQS # 12-086-0027), has been designated as a vulnerable and susceptible monitoring site for NO_2. Figure 4.1 provides the most recent year of Florida's rate of asthma hospitalization by county for which data are available as of the writing of this document. A link to the full list of the NO_2 monitors identified by the Regional Administrators can be found on EPA's website at https://www.epa.gov/amtic/near-road-monitoring.

Figure 4.1 2023 Florida Hospitalizations for Asthma

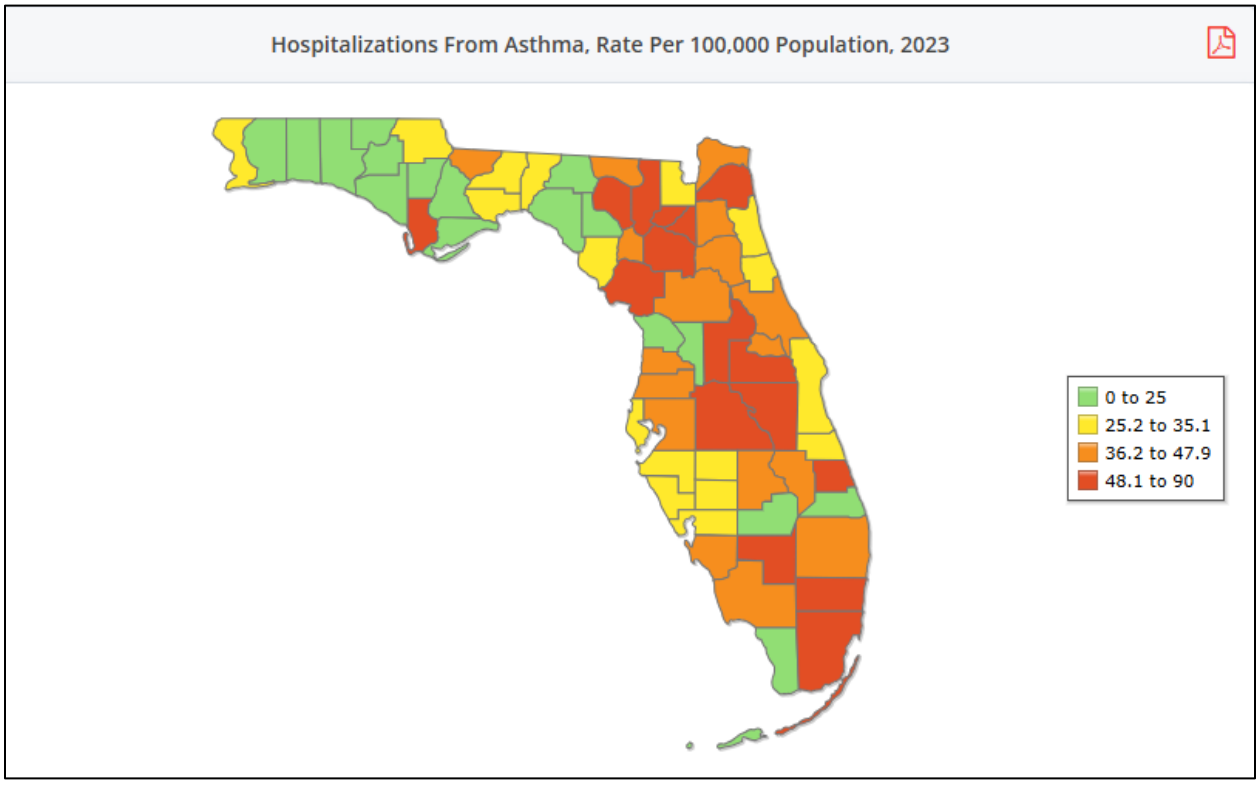


Table 4-10 Florida's NO_2 Near-road Network and Monitor Designations

CBSAs with Population over 500,000	AQS #	Site Name	Designation
Miami-Fort Lauderdale-Pompano Beach	12-011-0035	Fort Lauderdale Near-road	NO_2 Near-road
	12-011-8002	Dr. Von Mizell-Eula Johnson State Park	NO_2 Community-wide Monitor
	12-086-0027	Rosenstiel (University of Miami)	NO_2 Vulnerable and Susceptible monitor
	12-086-0035	Perimeter Road Near-road	NO_2 Near-road
	12-086-0019	Pennsuco	NO_2 Network
	12-086-0036	Jose Marti MAST	NO_2 Community-wide Monitor
Tampa-St. Petersburg-Clearwater	12-057-0113	Munro Street Near-road	NO_2 Near-road
	12-103-0018	Azalea Park	NO_2 Community-wide Monitor
	12-103-0027	Sawgrass Lake Park Near-road	NO_2 Near-road
Orlando-Kissimmee	12-095-0009	I-4 Near-road	NO_2 Near-road
	12-095-0011	Presidents Drive	NO_2 Near-road
	12-095-2002	Lake Isle Estates – Winter Park	NO_2 Community-wide Monitor
Jacksonville	12-031-0032	Kooker Park	NO_2 Community-wide Monitor
	12-031-0108	Pepsi Place Near-road	NO_2 Near-road

4.8 CO MONITORING NETWORK

Florida's carbon monoxide (CO) network covers large urban areas to smaller rural areas, totaling 11 monitoring sites. This network enables the state of Florida to monitor the consistent decrease in CO emissions within the state and to identify the parts of the state with peak CO concentrations. Table 4.11 lists all CO monitoring stations within the state and any exceedances for calendar years 2022 to 2024.

Table 4-11 Florida's CO Network

AQS #	Site Name	Pollutant	Exceedances for 2022-2024	Comments
12-011-0034	Daniela Banu (NCore Site)	CO	0	
12-011-0035	Fort Lauderdale Near Road	CO	0	Supports Near-road NO_2 Monitoring
12-031-0108	Pepsi Place	CO	0	Supports Near-road NO_2 Monitoring
12-057-0113	Munro Street	CO	0	Supports Near-road NO_2 Monitoring
12-057-3002	Sydney (NCore Site)	CO	0	
12-086-0035	Perimeter Road	CO	0	
12-095-0009	I-4 Near Road	CO	0	SU July 2024
12-095-0011	Presidents Drive	CO	0	SU July 2024
12-095-2002	Lake Isle Estates - Winter Park	CO	0	
12-103-0027	Sawgrass Lake Park	CO	0	Supports Near-road NO_2 Monitoring
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	CO	0	

4.9 PM_{10} MONITORING NETWORK

The Federal Equivalent Method Network

Florida's PQAO currently operates 26 federal equivalent method (FEM) monitors. This network is sufficient to protect the health and welfare of Florida's residents and environment. It also provides information on how PM_{10} particles are transported to and within the state, to identify the parts of the state with the highest concentrations, and to determine where PM_{10} concentrations do and do not exceed the NAAQS. There is an approved siting criteria waiver for the source-oriented Woodlawn site in Pinellas County (AQS # 12-103-0012). Information for reevaluation of this siting waiver is provided in Section 5 of this Plan. All of Florida's PM_{10} monitoring sites meet the NAAQS for calendar years 2022 to 2024, as detailed in Table 4.12.

Table 4-12 Florida's PM_{10} Network

AQS #	Site Name	County	Method: FRM/ FEM	Operating Schedule	Exceedances for 2022-2024	Comments
12-009-0007	Melbourne	Brevard	FEM	Continuous	0	
12-011-0034	Daniela Banu (NCore Site)	Broward	FEM	Continuous	0	
12-011-5005	Coconut Creek	Broward	FEM	Continuous	0	
12-031-0032	Kooker Park	Duval	FEM	Continuous	0	
12-031-0098	Mandarin Rd Site	Duval	FEM	Continuous	0	
12-033-0004	Ellyson Industrial Park	Escambia	FEM	Continuous	0	Start Up 02/2021
12-057-0083	Gardinier Park	Hillsborough	FEM	Continuous	0	
12-057-1035	Davis Island (Coast Guard Station)	Hillsborough	FEM	Continuous	0	
12-057-3002	Sydney NCORE	Hillsborough	FEM	Continuous	0	Start Up 03/2024
12-071-0005	Winkler Pump Station	Collier	FEM	Continuous	0	
12-085-0007	Stuart	Martin	FEM	Continuous	0	Start Up 12/2022
12-086-1016	Miami Fire Station	Miami-Dade	FEM	Continuous	0	
12-086-6002	Wittkop Park	Miami-Dade	FEM	Continuous	1	Start Up 08/2023

AQS #	Site Name	County	Method: FRM/ FEM	Operating Schedule	Exceedances for 2022-2024	Comments
12-086-0036	Jose Marti MAST EJ	Miami-Dade	FEM	Continuous	0	Planned start up 12/2025
12-091-0003	Fort Walton Beach Stillwell Park	Okaloosa	FEM	Continuous	0	Start Up 5/2023
12-095-2002	Lake Isle Estates - Winter Park	Orange	FEM	Continuous	0	
12-099-2005	Delray Beach	Palm Beach	FEM	Continuous	0	
12-103-0012	Woodlawn	Pinellas	FEM	Continuous	0	
12-103-0018	Azalea Park	Pinellas	FEM	Continuous	0	
12-103-3004	County Motorpool	Pinellas	FEM	Continuous	0	
12-103-0028	St. Pete Midtown	Pinellas	FEM	Continuous	0	Start Up 1/1/2025
12-105-6006	Baptist Children's Home	Polk	FEM	Continuous	0	
12-107-1008	Palatka Barge Port	Putnam	FEM	Continuous	2	
12-115-1006	Paw Park	Sarasota	FEM	Continuous	0	
12-117-1002	Seminole Community College	Seminole	FEM	Continuous	0	
12-127-5002	Daytona - Blind Services	Volusia	FEM	Continuous	0	

4.10 LEAD MONITORING NETWORK

Florida's PQAO currently operates 3 lead (Pb) source monitors and 1 lead (Pb) special purpose monitor (SPM). This network is sufficient to protect the health and welfare of Florida's residents and environment. It also provides information on how Pb particles are transported to and within the state due to known sources and to determine where Pb source concentrations do and do not exceed the NAAQS. All of Florida's Pb monitoring sites and their 2022 to 2024 design values are detailed in Table 4.13 below.

Table 4-13 Florida's Lead Source Monitoring Network

AQS #	Site Name	2022-2024 Design Values
12-057-0100	Kenly	0.01
12-057-1066	CSX Railyard	0.12
12-057-1073	Patent Scaffolding	0.04
12-057-0101	NFI Trucking Yard	0.04

5. Monitoring Waivers

A. SITING CRITERIA

Per 40 CFR 58, Appendix E, Section 10: Waiver Provisions, EPA will consider a written request from the State agency to waive one or more siting criteria for some monitoring sites if the State can adequately demonstrate the need (purpose) for monitoring at that location. For existing sites, a waiver may be granted if either of the criteria in sections 10.1.1 and 10.1.2 is met:

- The site can be demonstrated to be as representative of the monitoring area as it would be if the siting criteria were being met.
- The monitor or probe cannot reasonably be located to meet the siting criteria because of physical constraints (e.g., inability to locate the required type of site the necessary distance from roadways or obstructions).

In this section, Florida DEP demonstrated that the siting waivers below meet the criteria of 10.1.1 or 10.1.2 for approval from the EPA's Regional Administrator.

Miami-Dade County – Rosenstiel (University of Miami) Site (AQS # 12-086-0027)

DEP is requesting a continuance of an approved waiver from the probe height siting requirements, per the criteria stated in section 10.1.2, for the NO2 and O3 sampler in Miami-Dade County at the Rosenstiel site, AQS Site # 12-086-0027. A site review conducted on July 29, 2024, found that the siting requirements in 40 CFR Part 58 Appendix E, Table E-4 could not be met. The site has historic data dating back to 1984 and site reviews consistently show the probe height to be above 15 meters as far back as 2006. The most recent site review information is provided in Table 5-1.

The site is located on Virginia Key, a barrier island in Miami-Dade County, on the roof of the University of Miami's Rosenstiel School of Marine and Atmospheric Sciences building. The probe height is 16.3 meters from the ground to the probe inlet, and there is unrestricted airflow 270° around the sampler. Moving the probe inlet 1.3 meters down would mean that it would be impossible to meet the 2 to 15 meters above ground level. Miami-Dade County would prefer to continue the operation of the site to meet local interests and to continue to provide educational and research benefits. In addition, relocation of this site on the barrier island is not feasible given its sensitive location, as Virginia Key is mostly a protected public park, with highly restrictive coastal building codes along this storm prone area.

Data collected pre-and post-discovery of siting issues correlate well and show negligible variability for the NO2 and O3 concentrations. Additionally, a data comparison of NO_2 and O_3 at Rosenstiel (AQS # 12-086-0027) to O_3 at Perdue (AQS # 12-086-0029) and NO_2 at Perimeter Near-Road (AQS # 12-086-0035) demonstrates levels are consistently below the NAAQS for NO_2 from 2017-2024 and O_3 concentrations from 2011-2024 (see Figures 5.4 through 5.7 below).

Table 5-1 2024 Site Review of Rosenstiel (University of Miami) AQS # 12-086-0027

Rosenstiel (University of Miami) Site	
AQS Site #	12-086-0027
City (CBSA)	Miami-Fort Lauderdale-Pompano Beach, FL
Site Name	Rosenstiel (University of Miami)
Statement of Purpose	NO2; Vulnerable and Susceptible Monitoring; O3; Needed by regulation
Site Review Date	July 29, 2024
County	Miami-Dade County
Location Longitude	-80.16187704
Location Latitude	25.7323427
Address	4600 Rickenbacker Causeway, Miami, FL 33149
Objective	Population Exposure
Pollutants Monitored	NO2, Ozone
Sampling and Analysis Method	NO2 (Teledyne T200), Ozone (Thermo 49i)
Spatial Scale	NBH
Operating Schedule	Continuous
Network Type	SLAMS
Distance from Inlet to nearest:	Wall/Inlet: Building 15.0 meters Tree Dripline: Palm Tree 27.0 meters Road: 60.0 meters
Access	Unlimited
Inlet Height	16.3 meters
Comments	The Ozone & NO2 inlets are above the 15 m limit. The height from the ground to the probe inlet is 16.3 meters.

Figure 5.1 Rosenstiel (University of Miami) (AQS # 12-086-0027); From South facing in

Figure 5.2 Rosenstiel (University of Miami) (AQS # 12-086-0027); From ground East facing in

Figure 5.3 Rosenstiel (University of Miami) (AQS # 12-086-0027); Aerial view

Figure 5.4 Annual Average of Ozone from Rosenstiel (AQS # 12-086-0027) and Purdue (AQS # 12-086-0029)

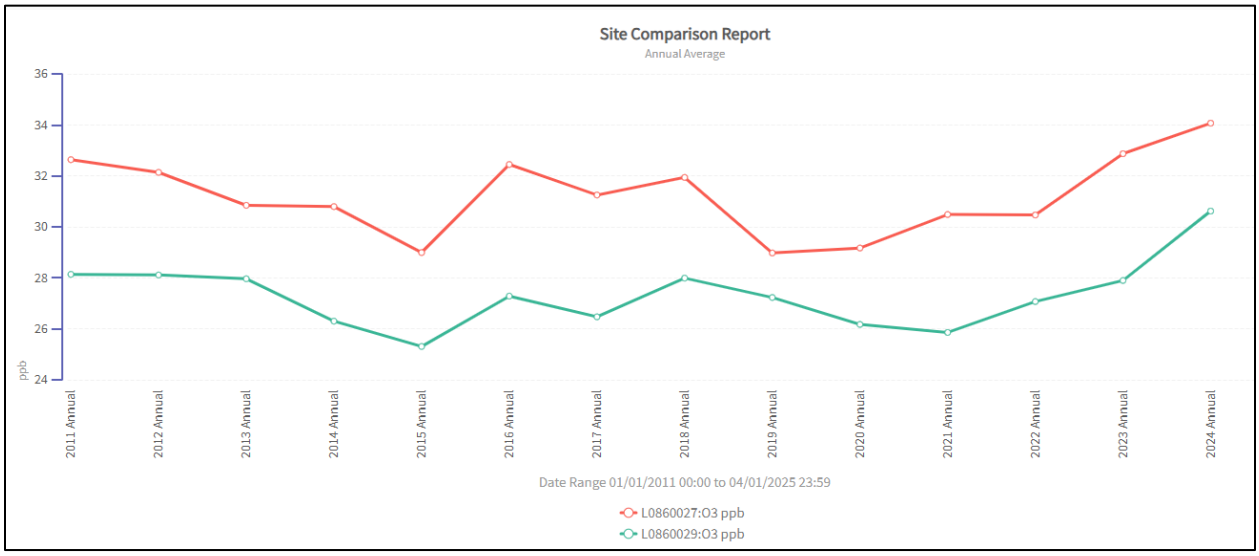


Figure 5.5 Daily Max 8-Hour Rolling Average of Ozone from Rosenstiel (AQS # 12-086-0027) and Purdue (AQS # 12-086-0029)

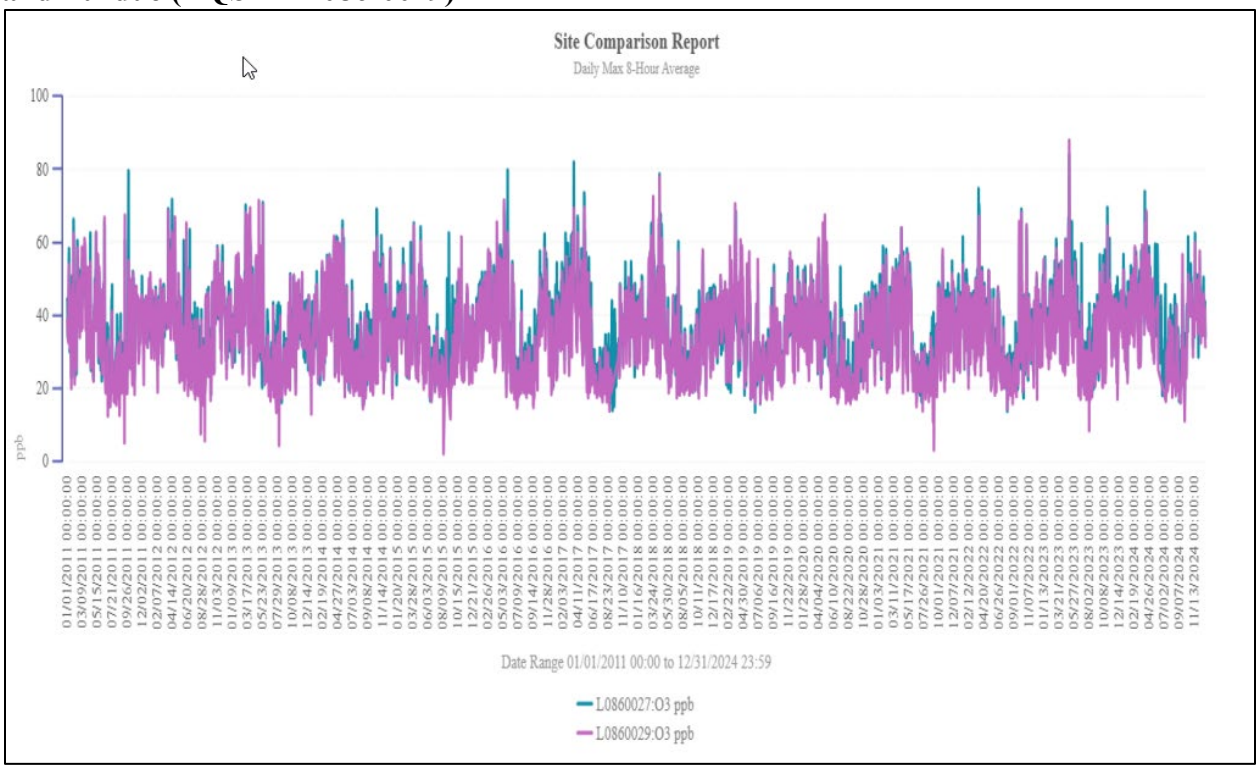


Figure 5.6 Annual Average of Nitrogen Dioxide from Rosenstiel (AQS # 12-086-0027) and Perimeter Near-Road (AQS # 12-086-0035)

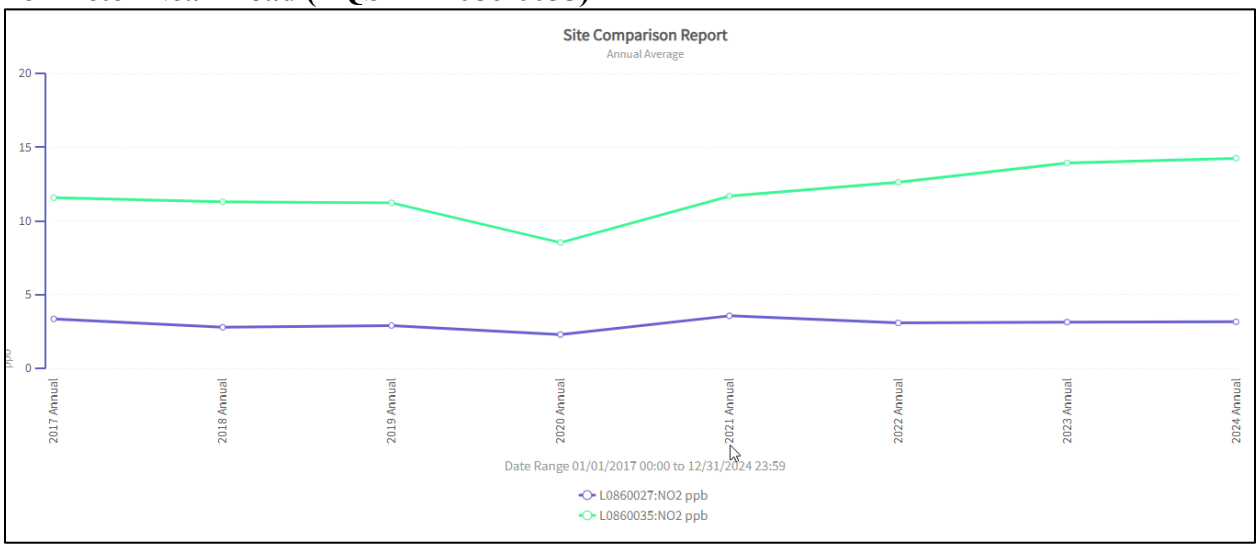
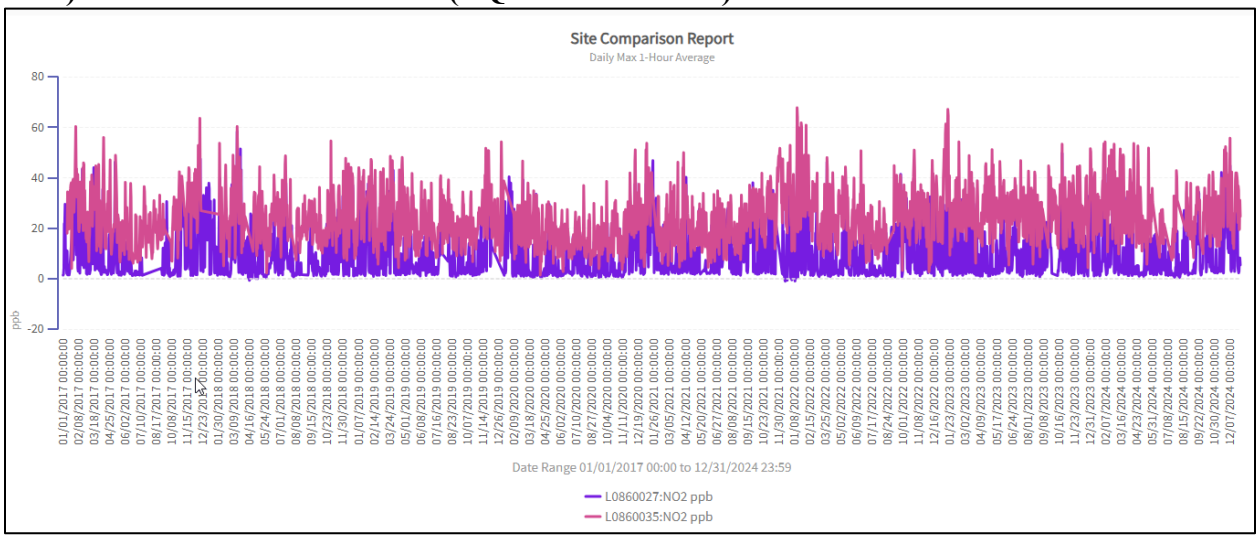


Figure 5.7 Daily Max 1-Hour Average of Nitrogen Dioxide from Rosenstiel (AQS # 12-086-0027) and Perimeter Near-Road (AQS # 12-086-0035)



Pinellas County – Woodlawn Site (AQS # 12-103-0012)

DEP is requesting the continuance of an approved waiver from the dripline siting requirements for the PM_{10} monitor in Pinellas County at the Woodlawn site, AQS Site # 12-103-0012. Site reviews conducted from 2015 through 2024 found that the siting requirements in 40 CFR Part 58 Appendix E, Table E-4 could not be met. The most recent site review information is provided in Table 5-2.

The site is on the edge of the neighborhood adjacent to an industrial area just west of the site, where elevated PM_{10} concentrations would not be unusual, especially due to its proximity to a cement plant (Carroll's Building Materials). There is unrestricted airflow 270° around the sampler and the tree in question is to the east, therefore it does not impact the direction of concern. The tree is located on the St. Petersburg Parks Department's property and requests for the removal of the tree were denied.

The site has been in operation since 1992, and Pinellas County would prefer to continue operation of the site to meet local interests. Data collected pre-and post-discovery of siting issues correlate well and show negligible variability for the PM_{10} concentrations. Additionally, the weighted annual averages for the Woodlawn and Davis Island sites demonstrates similar and consistent PM_{10} concentrations within the last 15 years (see Table 5.3 below), with no exceedances of the PM_{10} NAAQS.

Table 5-2 2024 Site Review of Woodlawn (AQS #12-103-0012)

Woodlawn Site	
AQS Site #	12-103-0012
City (CBSA)	St. Petersburg
Site Name	Woodlawn
Statement of Purpose	Needed by Regulation
Site Review Date	August 20, 2024
County	Pinellas County
Location Longitude	-82.658896
Location Latitude	27.785193
Address	1313 19th St. N.
Objective	High Concentration
Pollutants Monitored	PM_{10}
Sampling and Analysis Method	eBAM Plus, Continuous
Spatial Scale	NBH
Operating Schedule	Continuous
Network Type	SLAMS
Distance from Inlet to nearest:	Wall/Inlet = 29 meters Tree Dripline = 8.4 meters Road = 5.8 meters
Access	Unlimited
Inlet Height	2.25 meters
Comments	Located on a platform beside 19th Street North. Distance from trees within 10 meters; does not meet siting criteria.

Figure 5.8 Street View East facing in of Woodlawn (AQS #12-103-0012)

Figure 5.9 East facing out of Woodlawn (AQS #12-103-0012)

Figure 5.10 Aeriel view of Woodlawn (AQS #12-103-0012) and PM_{10} Source

Table 5-3 PM_{10} Weighted Annual Averages Woodlawn (AQS # 12-103-0012) and Davis Island (AQS # 12-057-1035) in µg/m3

Year	$PM_{10}C$ (AQS # 12-057-1035)	$PM_{10}M^2$ (AQS # 12-103-0012)	$PM_{10}C^2$ (AQS # 12-103-0012)
2009	20.7	21.2	N/A
2010	21.2	21.1	N/A
2011	20.3	17.6	N/A
2012	20.5	17.6	N/A
2013	19.8	16.2	N/A
2014	19.5	17.4	N/A
2015	18.4	18.3	N/A
2016	19.5	16.6	N/A
2017	19.2[1]	19.4	N/A
2018	18.3[1]	22.3	N/A

Year	$PM_{10}C$ (AQS # 12-057-1035)	$PM_{10}M$[2] (AQS # 12-103-0012)	$PM_{10}C$[2] (AQS # 12-103-0012)
2019	19.0	N/A	17.0
2020	20.2	N/A	18.5
2021	21.4	N/A	18.4
2022	21.4	N/A	19.6
2023	21.0	N/A	21.7
2024	20.7	N/A	19.2

[1] There was insufficient data to produce a valid average

[2] The PM_{10} monitor at Woodlawn was upgraded from a PM_{10} Manual to a PM_{10} Continuous monitor on January 1, 2019.

6. Glossary of Air Monitoring Terms

Acronym	Definition
AADT	Annual Average Daily Traffic
AAMNAG	Ambient Air Monitoring Network Assessment Guidance
AQI	Air Quality Index – EPA's standardized method of reporting air quality information and forecast to the public.
AQS	Air Quality System – EPA's repository of ambient air quality data.
BAM	Beta Attenuation Mass Monitor – a type of continuous $PM_{2.5}$ monitor.
BC	Black Carbon
CBSA	Core Based Statistical Area – a collective term for both metropolitan (metro) and micropolitan (micro) statistical areas.
CFR	Code of Federal Regulations
CEQ	Council on Environmental Quality-A council within the Executive Office of the President that coordinates the federal government's efforts to improve, preserve, and protect America's public health and environment.
CO	Carbon monoxide – an odorless, colorless gaseous; one of the "Six Common Air Pollutants," also known as "Criteria Pollutants," regulated by EPA.
EJ	Environmental Justice is the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability, in agency decision-making and other Federal activities that affect human health and the environment.
FE-AADT	Fleet Equivalent Annual Average Daily Traffic – a value calculated according to the NO_2 near-road technical assistance document, which weighs heavy-duty traffic 10 times more than other vehicles.
FEM	Federal Equivalence Method – method approved for comparison to NAAQS.
FRM	Federal Reference Method – method approved for comparison to NAAQS.
IMPROVE	Interagency Monitoring of Protected Visual Environments
MSA	Metropolitan Statistical Area – a "geographic entity defined by the U.S. Office of Management and Budget (OMB) for use by federal statistical agencies in collecting, tabulating, and publishing Federal statistics." A MSA consists of a core urban area of at least 50,000 people.
NAAQS	National Ambient Air Quality Standards – maximum threshold concentrations above which adverse health effects may occur. EPA established NAAQS for Criteria Pollutants based on the 1970 Clean Air Act.
NATTS	National Air Toxics Trends Stations
NCore	National Core multi-pollutant monitoring stations – a collection of monitors that integrates several advanced measurement systems for particles, pollutant gases and meteorology.
NEI	National Emissions Inventory
NO	Nitrogen oxide
NO_2	Nitrogen dioxide – a by-product of incomplete combustion that is intimately involved in photochemistry and ozone formation, as well as acid rain formation.
NO_x	A measure of total oxides of nitrogen, consisting primarily of nitrogen dioxide (NO_2) and nitric oxide (NO).

Acronym	Definition
NO_y	Total reactive nitrogen – a collective name for oxidized forms of nitrogen in the atmosphere, such as nitric oxide (NO), nitrogen dioxide (NO_2), nitric acid (HNO_3) and organic nitrates.
O_3	Ozone – a gaseous pollutant and a component of smog at ground level; one of the "Six Common Air Pollutants," also known as "Criteria Pollutants," regulated by EPA.
PAMS	Photochemical Assessment Monitoring Station
PM	Particulate Matter – also known as particle pollution.
$PM_{2.5}$	Particulate Matter 2.5 micrometers in diameter and smaller.
PM_{10}	Particulate Matter 10 micrometers in diameter and smaller.
$PM_{10-2.5}$	Particle size between 10 and 2.5.
PQAO	Primary Quality Assurance Organization
PWEI	Population Weighed Emissions Index
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SLAMS	State and Local Air Monitor Stations
SO_2	Sulfur dioxide
SPM	Special Purpose Monitors
STN	Speciation Trends Network
SU/SD	Set-up/ Shutdown

7. Appendices

Appendix A: Additional Network Information
This appendix provides additional information to facilitate a full evaluation of any new site selections and relocations within Florida's air monitoring network.

Appendix B: Annual Site Review Summary
Each site is evaluated annually by Florida DEP audit staff to determine if the siting requirements in 40 CFR Part 58 are met. Issues that are identified are resolved as quickly as practicable. Appendix B contains the Annual Site Review Summary for Florida's air monitoring network from 2024-2025.

Appendix C: Ambient Air Monitoring Network Description
Florida's air monitoring network, including changes expected through June 30, 2025, is described in Appendix C. It is organized by Metropolitan Statistical Area from largest to smallest.

APPENDIX A: ADDITIONAL NETWORK INFORMATION

This appendix provides additional information to facilitate full evaluations of the proposed Honey Hill Fire Station site in Miami-Dade County, the Miramar site in Broward County, and the Wildwood site in Polk County.

A.1 Site Shutdowns/Relocations

- **Honey Hill Fire Station Site (AQS # 12-086-0036)**

Figure 7.1 is an aerial view of the proposed site location. Figure 7.2– Figure 7.6 are pictures taken of the four cardinal directions as well as a picture of the enclosure on site. Figure 7.7 is a wind rose taken from data collected at Daniela Banu (NCore) (AQS# 12-011-0034) in Broward County. Daniela Banu (NCore) is located approximately 9.3 miles away from the Honey Hill Fire Station Site.

Figure 7.1 Aerial view of Honey Hill Fire Station Site (AQS # 12-086-0036)

Figure 7.2 North facing in on Honey Hill Fire Station Site (AQS # 12-086-0036)

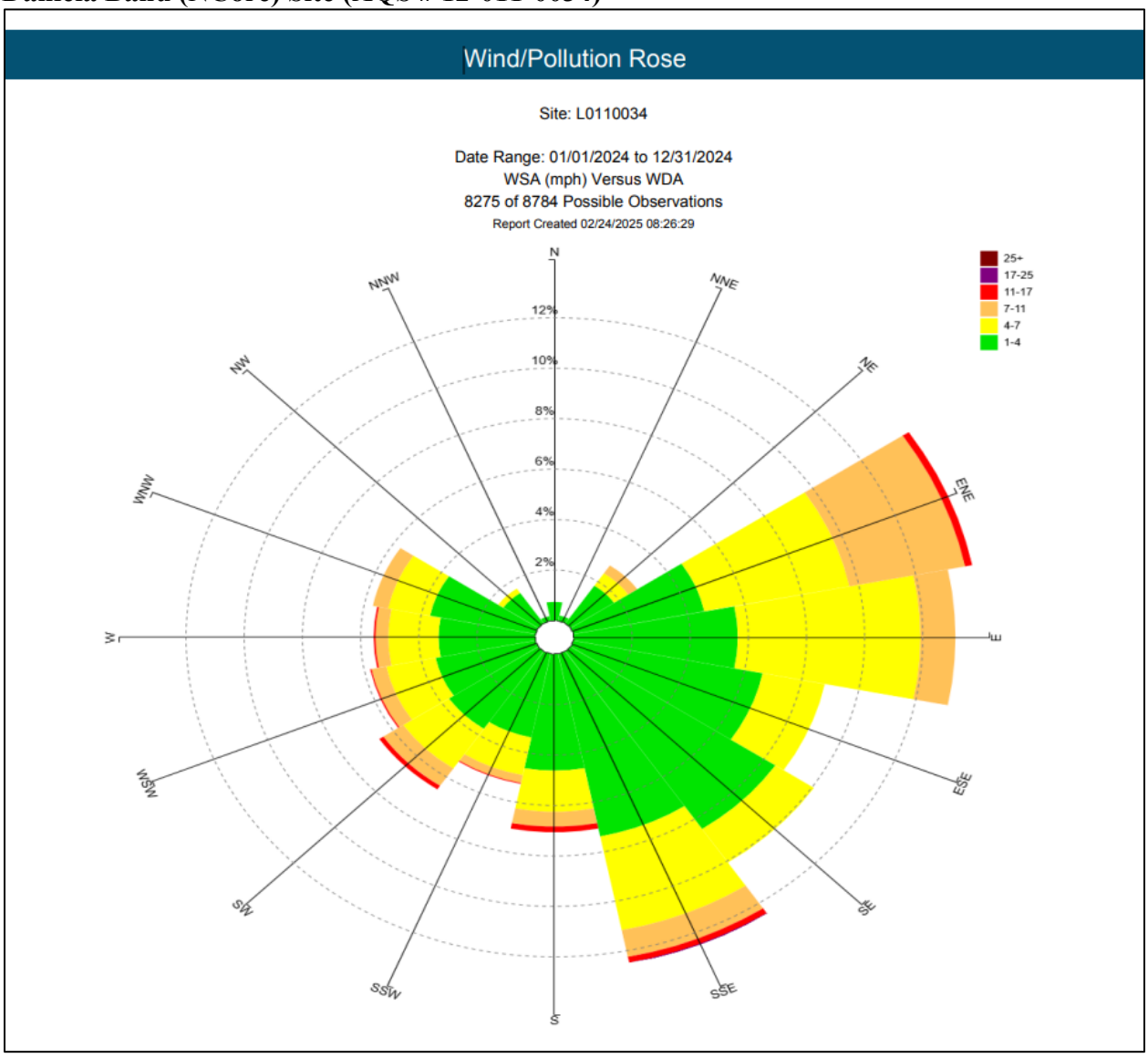
Figure 7.3 South facing out from Honey Hill Fire Station Site (AQS # 12-086-0036)

Figure 7.4 East facing out from Honey Hill Fire Station Site (AQS # 12-086-0036)

Figure 7.5 West facing out from Honey Hill Fire Station Site (AQS # 12-086-0036)

Figure 7.6 Site Enclosure, Honey Hill Fire Station Site (AQS # 12-086-0036)

Figure 7.7 Wind Rose for Honey Hill Fire Station Site (AQS # 12-086-0036). Data from Daniela Banu (NCore) Site (AQS # 12-011-0034)



- **Miramar Site (AQS # 12-011-0036)**

Figure 7.8 is an aerial view of the proposed site location. Figure 7.9– Figure 7.12 are pictures taken of the four cardinal directions. Figure 7.13 is a wind rose taken from data collected at the Vista View Site (AQS# 12-011-0033) in Broward County. Vista View is located approximately 6.6 miles away from the Miramar Site.

Figure 7.8 Aeriel View of Miramar Site (AQS # 12-011-0036)

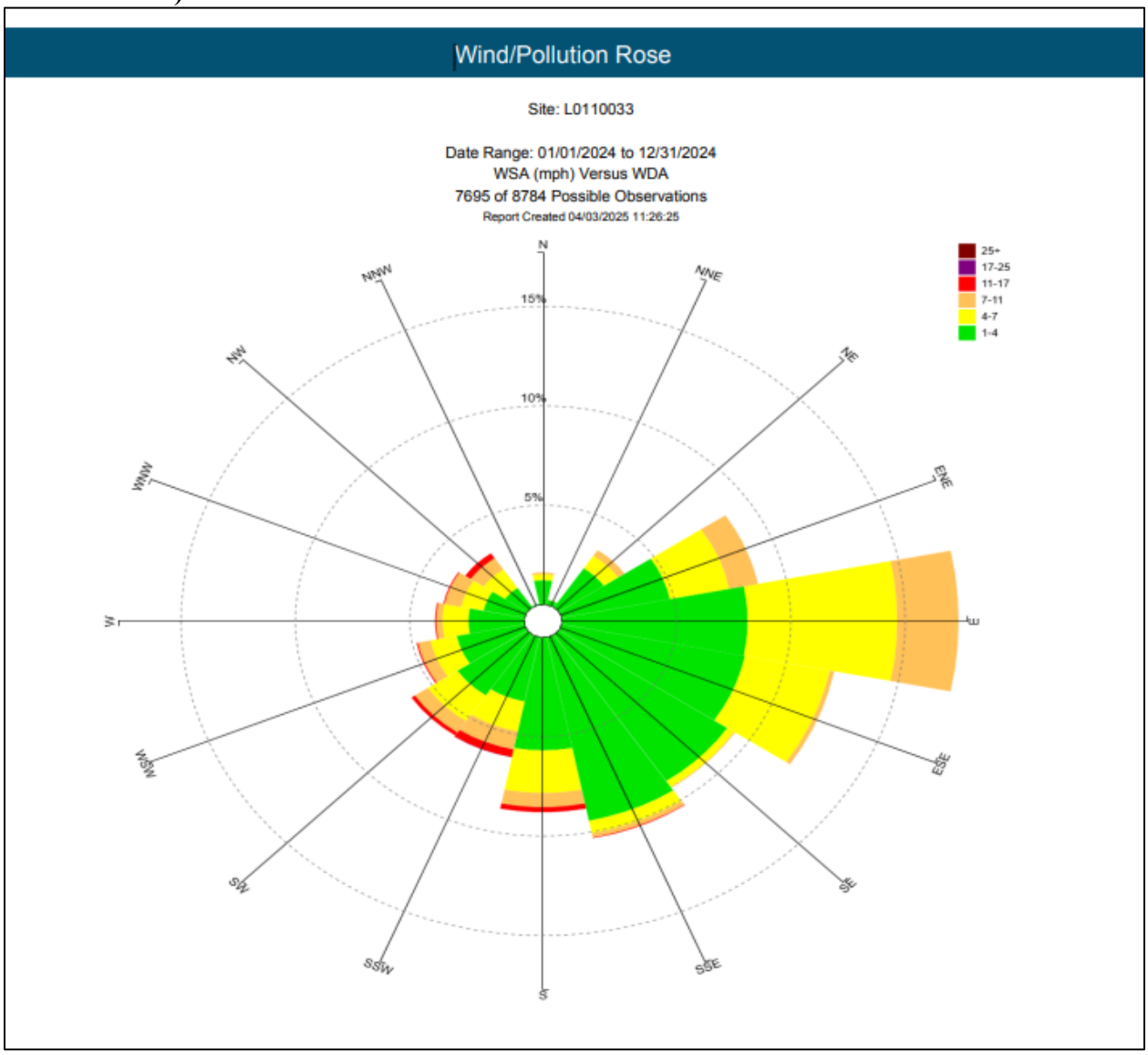
Figure 7.9 North facing in on Miramar Site (AQS # 12-011-0036)

Figure 7.10 South facing in on Miramar Site (AQS # 12-011-0036)

Figure 7.11 East facing in on Miramar Site (AQS # 12-011-0036)

Figure 7.14 West facing in on Miramar Site (AQS # 12-011-0036)

Figure 7.13 Wind Rose Miramar Site (AQS # 12-011-0036). Data from Vista View Site (AQS # 12-011-0033)



- **Wildwood Site (AQS# 12-105-0013)**

Figure 7.14 is an aerial view of the proposed site location. Figure 7.15– Figure 7.18 are pictures taken of the four cardinal directions. Figure 7.19 is a wind rose taken from data collected at the Baptist Children's Home site (AQS# 12-105-6006) in Polk County. Baptist Children's Home is located approximately 12 miles away from the Wildwood site.

Figure 7.14 Aerial view of Wildwood Site (AQS# 12-105-0013)

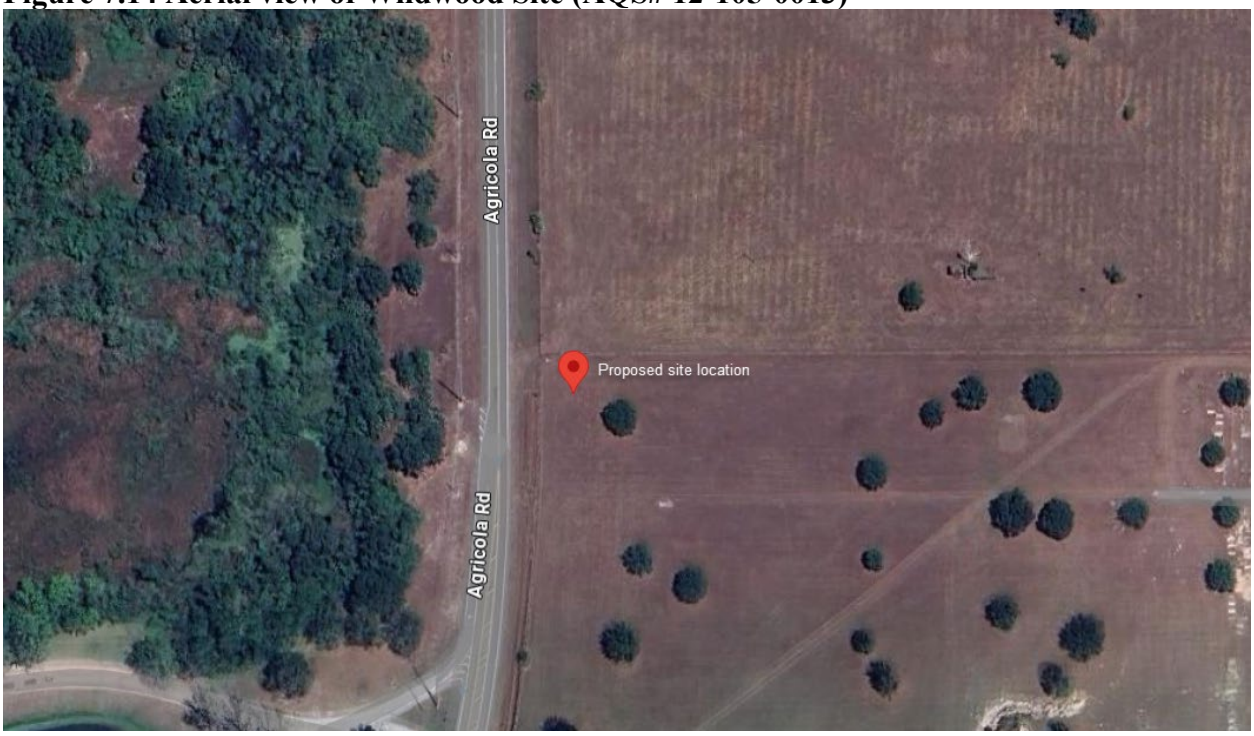


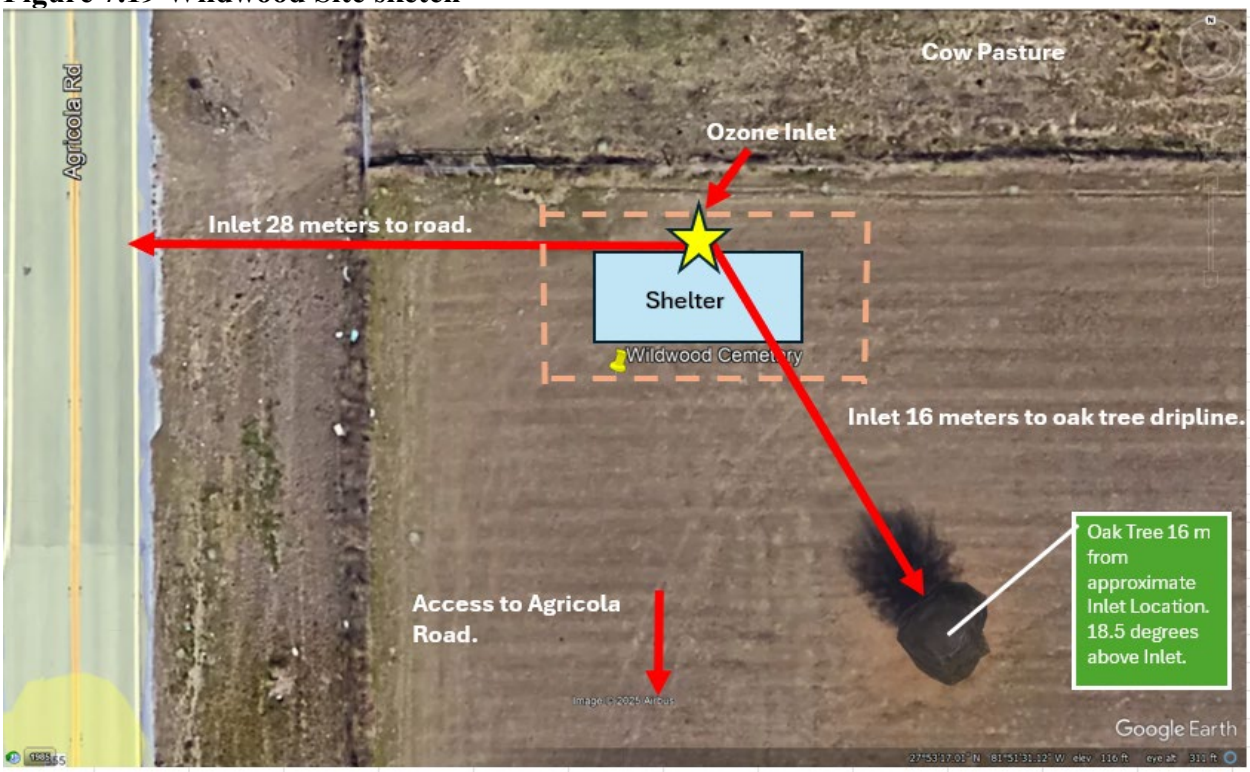
Figure 7.15 North facing out from Wildwood Site (AQS# 12-105-0013)

Figure 7.16 South facing out from Wildwood Site (AQS# 12-105-0013)

Figure 7.17 East facing out from Wildwood Site (AQS# 12-105-0013)

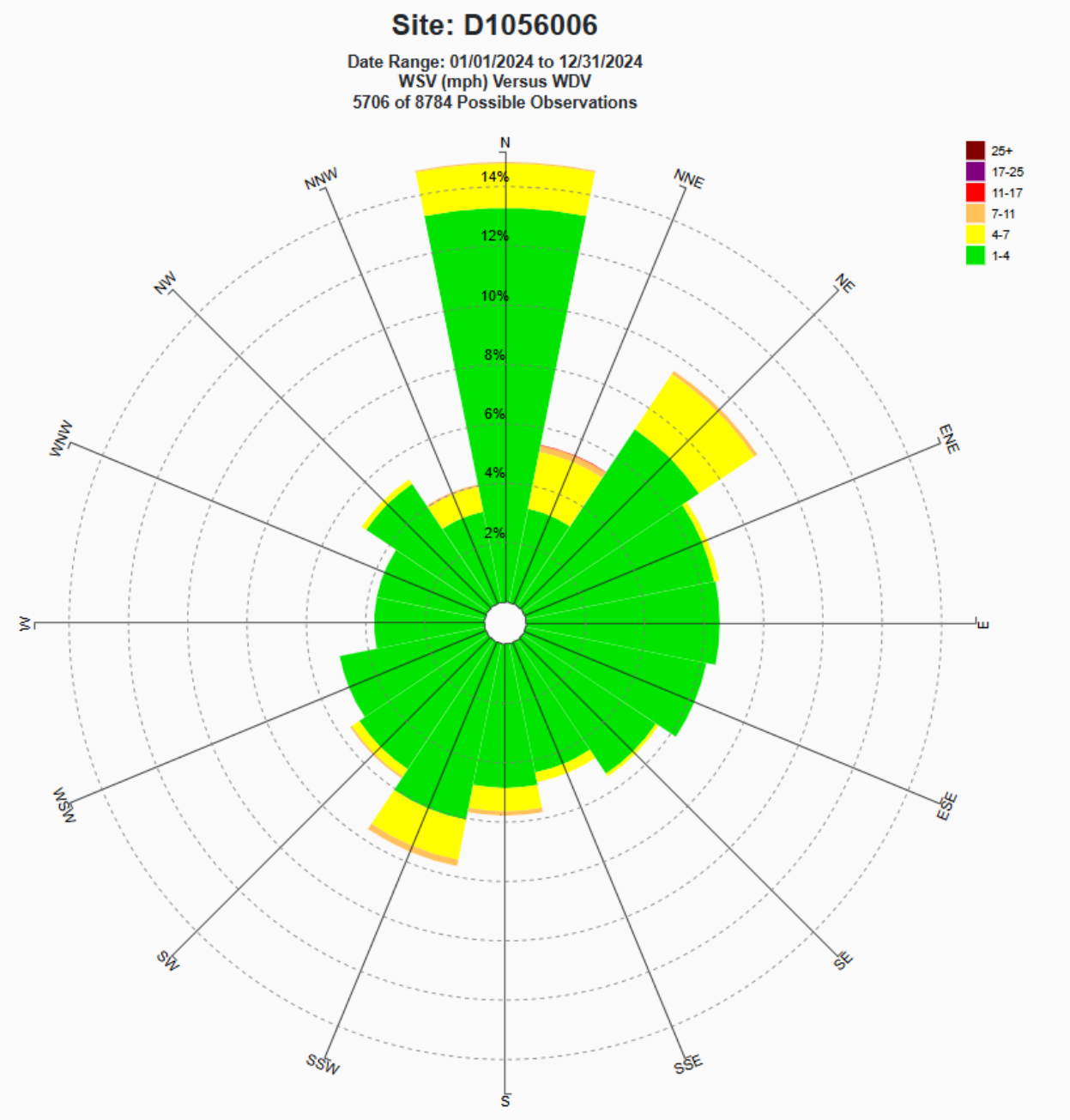
Figure 7.18 West facing out from Wildwood Site (AQS# 12-105-0013)

Figure 7.19 Wildwood Site sketch



Note: The oak tree to the southeast will be removed prior to site start up.

Figure 7.20 Wind Rose Wildwood Site (AQS# 12-105-0013). Data from Baptist Children's Home Site (AQS # 12-105-6006)



APPENDIX B: ANNUAL SITE REVIEW SUMMARY

The Florida DEP's audit staff conduct site reviews to verify that sites meet probe line siting criteria. Identified issues are resolved as quickly as practicable. The date of the most recent site review, notes as to whether there are existing issues, and any comments regarding these issues are provided in the table below.

Table 7-2 Annual Site Summary 2024-2025

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-001-3012	PAYNES PRAIRIE FARM	Nature Coast (44)	Oz, Cont $PM_{2.5}$ (2)	1/14/2025	NO	
12-003-0002	OLUSTEE	First Coast (48)	Oz	7/22/2024	NO	
12-005-0006	ST. ANDREWS STATE PARK	Emerald Coast (42)	Oz, Cont $PM_{2.5}$	4/10/2024	NO	
12-009-0007	MELBOURNE	Space Coast (47)	Oz, FRM $PM_{2.5}$, Cont $PM_{2.5}$, Cont PM_{10}	1/22/2024	NO	
12-009-4001	COCOA BEACH	Space Coast (47)	Oz	4/16/2024	NO	
12-011-0033	VISTA VIEW	Broward County PPRAQD (17)	Oz, Cont $PM_{2.5}$, Toxics	10/17/2023	NO	
12-011-0034	DANIELA BANU NCORE	Broward County PPRAQD (17)	Oz, Cont PM_{10} (2), FRM $PM_{2.5}$ (2), Cont $PM_{2.5}$, TCO, TSO_2, NOy, SASS, URG, Low Vol PM_{10}, Summa	2/11/2025	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-011-0035	FORT LAUDERDALE NEAR ROAD	Broward County PPRAQD (17)	NO_2, CO, Cont $PM_{2.5}$, Ultrafine, Toxics, Summa	6/4/2024	NO	
12-011-2003	POMPANO HIGHLANDS	Broward County PPRAQD (17)	Oz, FRM $PM_{2.5}$	2/12/2024	NO	
12-011-5005	COCONUT CREEK PARK	Broward County PPRAQD (17)	FRM $PM_{2.5}$	11/4/2024	NO	
12-011-8002	DR. VON MIZELL-EULA JOHNSON (FORMERLY JOHN U. LLOYD)	Broward County PPRAQD (17)	Oz, NO_2, Toxics	2/10/2025	NO	
12-017-0006	CRYSTAL RIVER PRESERVE	Nature Coast (44)	SO_2	6/3/2024	NO	
12-021-0004	LAUREL OAKS ELEMENTARY	Lee Island Coast (46)	Oz, Cont $PM_{2.5}$	1/9/2024	NO	
12-023-0002	LAKE CITY - VETERANS DOMICILE	First Coast (48)	Oz, Cont $PM_{2.5}$	1/3/2024	NO	
12-031-0032	KOOKER PARK	City of Jacksonville EQD (11)	SO_2, NO_2, FRM $PM_{2.5}$, Cont PM_{10}	1/13/2025	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-031-0077	SHEFFIELD	City of Jacksonville EQD (11)	Oz, Cont $PM_{2.5}$, Toxics	5/13/2024	YES	A tree to the northeast is too tall. The agency is working on resolving the issue.
12-031-0098	MANDARIN	City of Jacksonville EQD (11)	FRM $PM_{2.5}$, Cont $PM_{2.5}$	5/15/2024	YES	Trees are too tall to the east and southwest. The agency is working on resolving the issue.
12-031-0099	SUNNY ACRES PARK	City of Jacksonville EQD (11)	FRM $PM_{2.5}$ (2)	10/19/2024	NO	
12-031-0100	MAYO CLINIC	City of Jacksonville EQD (11)	Oz, Cont $PM_{2.5}$, Toxics	9/5/2024	NO	
12-031-0106	CISCO DRIVE	City of Jacksonville EQD (11)	Oz	1/15/2025	NO	
12-031-0108	PEPSI PLACE	City of Jacksonville EQD (11)	NO_2, CO, Cont $PM_{2.5}$, Cont PM_{10}	5/13/2024	NO	
12-033-0004	ELLYSON IND. PARK	Naval Aviation Coast (41)	Oz, SO_2, Cont $PM_{2.5}$ (2)	7/24/2024	NO	
12-033-0018	PENSACOLA NAS	Naval Aviation Coast (41)	Oz	7/22/2024	NO	
12-035-0004	FLAGLER	Space Coast (47)	Oz	7/8/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-047-0017	WHITE SPRINGS PLANT	First Coast (48)	SO_2, Cont $PM_{2.5}$	1/3/2024	NO	
12-055-0003	ARCHBOLD	Lee Island Coast (46)	Oz	1/8/2024	NO	
12-057-0081	SIMMONS PARK	Hillsborough County EPC (12)	Oz	12/4/2024	NO	
12-057-0083	GARDINIER	Hillsborough County EPC (12)	Cont PM_{10}	2/11/2025	NO	
12-057-0100	KENLY	Hillsborough County EPC (12)	Pb	4/16/2024	NO	
12-057-0109	EAST BAY	Hillsborough County EPC (12)	SO_2	2/11/2025	NO	
12-057-0112	APOLLO BEACH	Hillsborough County EPC (12)	SO_2, Cont $PM_{2.5}$	2/14/2024	NO	
12-057-0113	MUNRO STREET NEAR ROAD	Hillsborough County EPC (12)	TNO_2, TCO, Cont $PM_{2.5}$	6/4/2024	NO	
12-057-1035	DAVIS ISLAND	Hillsborough County EPC (12)	Oz, SO_2, Cont PM_{10}	9/17/2024	NO	
12-057-1065	GANDY	Hillsborough County EPC (12)	Oz, NO_2, Cont $PM_{2.5}$	4/16/2024	NO	
12-057-1066	GULF COAST LEAD	Hillsborough County EPC (12)	Pb (2)	4/16/2024	NO	
12-057-1073	PATENT	Hillsborough County EPC (12)	Pb	4/16/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-057-3002	SYDNEY NCORE	Hillsborough County EPC (12)	Oz, NOy, TSO_2, TCO, Cont $PM_{2.5}$, FRM $PM_{2.5}$ (2), Cont PM_{10} (2), Low Vol PM_{10}, PM_{10}/Puff, SASS, URG, Toxics, Summa, ERG, Aromatic Hydrocarbon, PAMS NO_2	3/12/2025	NO	
12-059-0004	BONIFAY TRI-COUNTY AIRPORT	Emerald Coast (42)	Oz, Cont $PM_{2.5}$	4/8/2024	NO	
12-069-0002	CLERMONT	Space Coast (47)	Oz	11/13/2024	NO	
12-071-0005	FT. MYERS WTP	Lee Island Coast (46)	FRM $PM_{2.5}$, Cont $PM_{2.5}$, Cont PM_{10}	7/16/2024	NO	
12-071-2002	CAPE CORAL	Lee Island Coast (46)	Oz	7/16/2024	NO	
12-073-0012	TALLAH ASSEE CC	Forgotten Coast (43)	Oz, FRM $PM_{2.5}$ (2), Cont $PM_{2.5}$, SASS, URG, RADNET	4/17/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-081-0028	PORT MANATEE (DEP SO2)	Sun Coast (45)	SO_2	9/16/2024	NO	
12-081-3002	PORT MANATEE	Manatee County EMD (14)	Oz	9/17/2024	NO	
12-081-4012	GT BRAY PARK	Manatee County EMD (14)	Oz	9/17/2024	YES	Two trees within the 10-meter vegetation zone. The agency is working on resolving the issue.
12-081-4013	39TH STREET	Manatee County EMD (14)	Oz	9/18/2024	NO	
12-083-0003	OCALA YMCA	Nature Coast (44)	Oz, Cont $PM_{2.5}$	6/6/2024	NO	
12-083-0004	MARION COUNTY SHERIFF	Nature Coast (44)	Oz	10/24/2024	NO	
12-085-0007	STUART	Space Coast (47)	Oz, Cont $PM_{2.5}$, Cont PM_{10}	1/28/2025	NO	
12-086-0019	PENNSUCO	Miami-Dade County RER (18)	SO_2	2/3/2025	NO	
12-086-0027	ROSENSTIEL	Miami-Dade County RER (18)	Oz, NO_2	7/29/2024	YES	EPA approved waiver
12-086-0029	PERDUE	Miami-Dade	Oz, Toxics	5/20/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
		County RER (18)				
12-086-0033	PALM SPRINGS	Miami-Dade County RER (18)	FRM $PM_{2.5}$	2/5/2025	NO	
12-086-0034	KENDALL	Miami-Dade County RER (18)	$PM_{2.5}$	2/5/2025	NO	
12-086-0035	PERIMETER ROAD	Miami-Dade County RER (18)	NO_2	5/21/2024	NO	
12-086-1016	MIAMI FIRE STATION	Miami-Dade County RER (18)	FRM $PM_{2.5}$ (1), Cont $PM_{2.5}$, Cont PM_{10}	7/31/2024	NO	
12-086-6002	WITTKOP PARK	Miami-Dade County RER (18)	Cont $PM_{2.5}$	8/1/2024	NO	
12-089-0005	FERNANDINA BEACH	First Coast (48)	SO_2	1/2/2024	NO	
12-091-0003	FWB STILLWELL PARK	Emerald Coast (42)	Oz, Cont PM_{10}	4/11/2024	NO	
12-095-0009	I-4 NEAR ROAD	Orange County EPD (20)	NO_2, CO, Cont $PM_{2.5}$	4/3/2024	NO	
12-095-0010	SKYVIEW	Orange County EPD (20)	Oz	8/13/2024	NO	
12-095-0011	PRESIDENTS DRIVE	Orange County EPD (20)	NO_2, CO	4/3/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
	NEAR ROAD					
12-095-2002	WINTER PARK	Orange County EPD (20)	Oz, NO_2, SO_2, CO, Cont PM_{10}, Cont $PM_{2.5}$	1/28/2025	NO	
12-097-2002	KISSIMMEE FIRE	Space Coast (47)	Oz, Cont $PM_{2.5}$, FRM $PM_{2.5}$	11/12/2024	NO	
12-099-0008	BELLE GLADE	Palm Beach County EPH (16)	Cont $PM_{2.5}$	4/22/2024	NO	
12-099-0021	LANTANA SCRUB PRESERVE	Palm Beach County EPH (16)	Oz, NO_2	4/23/2024	NO	
12-099-0022	LAMSTEIN LANE	Palm Beach County EPH (16)	Oz, Cont $PM_{2.5}$	4/24/2024	NO	
12-099-2005	DELRAY BEACH	Palm Beach County EPH (16)	Cont $PM_{2.5}$, Cont PM_{10}	4/23/2024	NO	
12-101-0005	SAN ANTONIO	Sun Coast (45)	Oz	4/23/2024	NO	
12-101-2001	HOLIDAY	Sun Coast (45)	Oz	3/20/2024	NO	
12-103-0004	ST. PETERSBURG COLLEGE	Pinellas County AQD (13)	Oz, Cont $PM_{2.5}$	2/18/2025	NO	
12-103-0012	WOODLAWN (PINELLAS)	Pinellas County AQD (13)	Cont PM_{10}	8/20/2024	YES	EPA approved waiver

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
12-103-0018	AZALEA PARK	Pinellas County AQD (13)	Oz, NO_2, Cont PM_{10}, Cont $PM_{2.5}$, VOC	8/20/2024	NO	
12-103-0023	DERBY LANE	Pinellas County AQD (13)	SO_2	11/5/2024	NO	
12-103-0027	SAWGRASS LAKE	Pinellas County AQD (13)	NO_2, CO, Aethalometer	5/22/2024	NO	
12-103-3004	COUNTY MOTORPOOL	Pinellas County AQD (13)	Cont PM_{10}	8/20/2024	NO	
12-103-5002	EAST LAKE	Pinellas County AQD (13)	Oz, Cont $PM_{2.5}$, Cont PM_{10}	11/5/2024	NO	
12-103-5003	OAKWOOD	Pinellas County AQD (13)	SO_2	5/22/2024	NO	
12-105-6005	SIKES ELEMENTARY	Sun Coast (45)	Oz, SO_2	9/10/2024	NO	
12-107-1008	PALATKA BARGE PORT	Nature Coast (44)	SO_2, Cont PM_{10}	8/1/2024	NO	
12-111-0013	SAVANNAS	Space Coast (47)	Oz	1/29/2025	NO	
12-113-0015	WOODLAWN BEACH MIDDLE	Naval Aviation Coast (41)	Oz, Cont $PM_{2.5}$	7/22/2024	NO	
12-115-0013	BEE RIDGE	Sarasota County AWQD (15)	Cont. $PM_{2.5}$	12/2/2024	NO	
12-115-1005	LIDO PARK	Sarasota County	Oz	12/4/2024	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date[1]	Issues Found	Comment
		AWQD (15)				
12-115-1006	PAW PARK	Sarasota County AWQD (15)	Oz, Cont PM_{10}	12/3/2024	NO	
12-115-2002	JACKSON ROAD	Sarasota County AWQD (15)	Oz, Cont $PM_{2.5}$	12/3/2024	NO	
12-117-1002	SEMINOLE CC	Space Coast (47)	Oz, Cont $PM_{2.5}$, Cont PM_{10}	4/16/2024	NO	
12-127-5002	DAYTONA BEACH	Space Coast (47)	Oz, FRM PM2.5, Cont PM2.5, Cont PM10	7/9/2024	NO	
12-129-0001	ST. MARKS WILDLIFE REFUGE NCORE	Forgotten Coast (43)	Oz, NOy, TSO_2, TCO, Cont $PM_{2.5}$	1/23/2025	NO	

[1]Includes site reviews conducted as of March 21, 2025.

APPENDIX C: AMBIENT AIR MONITORING NETWORK DESCRIPTION

Florida's air monitoring network, including changes expected through January 2026, is described in Appendix C. It is organized by Metropolitan Statistical Area from largest to smallest.

Florida Ambient Air Monitoring Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (BROWARD, MIAMI-DADE AND PALM BEACH COUNTIES)											
Broward County											
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**
12-011-0033	Vista View Park	4001 SW 142 Ave, Davie, FL 33330; 26.073056, -80.338889	SLAMS	Ozone	1	Continuous	Teledyne T400	POP EXP	NBH	TRENDS MONITORING	SHUT DOWN Expected 2026	SU 7/1/2008, Transition from 49i to T400 occurred 9/18/23. Expected SD 2026
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	TRENDS MONITORING	SHUT DOWN Expected 2026	SU 08/1/2021, Expected SD 2026
12-011-0034	Daniela Banu (NCore Site)	5300 S. Pine Island Rd., Davie, FL 33328; 26.0538889, -80.2569444	SLAMS	CO	1	Continuous	Thermo 48i-TLE	POP EXP	NBH	NEEDED BY REGULATION	Thermo 48C replaced with 48i-TLE	SU 7/1/2015; Trace Level;
			SLAMS	SO_2	1	Continuous	Thermo 43i-TLE	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			SLAMS	Ozone	1	Continuous	Teledyne T400	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/2019; FEM collocation
			SLAMS	$PM_{2.5}$	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2015, also used as collocation with T640X
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 09/1/2019; FEM collocation
			SLAMS	PMCoarse	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2019
			SLAMS	NO_y	1	Continuous	Thermo 42i-Y	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			CSN	SPEC. $PM_{2.5}$	5	Every 6th Day	MET One SASS	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			CSN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			NON-REG	Toxics		Every 6th Day	ATEC 2200	POP EXP	NBH	BASELINE MONITORING		SU 11/1/2015
			NON-REG	Meteorology		Continuous	RM Young Wind Speed/ Wind Direction	POP EXP	NBH	SUPPORT NCORE NETWORK		SU 01/1/2020
			NON-REG	Meteorology		Continuous	RM Young 41342 VC T/ RH Sensor	POP EXP	NBH	SUPPORT NCORE NETWORK		SU 01/1/2020;
12-011-0036	Miramar	2801 SW 186th Ave. Miramar, FL 33029; 25.981390, -80.393792	SLAMS	Ozone	1	Continuous	Teledyne T400	POP EXP	NBH	TRENDS MONITORING	RELOCATION of 12-011-0033	Expected. SU 2026
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	TRENDS MONITORING	RELOCATION of 12-011-0033	Expected. SU 2026
12-011-0037	Pompano Beach EJ Site	1600 Blount Road, Pompano Beach, FL 33069; 26.249229, -80.162811	SLAMS	PM2.5	3	Continuous	Teledyne T640	POP EXP	NBH	TRENDS MONITORING		Expected. SU 7-1-2025
12-011-0035	Fort Lauderdale Near Road	799 N I-95, Ft. Lauderdale, FL 33311; 26.131256, -80.167847	SLAMS	CO	1	Continuous	Thermo 48i-TLE	POP EXP	Microscale	NEEDED BY REGULATION	Changed spacial scale from urban to micro	SU 8/1/2015; Trace level
			SLAMS	NO_2	1	Continuous	Teledyne T200UP	POP EXP	Microscale	NEEDED BY REGULATION	Changed spacial scale from urban to micro	SU 8/1/2015; Near-road Site
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	Microscale	NEEDED BY REGULATION	Changed spacial scale from urban to micro	SU 8/1/2015; FEM
			SLAMS	BC	1	Continuous	Teledyne API 633	POP EXP	Microscale	NEEDED BY REGULATION	Changed spacial scale from urban to micro	SU 1/20/2017
			SLAMS	Meteorology	1	Continuous	RM Young Wind Speed/ Wind Direction	POP EXP	Microscale	NEEDED BY REGULATION	Changed spacial scale from urban to micro	SU 07/01/2021
12-011-2003	Pompano Highland Fire House	1951 NE 48th Street, Pompano Beach, FL 33060; 26.290765, -80.096665	SLAMS	Ozone	1	Continuous	Teledyne T400	POP EXP	NBH	RELIED ON FOR SPATIAL COVERAGE		SU 1/1/1989
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	INTERPOLATION		SU 4/1/2019; FEM
12-011-5005	Coconut Creek	5005 Winston Park Blvd, Coconut Creek, FL 33073; 26.294167, -80.176389	SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2021
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2021
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	7000 N. Ocean Dr., Dania, FL 33004; 26.087198, -80.111415	SLAMS	NO_2	1	Continuous	Teledyne T500U	POP EXP	NBH	COMM-WIDE MONITORING		SU 1/9/2023
			SLAMS	BC	1	Continuous	Magee AE-33	POP EXP	NBH	TRENDS MONITORING	ADD NEW MONITOR	Antcipated SU 4/1/2025
			SLAMS	Ozone	1	Continuous	Teledyne T400	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1985

Miami-Dade County												
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**
12-086-0019	Pennsuco	14001-14027 N Okeechobee Rd, Hialeah, FL 33018; 25.899167, -80.382778	SLAMS	NO_2	1	Continuous	Teledyne T500U	HI CONC	NBH	NEEDED BY REGULATION	T200 replaced by T500U	SU 10/7/2021
			SLAMS	SO_2	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 8/18/1987
12-086-0027	Rosenstiel (University of Miami)	4600 Rickenbacker Causeway, Miami, FL 33149; 25.7323427, -80.16187704	SLAMS	NO_2	1	Continuous	Teledyne T200	POP EXP/ UPWIND BKGD	NBH	VULNERABLE AND SUSCEPTIBLE MONITORING		SU 1/30/1985
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP/ UPWIND BKGD	NBH	NEEDED BY REGULATION		SU 3/7/1984
12-086-0029	Perdue	19590 Old Cutler Rd, Cutler Ridge, FL 33157; 25.586944, -80.326111	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 5/1/1985
12-086-0033	Palm Springs Fire Station	7700 NW 186th St, Palm Springs, FL 33015; 25.9419444, -80.3263889	SLAMS	$PM_{2.5}$	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	MONITORING GROWTH IMPACT	SHUT DOWN expected January 2026. Relocate to 12-086-0036	SU 5/4/2005
12-086-0036	Honey Hill-Fire Station 51	4775 NW 199th, St, Miami Gardens, Fl 33055	SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640	POP EXP	NBH	MONITORING GROWTH IMPACT	RELOCATION of 12-086-0033	SU EXPECTED January 2026
12-086-0034	Kendall	9015 SW 127th Ave, Miami, FL 33186; 25.686932, -80.399992	SPM	$PM_{2.5}$	1	Continuous	Thermo 1405	POP EXP	MIDDLE	USED FOR AQI		SU 7/1/2018
12-086-0035	Perimeter Road	5600 Perimeter Road, Miami, FL 33126; 25.7854722, -80.2842055	SLAMS	CO	1	Continuous	Teledyne T300U	SOURCE	NBH	TRENDS MONITORING		SU 9/24/2021
			SLAMS	NO_2	1	Continuous	Teledyne T500U	SOURCE	MICRO	NEEDED BY REGULATION	T200 replaced by T500U	SU 1/11/2016; Near-road Site
12-086-1016	Miami Fire Station	1200 NW 20th St, Miami, FL 33142; 25.794722, -80.215556	SLAMS	$PM_{2.5}$	2	Every 12th Day	Thermo 2025i	HI CONC	NBH	QA COLLOCATION		SU 2/4/1999; Collocated monitor
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
12-086-0036	Jose Marti MAST EJ Site	5701 West 24th Avenue, Hialeah 33016; 25.874466, -80.330126	SLAMS	NO_2	1	Continuous	Teledyne T500U	HI CONC	NBH	ASSIST IN FORCASTING	T200 replaced by T500U	SU EXPECTED 12/31/2025
			SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU EXPECTED 12/31/2025, FEM
				PM_{10}	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU EXPECTED 12/31/2025, FEM
12-086-6002	Wittkop Park	505 NW 9th St., Homestead, FL 33030; 25.478306 , -80.483782	SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/20/2023 FEM
			SLAMS	PM_{10}	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/20/2023 FEM

Palm Beach County												
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**
12-099-0021	Lantana Preserve	968 N 8th St, Lantana, FL 33462; 26.5938083, -80.0584917	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/2/2015
12-099-0022	Lamstein Lane	Lamstein Ln, Royal Palm Beach, FL 33411; 26.687606, -80.219619	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/15/2019; Relocation from 099-0009
			SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/17/2019; FEM, Relocation from 099-0009
12-099-0008	Belle Glade	38754 State Rd 80, Belle Glade, FL 33430; 26.724786, -80.666447	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 11/2021 ; FEM
12-099-2005	Delray Beach	225 S. Congress Ave, Delray Beach, FL 33445; 26.456944, -80.092778	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/29/2021; FEM
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/01/2021 ; FEM

METROPOLITAN STATISTICAL AREA: TAMPA - ST PETERSBURG - CLEARWATER (HILLSBOROUGH, PINELLAS, PASCO AND HERNANDO COUNTIES)

Pasco County												
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**

12-101-0005	San Antonio	30908 Warder Rd., San Antonio, FL 33576; 28.332225, -82.305643	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	URBAN SPRAWL		SU 9/7/2000
12-101-2001	Holiday	3452 Darlington Rd., Holiday, FL 34691; 28.195574, -82.756264	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	URBAN SPRAWL		SU 1/17/1992

Hillsborough County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-057-0112	Apollo Beach	6506 Dolphin Cove Dr, Apollo Beach, FL 33572; 27.779712, -82.419835	SPM	SO_2	1	Continuous	Thermo 43i	SOURCE	MICRO	NEEDED BY REGULATION	SHUT DOWN 9/9/2024	SU 1/1/2016
			SPM	$PM_{2.5}$	1	Continuous	Thermo 1405	SOURCE	MICRO	NEEDED BY REGULATION	SHUT DOWN 9/9/2024	SU 1/1/2016
12-057-0113	Munro Street	1497 N. Munro Street, Tampa, FL 33607; 27.955550, -82.467140	SLAMS	CO	1	Continuous	Thermo 48i-TLE	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016; Trace Level
			SLAMS	NO_2	1	Continuous	Teledyne T200UP	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016; Near-road Site
			SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640	SOURCE	MICRO	NEEDED BY REGULATION		SU 6/26/2019
			SPM	BC	1	Continuous	Magee AE-33	POPULATION EXPOSURE	MICRO	TRENDS MONITORING		SU 2/1/2016
			SLAMS	UFP	1	Continuous	TSI EPC3783	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016
12-057-0081	E.G. Simmons Park	2401 19th Avenue Northwest, Ruskin, FL 33570; 27.740033, -82.465146	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 6/14/1978
12-057-0083	Gardinier Park	6501 Riverview Dr., Riverview, FL 33578; 27.864192, -82.384259	SPM	PM_{10}	3	Continuous	Thermo 1405	SOURCE	MIDDLE	SOURCE MONITORING		SU 4/1/1995
12-057-0100	Kenly	2909 N 66th St, Tampa, FL 33619; 27.970328, -82.380050	SPM	Pb	1	Every 6th Day	Tisch TE-5170DV	SOURCE	MIDDLE	SOURCE MONITORING	Update sampler type from Hi-Vol	SU 4/1/2010
12-057-0101	NFI Trucking Yard	2000 North 62nd Street, Tampa, FL 33619	SPM	Pb	1		Tisch TE-5170DV	SOURCE	MIDDLE	SPECIAL STUDY	SITE ADDED	SU 3/2022
12-057-0109	East Bay	9849 Highway 41 S., Gibsonton, FL 33534; 27.854176,-82.383728	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 11/13/1996; Relocated on existing property 01/2020
12-057-1035	Davis Island (Coast Guard Station)	155 Columbia Dr., Tampa, FL 33606; 27.928356, -82.454539	SLAMS	SO_2	1	Continuous	Thermo 43iQ	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1974
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 1/1/1973
			SLAMS	PM_{10}	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION/USED FOR AQI		SU 12/1/1985
12-057-1065	USMC Reserve Center (Gandy)	5121 Gandy Blvd, Tampa, FL 33611;27.89222;-82.538611	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION	Update Sampler type from 49iQ to 49i	SU 1/19/2019
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	HI CONC	NBH	USED FOR AQI		SU 1/1/2004
12-057-1066	CSX Rail Yard	1700 N. 66th St., Tampa, FL 33629; 27.960148, -82.381873	SLAMS	Pb	1	Every 6th Day	Tisch TE-5170DV	SOURCE	MIDDLE	SOURCE MONITORING	Update Sampler type from Andersen 2000	SU 1/1/2009;Site name changed, formally Gulf Coast Lead
			SLAMS	Pb	2	Every 12th Day	Tisch TE-5170DV	SOURCE	MIDDLE	SOURCE MONITORING	Update Sampler type from Andersen 2000	SU 1/1/2009;Site name changed, formally Gulf Coast Lead
12-057-1073	Patent Scaffolding	6811 E. 14th Avenue, Tampa, FL 33619; 27.96483,-82.37921	SPM	Pb	1	Every 6th Day	Tisch TE-5170DV	SOURCE	MIDDLE	SOURCE MONITORING	Update sampler type from from Tisch Hi-Vol	SU 1/1/2009
			SLAMS	CO	2	Continuous	Thermo 48iQ-TLE	POP EXP	URBAN	NEEDED BY REGULATION		SU 10/1/2005; Trace level
			SLAMS	SO_2	1	Continuous	Thermo 43iQ-TLE	POP EXP	URBAN	NEEDED BY REGULATION	Update sampler type from 43i-TLE	SU 1/1/2004; Trace Level
			SLAMS	NO_Y	1	Continuous	Thermo 42i-Y	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	$PM_{2.5}$	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004, used as collocation with T640X

12-057-3002	Sydney (NCore Site)	1167 N. Dover Rd., Dover, FL 33527; 27.965650, -82.230400	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/1/2024 collocation
			SLAMS	PM_{10}	1	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/1/2024 collocation
			SLAMS	PMCoarse	1	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/1/2024
			STN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 1/1/2007
			STN	SPEC. $PM_{2.5}$		Every 3rd Day	MET One SASS	POP EXP	URBAN	TRENDS MONITORING		SU 1/1/2004
			NATTS	Toxics		Every 6th Day	Multiple	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			NON-REG	Meteorology		Continuous	RM Young Wind Speed/ Wind Direction	POP EXP	URBAN	SUPPORT NCORE NETWORK		SU 1/1/2005

Pinellas County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-103-0004	St. Petersburg College	2435 Sharkey Rd., Clearwater, FL 33765; 27.946688, -82.731767	SLAMS	Ozone	1	Continuous	Teledyne API T400	HI CONC	URBAN	NEEDED BY REGULATION		SU 7/1/1978
			SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 3/20/2019
12-103-0012	Woodlawn	1313 19th St. N., St. Petersburg, FL 33713; 27.784749, -82.659265	SLAMS	PM_{10}	1	Continuous	eBAM Plus	HI CONC	NBH	SOURCE MONITORING		SU 1/1/2019; FEM
12-103-0018	Azalea Park	7200-22 Ave N., St. Petersburg, FL 33701; 27.785866, -82.739875	SLAMS	NO_2	1	Continuous	Teledyne T500U	HI CONC/ POP EXP	NBH	COMM-WIDE MONITORING		SU 1/1/1978
			SLAMS	Ozone	1	Continuous	Teledyne API T400	POP EXP	NBH	USED FOR AQI		SU 4/6/1978
			SLAMS	PM_{10}	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			NON-REG	Toxics		Every 6th Day	ATEC 2200	POP EXP	NBH	BASELINE MONITORING		SU 1/1/2001 VOC Sampler
12-103-0023	Derby Lane	10100 San Martin Rd., St. Petersburg, FL 33702; 27.863635, -82.623153	SLAMS	SO_2	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 1/14/1979
12-103-0026	Skyview	8601 60th Street N., Pinellas Park, FL 33702; 27.850041, -82.714590	NATTS	BC	1	Continuous	Teledyne API 633	POP EXP	NBH	BASELINE MONITORING		SU 5/20/2016
			NATTS	Toxics		Every 6th Day	multiple	POP EXP	NBH	BASELINE MONITORING		SU 05/20/2016
12-103-0027	Sawgrass Lake Park	6853 25th Street N., St. Petersburg, FL 33702; 27.834409, -82.665251	SLAMS	CO	1	Continuous	Teledyne T300U	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 5/20/2016
			SLAMS	NO_2	1	Continuous	Teledyne T500U	SOURCE	MICRO	NEEDED BY REGULATION		SU 05/20/2016; Near-road Site
			SPM	BC	1	Continuous	Teledyne API 633	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 05/20/2016
12-103-0028	St. Pete Midtown EJ Site	1323 21st Street South, St. Petersburg, FL 33712; 27.75704, -82.66118	SLAMS	Ozone	1	Continuous	Teledyne API T400	SOURCE	NBH	POPULATION EXPOSURE	START UP 1/1/2025	SU 01/01/2025
			SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640X	SOURCE	NBH	POPULATION EXPOSURE	START UP 1/1/2025	SU 01/01/2025
			SLAMS	PM_{10}	1	Continuous	Teledyne T640X	SOURCE	NBH	POPULATION EXPOSURE	START UP 1/1/2025	SU 01/01/2025
12-103-3004	County Motorpool	1301 Ulmerton Rd., Largo, FL 33771; 27.895856, -82.774546	SLAMS	PM_{10}	3	Continuous	eBAM Plus	HI CONC	MIDDLE	TRENDS MONITORING		SU 1/1/2019
12-103-5002	John Chesnut Sr. Park - East Lake	2200 East Lake Rd., Palm Harbor, FL 34685; 28.090299, -82.700707	SLAMS	Ozone	1	Continuous	Teledyne API T400	POP EXP	URBAN	USED FOR AQI		SU 1/1/1977
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	USED FOR AQI	START UP 1/1/2025	SU 1/1/2025
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI	SHUT DOWN 12/31/2024	SU 9/5/2007; SD 12/31/2024
12-103-5003	Oakwood	40671 US 19 N., Tarpon Springs, FL 34689; 28.141667, -82.739722	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	NBH	TRENDS MONITORING		SU 9/18/1998

METROPOLITAN STATISTICAL AREA: JACKSONVILLE (BAKER, CLAY, DUVAL, NASSAU AND ST. JOHNS COUNTIES)

Baker County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-003-0002	Osceola National Forest - Olustee Ranger Station	Hwy 90, Olustee, Forest Service Office, Sanderson, FL 32087; 30.201111, -82.441111	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP/ GEN BKGD	URBAN	REGIONAL BACKGROUND		SU 1/1/1996
			SPM	PM2.5	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 02/2020

Duval County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-031-0032	Kooker Park	2900 Bennett St., Jacksonville, FL 32206; 30.355856, -81.635581	SLAMS	SO_2	1	Continuous	Thermo 43i	HI CONC	NBH	TRENDS MONITORING		SU 1/1/1974
			SLAMS	NO_2	2	Continuous	Teledyne T500U	HI CONC	NBH	COMM-WIDE MONITORING		SU 1/6/1975
			SLAMS	PM_{10}	1	Continuous	T640X	HI COMC	NBH	NEEDED BY REGULATION		SU 10/1/2023
			SLAMS	$PM_{2.5}$	3	Continuous	T640X	POP EXP	NBH	COMM RESPONSE		SU 10/1/2023
12-031-0077	Sheffield Elementary	13333 Lanier Rd., Jacksonville, FL 32226; 30.477275, -81.587167	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1979; T400U install expected in 2025
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/1/2008
12-031-0098	Mandarin Rd	14932 Mandarin Rd, Jacksonville, FL 32223; 30.135869, -81.634094	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 9/01/2019; FEM
			SLAMS	PM_{10}	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/1/2019; FEM
12-031-0099	Sunny Acres	9429 Merrill Rd., Jacksonville, FL 32225; 30.354614, -81.547789	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 01/2023
12-031-0100	Mayo Clinic	13600 William Davis Pkwy, Jacksonville, FL 32224; 30.260420, -81.453341	SLAMS	Ozone	1	Continuous	Teledyne T400	HI CONC	NBH	NEEDED BY REGULATION	Thermo 49i replaced by T400 2/1/2024	SU 9/1/2002; new shelter install 1/2024
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI		SU 1/1/2004
12-031-0106	Cisco Drive	4770 Cisco Dr., Jacksonville, FL 32219; 30.378217, -81.840900	SPM	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	USED FOR AQI		SU 9/28/2009; T400 install expected in 2025
12-031-0108	Pepsi Place	5895 Pepsi Place, Jacksonville, FL 32319; 30.262730, -81.606826	SLAMS	CO	1	Continuous	Teledyne T300	SOURCE	MIDDLE	NEEDED BY REGULATION	Thermo 48i replaced by T300 03/28/2024	SU 1/1/2014
			SLAMS	NO_2	1	Continuous	Teledyne T500U	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014; Near-road Site
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	HI CONC	MIDDLE	NEEDED BY REGULATION		SU 8/01/2019; FEM

Nassau County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-089-0005	Fernandina Beach Waste Water Treatment Plant (FBWWTP)	1007 S 5th St, Fernandina Beach, FL 32304; 30.658552, -81.463168	SLAMS	SO_2	1	Continuous	Thermo 43i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976

METROPOLITAN STATISTICAL AREA: ORLANDO - KISSIMMEE (LAKE, ORANGE, OSCEOLA AND SEMINOLE COUNTIES)

Lake County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-069-0002	Clermont	1901 Johns Lake Rd., Clermont, FL 34711; 28.523889, -81.723333	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 6/1/2000

Orange County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS

12-095-0009	I-4 Near Road	525 S. Division Ave, Orlando, FL 32805; 28.534930, -81.384247	SLAMS	CO	1	Continuous	Serinus 30	SOURCE	MIDDLE	NEEDED BY REGULATION	START UP	SU 7/1/2016; Near-road Site; Temporarily Closed. SU 7/25/2024
			SLAMS	NO_2	1	Continuous	Thermo T500U	SOURCE	MIDDLE	NEEDED BY REGULATION	START UP	SU 7/1/2016; Near-road Site; Temporarily Closed. SU 11/7/2024
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	SOURCE	MIDDLE	NEEDED BY REGULATION	START UP	SU 7/1/2016; Near-road Site; Temporarily Closed. SU 7/24/2024
12-095-0010	Skyview Drive	7697 S. Orange Blossom Trail, Orlando, FL 32809; 28.453167 , -81.397139	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 3/5/2020
12-095-0011	Presidents Drive Near Road	8100 Presidents Drive, Orlando, FL 32809;28.26468, -81.25028	SLAMS	NO_2	1	Continuous	Thermo 42iQ	SOURCE	MICRO	NEEDED BY REGULATION	START UP	SU 08/23/2024
			SLAMS	CO	1	Continuous	Thermo 48iQ	SOURCE	MICRO	NEEDED BY REGULATION	START UP	SU 07/25/2024
			SLAMS	PM2.5	3	Continuous	Teledyne T640	SOURCE	MICRO	NEEDED BY REGULATION	START UP	SU 07/24/2024
12-095-2002	Winter Park	466 Harper St., Winter Park, FL 32789; 28.595026, -81.363414	SLAMS	CO	1	Continuous	Serinus 30	POP EXP	NBH	TRENDS MONITORING		SU 3/23/1978; Relocated on existing property 12/2021
			SLAMS	SO_2	1	Continuous	Serinus 50	HI CONC	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976; Relocated on existing property 12/2021
			SLAMS	NO_2	1	Continuous	Thermo 42i	POP EXP	URBAN	COMM-WIDE MONITORING		SU 1/1/1981; Relocated on existing property 12/2021
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976; Relocated on existing property 12/2021
			SLAMS	PM_{10}	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/24/2015; Relocated on existing property 12/2021
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2016; FEM; Relocated on existing property 12/2021

Osceola County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-097-2002	Osceola Co. Fire Station	8706 W Irlo Bronson Memorial Hwy (SR 192), Kissimmee, FL 34747; 28.347509, -81.636464	SLAMS	$PM_{2.5}$	1	Every 12th day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU 11/22/2024 collocation
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU 11/21/2024 collocation
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	URBAN SPRAWL		SU 9/1/1993

Seminole County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-117-1002	Sanford (Seminole Community College)	284-300 Broadmoor Rd., Lake Mary, FL 32773; 28.746111, -81.310556	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 1/1/1980
			SLAMS	PM_{10}	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 12/22/2000
			SLAMS	$PM_{2.5}$	1	Every 12th Day	Thermo 2025i	POP EXP	NBH	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 1/7/1999; Collocated monitor
			SLAMS	$PM_{2.5}$	4	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM

METROPOLITAN STATISTICAL AREA: NORTH PORT-BRADENTON -SARASOTA (MANATEE AND SARASOTA COUNTIES)

Manatee County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-081-3002	Port Manatee	1801 Piney Point Rd., Palmetto, FL 34221; 27.637890, -82.547480	SPM	Ozone	1	Continuous	2B Tech 211	HI CONC	NBH	NEEDED BY REGULATION		SU 4/1/1992; SD 5/31/2008; SU 6/10/2009
12-081-4012	GT Bray Park	5502 33rd Ave Drive W., Bradenton, FL 34209; 27.475190, -82.618180	SPM	Ozone	1	Continuous	2B Tech 211	POP EXP	NBH	USED FOR AQI		SU 02/01/1999; SU 12/31/2020

12-081-4013	39th Street Park	5511 39th St. East, Bradenton, FL 34203; 27.442780, -82.513120	SPM	Ozone	1	Continuous	2B Tech 211	POP EXP	NBH	USED FOR AQI		SU 1/1999; SD 3/31/2008; SU 1/20/2010
12-081-0028	Port Manatee DEP	1801 Piney Point Rd., Palmetto, FL 34221; 27.637890, -82.547480	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 11/5/2013

Sarasota County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-115-0013	Bee Ridge Park	4430 S. Lockwood Ridge Rd., Sarasota, FL 34231; 27.290556, -82.507222	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
12-115-1005	Lido Park	190 Taft Dr., Sarasota, FL 34236; 27.309995, -82.569689	SLAMS	Ozone	1	Continuous	Teledyne T400	HI CONC	URBAN	NEEDED BY REGULATION	Replaced 49i	SU 9/5/1989
12-115-1006	Paw Park	4570 17th St., Sarasota, FL 34235; 27.350278, -82.479722	SLAMS	Ozone	1	Continuous	Teledyne T400	POP EXP	NBH	USED FOR AQI		SU 10/1/1999
			SLAMS	PM_{10}	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 9/19/2003; FEM
12-115-2002	Jackson Road	250 S. Jackson Rd., Venice, FL 34292; 27.089194, -82.362583	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 9/1/2003
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	TRENDS MONITORING		SU 4/1/2009

METROPOLITAN STATISTICAL AREA: CAPE CORAL - FORT MYERS (LEE COUNTY)

Lee County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-071-0005	Winkler Pump Station	1403 Princeton St., Ft. Myers, FL 33901; 26.602016, -81.877908	SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	START UP 12/11/2024	SU 01//01/2018, Temporary shut-down due to shelter damage. SU 12/11/2024
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	START UP 12/11/2024	SU 02/22/2001, Temporary shut-down due to shelter damage. SU 12/11/2024
			SLAMS	$PM_{2.5}$	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION	START UP 12/18/2024	Collocated SU 07/2021 , Temporary shut-down due to shelter damage. SU 12/18/2024
			SLAMS	PM_{10}	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION	START UP 12/18/2024	Collocated SU 07/2021 , Temporary shut-down due to shelter damage. SU 12/18/2024
			SLAMS	Ozone	2	Continuous	49i	POP EXP	NBH	NEEDED BY REGULATION	START UP 12/6/2024	SU 05/2021 , Temporary shut-down due to shelter damage. SU 12/6/2024
12-071-2002	Cape Coral-Rotary Park	5505 Rose Garden Rd., Cape Coral, FL 33914; 26.548212, -81.981523	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR MAPPING		SU 5/7/2001

METROPOLITAN STATISTICAL AREA: LAKELAND -WINTER HAVEN (POLK COUNTY)

Polk County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-105-6005	Sikes Elementary School	2727 Shepard Rd., Lakeland, FL 33811; 27.939746, -82.000084	SLAMS	SO_2	1	Continuous	Thermo 43i	HI CONC	URBAN	NEEDED BY REGULATION		SU 9/16/2013
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 6/18/1992
12-105-6006	Baptist Children's Home	1015 Sikes Blvd, Lakeland, FL 33815; 28.028889, -81.972222	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION	SHUT DOWN 8/26/2024	SU 6/17/1992; SD 8/26/2024, relocatation expected in 2026
			SLAMS	PM_{10}	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION	SHUT DOWN 8/26/2024	SU 10/23/2007; SD 8/26/2024, relocatation expected in 2026
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	SHUT DOWN 8/26/2024	SU 1/1/2018; FEM; SD 8/26/2024, relocatation expected in 2026
12-105-0013	Wildwood	800 South Woodlawn Ave. Zip Code 33830; 27.888061, -81.858597	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION	START UP 2026	Relocatation of 12-105-6006 expected in 2026
			SLAMS	PM_{10}	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION	START UP 2026	Relocatation of 12-105-6006 expected in 2026
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	START UP 2026	Relocatation of 12-105-6006 expected in 2026

METROPOLITAN STATISTICAL AREA: DELTONA - DAYTONA BEACH - ORMOND BEACH (FLAGLER AND VOLUSIA COUNTIES)

Flagler County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS

12-035-0004	Flagler	208 Sawgrass Rd, Bunnell, FL 32110; 29.489083, -81.276833	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI/ASSIST IN FORECASTING		SU 8/25/2011

Volusia County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-127-5002	Daytona - Blind Services	1185-A Dunn Ave, Daytona Beach, FL 32114; 29.206667, -81.052500	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 1/1/1992
			SLAMS	PM_{10}	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/26/1998
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2018

METROPOLITAN STATISTICAL AREA: PALM BAY - MELBOURNE - TITUSVILLE (BREVARD COUNTY)

Brevard County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-009-0007	Melbourne	401 West Florida Ave, Melbourne, FL 32901; 28.053681, -80.629656	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 3/1/2000
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
12-009-4001	Cocoa Beach	400 S. 4th St., Cocoa Beach, FL 32931; 28.310841, -80.615330	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 9/18/1988

METROPOLITAN STATISTICAL AREA: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)

Escambia County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-033-0004	Ellyson Industrial Park	Ellyson Industrial Park at Copter Rd., Pensacola, FL 32514; 30.525367, -87.203550	SLAMS	SO_2	1	Continuous	Thermo 43i	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1975
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 2/3/2021
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 2/3/2021
12-033-0018	Pensacola NAS	21 Cunningham St., Pensacola, FL 32508; 30.368050, -87.270967	SLAMS	$PM_{2.5}$	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	**ADD**	SU 5/1/2024
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 10/21/1980

Santa Rosa County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-113-0015	Woodlawn Beach Middle School	1500 Woodlawn Way, Gulf Breeze, FL 32563; 30.394133, -87.008033	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USE FOR AQI		SU 3/9/2005
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	USE FOR AQI		SU 2/19/2008

METROPOLITAN STATISTICAL AREA: PORT ST. LUCIE - FT PIERCE (MARTIN AND ST LUCIE COUNTIES)

Martin County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-085-0007	Stuart	950 SE Monterey Rd., Stuart, FL 34994; 27.172458, -80.240689	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 6/11/2010
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 12/15/2022
			SLAMS	PM_{10}	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 12/15/2022

St. Lucie County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-111-0013	Savannas	1420 E Midway Rd., Ft. Pierce, FL 34981; 27.389079, -80.311033	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 2/24/2011

METROPOLITAN AREA: TALLAHASSEE (LEON, JEFFERSON AND WAKULLA COUNTIES)

Leon County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-073-0012	Tallahassee Community College	110 Century Park Circle W., Tallahassee, FL 32304; 30.439722, -84.346389	SLAMS	Ozone	1	Continuous	Thermo 49iQ	HI CONC	NBH	NEEDED BY REGULATION		SU 6/13/1998
			SLAMS	$PM_{2.5}$	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1999
			SLAMS	$PM_{2.5}$	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION		SU 10/1/2004; Collocated monitor
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION	REINSTALLED	SU 7/14/2003;SD7/18/23; SU10/16/24
			SLAMS	$PM_{2.5}$	4	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION	SHUT DOWN	SU 7/1/2023;SD 9/30/2024
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	SHUT DOWN	SU 7/1/2023;SD 9/30/2024
			STN	EC/OC		Every 6th Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 10/4/2009
			STN	SPEC. PM2.5		Every 6th Day	METONE SASS	POP EXP	URBAN	TRENDS MONITORING		SU 10/4/2009
				Meteorology		Continuous		POP EXP	URBAN	SUPPORT SASS NETWORK		SU 6/13/1998

Wakulla County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	County Rd. 59, St. Marks, FL 32355; 30.092500, -84.161111	SLAMS	CO	1	Continuous	Teledyne T300U	BKGD	URBAN	RURAL NCORE		SU 4/27/2015; Trace Level
			SLAMS	SO_2	3	Continuous	Teledyne T100U	BKGD	URBAN	RURAL NCORE		SU 1/1/2015; Trace Level
			SLAMS	NOy	1	Continuous	Teledyne T200U	BKGD	URBAN	RURAL NCORE		SU 1/1/2015
			SLAMS	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	NEEDED BY REGULATION		SU 4/13/2001
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	BKGD	URBAN	RURAL NCORE		SU 1/1/2015
				Meteorology		Continuous		BKGD	URBAN	SUPPORT NCORE NETWORK		SU 4/13/2001

METROPOLITAN STATISTICAL AREA: NAPLES - MARCO ISLAND (COLLIER COUNTY)

Collier County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-021-0004	Laurel Oak Elementary	7800 Immokalee Rd., Naples, FL 34119; 26.270083, -81.710959	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 9/26/2001
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 3/2/2005

METROPOLITAN STATISTICAL AREA: OCALA (MARION COUNTY)

Marion County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-083-0003	Ocala - YMCA	3200 SE 17th St., Ocala, FL 34471; 29.171283, -82.094767	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC/ UPWIND BKGD	NBH	MONITORING GROWTH IMPACT		SU 5/27/1998
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 11/27/2007
12-083-0004	Marion County Sheriff	692 NW 30th Ave, Ocala, FL 34475; 29.192754, -82.173149	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 11/8/2000

METROPOLITAN STATISTICAL AREA: GAINESVILLE (ALACHUA , GILCHRIST , AND LEVY COUNTY)

Alachua County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS

12-001-3012	Paynes Prairie Farm	9300 CR 234, Micanopy, FL 32667; 29.56615, -82.266066	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 12/17/2016
			SLAMS	$PM_{2.5}$	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2019; FEM
			SLAMS	$PM_{2.5}$	4	Continuous	Teledyne T640	POP EXP	NBH	QA COLLOCATION		SU 1/1/2019; FEM; Collocated Monitor

METROPOLITAN STATISTICAL AREA: CRESTVIEW - FORT WALTON BEACH - DESTIN (OKALOOSA COUNTY)

Okaloosa County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-091-0003	Fort Waltom Beach Stillwell Park	710 Essex Road, Fort Walton Beach, FL 32548 ; 30.442997 ,-86.609662	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 5/2023
			SLAMS	PM_{10}	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI		SU 5/2023

METROPOLITAN STATISTICAL AREA: PANAMA CITY - PANAMA CITY BEACH (BAY AND WASHINGTON COUNTY)

Bay County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-005-0006	St. Andrews State Park	4607 State Park Lane, Panama City, FL 32408; 30.130433, -85.731517	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 7/13/2000
			SPM	$PM_{2.5}$	1	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 2/27/2009

METROPOLITAN STATISTICAL AREA - SEBRING (HIGHLANDS COUNTY)

Highlands County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-055-0003	Archbold Biological Station	123 Main Dr., Venus, FL 33960; 27.189215, -81.340350	SPM	Ozone	1	Continuous	Thermo 49i	HI CONC/ GEN BKGD	REGIONAL	REGIONAL BACKGROUND		SU 6/14/2001

MICROPOLITAN STATISTICAL AREA: PALATKA (PUTNAM COUNTY)

Putnam County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-107-1008	Palatka Barge Port	188 Comfort Rd., Palatka, FL 32177; 29.687748, -81.656509	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 8/15/1991
			SLAMS	PM_{10}	3	Continuous	Thermo 1405	POP EXP/ SOURCE	NBH	SOURCE MONITORING		SU 12/13/2002

MICROPOLITAN STATISTICAL AREA: LAKE CITY (COLUMBIA COUNTY)

Columbia County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-023-0002	Lake City - Veterans Domicile	751 SE Sycamore Terrace, Lake City, FL 32025; 30.178056, -82.619167	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	MONITOR IMPACT OF HIGH TRAFFIC		SU 11/1/2000
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 5/17/2007

MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)

Citrus County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-017-0006	Crystal River Preserve	13450 W. Power Line Rd., Crystal River, FL 34428; 28.958644, -82.642965	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 12/13/2013
			SPM	$PM_{2.5}$	1	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 12/7/2015

NOT IN A METROPOLITAN STATISTICAL AREA

Holmes County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-059-0004	Bonifay	1976 Tri County Airport Rd., Bonifay, FL 32425; 30.844621, -85.605095	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	REGIONAL	REGIONAL BACKGROUND		SU 9/1/1996
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 6/14/2007

Hamilton County												
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**
12-047-0017	White Springs Plant	16489 SE CR 137, White Springs, FL 32096; 30.426029, -82.795356	SLAMS	SO_2	1	Continuous	Thermo 43i	SOURCE	MIDDLE	SOURCE MONITORING		SU 03/18/2022
			SPM	$PM_{2.5}$	3	Continuous	Thermo 1405	SOURCE	NBH	RURAL MONITORING		SU 03/24/2022
IMPROVE NETWORK												
AQS #	**SITE NAME**	**ADDRESS/ COORDINATES**	**TYPE**	**POLLUTANT**	**POC**	**OPERATING SCHEDULE**	**SAMPLER**	**MONITORING OBJECTIVE**	**SPATIAL SCALE**	**STATEMENT OF PURPOSE**	**MODIFICATIONS**	**COMMENTS**
12-129-0001	St. Marks Wildlife Refuge	County Rd. 59, St. Marks, FL 32355; 30.092500, -84.161111	SPM	$PM_{2.5}$		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 2000
12-017-9000	Chassahowitzka National Wildlife Refuge	S Timber Pines Ave., Homosassa, FL 34448; 28.7486, -82.5551	SPM	$PM_{2.5}$		Every 3rd Day	IMPROVE	TRANSPORT	URBAN	NEEDED BY REGULATION		SU 1993
12-086-0030	Everglades National Park	Everglades National Park, FL	SPM	$PM_{2.5}$		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 1988

List of Abbreviations:

AQI	Air Quality Index
BKGD	Background
CO	Carbon Monoxide
CSN	Chemical Speciation Network
EJ	Environmental Justice
EC/OC	Elemental Carbon/Organic Carbon
FRM	Federal Reference Method
GEN BKGD	General Background
HI CONC	High Concentration
MET	Implies that wind speed and wind direction instruments are on site
NAMS	National Air Monitoring Stations
NBH	Neighborhood
NCORE	National Core
NO_2	Nitrogen Dioxide
NON-REG	Non-regulatory Monitoring
POP EXP	Population Exposure
$PM_{2.5}$	Particulate matter with aerodynamic diameter of 2.5 micro meter
PM_{10}	Particulate matter with aerodynamic diameter of 10 micro meter
SLAMS	State and Local Air Monitoring Stations
SO_2	Sulfur Dioxide
SPM	Special Purpose Monitors
SPEC. $PM_{2.5}$	Supplemental $PM_{2.5}$ Speciation
SD	Shut Down
SU	Set Up
STN	Speciation Trends Network
UFP	Ultra Fine Particle
VOC	Volatile Organic Compound