

# Florida Department of Environmental Protection



**2023**

## **Annual Ambient Air Monitoring Network Plan**

**Division of Air Resource Management  
Florida Department of Environmental Protection  
June 2023**

Florida Department of Environmental Protection  
Division of Air Resource Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
[www.floridadep.gov](http://www.floridadep.gov)

# **TABLE OF CONTENTS**

1. INTRODUCTION .....	1
2. AIR MONITORING NETWORK 2023.....	3
2.1 Network Design Principles.....	3
2.2 Network Equipment Upgrades and Enhancement.....	5
3. AIR MONITORING NETWORK MODIFICATIONS .....	7
3.1 Site shut-downs, START-UPS, and relocations UPDATES.....	8
<i>A. Site Updates</i> .....	8
3.2 American Rescue Plan (ARP) Funding.....	10
4. FLORIDA’S AMBIENT AIR MONITORING NETWORK 2023.....	13
4.1 Ozone Network.....	13
4.2 PM <sub>2.5</sub> Network.....	15
4.3 NCore Network.....	18
4.4 PAMS Network .....	19
4.5 NATTS Network .....	22
4.6 SO <sub>2</sub> Monitoring Network.....	23
4.7 NO <sub>2</sub> Monitoring Network.....	25
4.8 CO Monitoring Network .....	29
4.9 PM <sub>10</sub> Monitoring Network.....	30
4.10 Lead Monitoring Network.....	32
5. MONITORING WAIVERS.....	33
6. GLOSSARY OF AIR MONITORING TERMS .....	34
7. APPENDICES .....	36
Appendix A: Additional Network Information .....	37
<i>A.1 Site Relocation</i> .....	37
Appendix B: Annual Site Review Summary.....	46
Appendix C: Ambient Air Monitoring Network Description .....	52
Appendix D: Ambient Air Monitoring Inventory .....	63

## **LIST OF FIGURES**

Figure 1.1 2023 Site Locations for Florida’s Ambient Air Monitoring Network .....	1
Figure 4.1 2021 Florida Hospitalizations for Asthma .....	27
Figure 7.1 North from FWB Stillwell Park Site (AQS # 12-091-0003).....	37
Figure 7.2 South from FWB Stillwell Park Site (AQS # 12-091-0003).....	38
Figure 7.3 East from FWB Stillwell Park Site (AQS # 12-091-0003) .....	39
Figure 7.4 West from FWB Stillwell Park Site (AQS # 12-091-0003).....	40
Figure 7.5 Sand pile removal East of FWB Stillwell Park Site (AQS # 12-091-0003).....	401
Figure 7.6 Sand pile removal East of FWB Stillwell Park Site (AQS # 12-091-0003).....	42
Figure 7.7 Sand pile removal South of FWB Stillwell Park Site (AQS # 12-091-0003).....	43
Figure 7.8 Aerial of FWB Stillwell Park Site (AQS # 12-091-0003).....	42
Figure 7.9 Wind Rose from FWB Stillwell Park Site (AQS # 12-091-0003) .....	45

## **LIST OF TABLES**

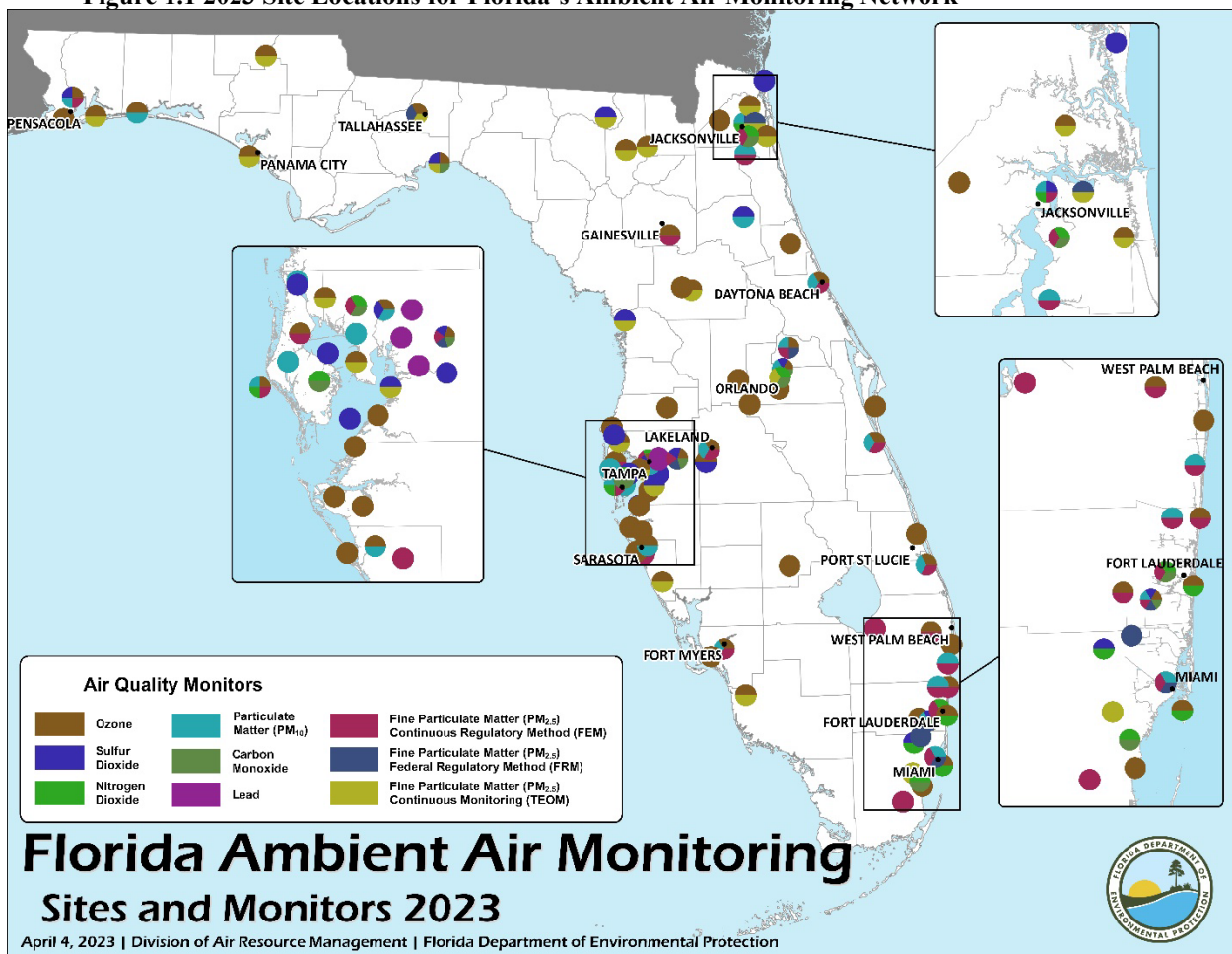
Table 1.1 Florida’s Primary Quality Assurance Organization.....	2
Table 2.1 Equipment Purchases 2022/2023.....	5
Table 3.1 Summary of Network Modifications .....	7
Table 3.2 Fort Walton Beach Stillwell Park (AQS # 12-091-0003) .....	8
Table 3.3 Enhanced Air Quality Monitoring Direct Awards to the Florida PQAO.....	11
Table 3.4 Competitive Grant Selected Applicants for Enhanced Air Quality Monitoring within Florida.....	12
Table 4.1 Florida’s Ozone Network.....	13
Table 4.2 Florida’s PM <sub>2.5</sub> Network .....	15
Table 4.3 NCore Sites in Florida .....	18
Table 4.4 PAMS Network Description, Broward County .....	20
Table 4.5 PAMS Network Description, Hillsborough County.....	21
Table 4.6 NATTS Sites in Florida .....	22
Table 4.7 SO <sub>2</sub> Monitoring Requirements.....	23
Table 4.8 Florida’s SO <sub>2</sub> Network.....	24
Table 4.9 NO <sub>2</sub> Monitoring Required by 2010 NAAQS.....	26
Table 4.10 Florida’s NO <sub>2</sub> Near-road Network and Monitor Designations.....	28
Table 4.11 Florida’s CO Network .....	29
Table 4.12 Florida’s PM <sub>10</sub> Network.....	30
Table 4.13 Florida’s Lead Source Monitoring Network.....	32
Table 7.2 Annual Site Summary 2022-2023.....	46

# 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 22 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 2023 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**

<b>DEP’s Division of Air Resource Management</b>	<b>Local Programs</b>
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 this report 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. The plan was made available at <https://floridadep.gov/air/air-monitoring/documents/2023-ambient-air-monitoring-network-plan> for public inspection and comment from April 25, 2023, to June 9, 2023. DEP granted a request by Earthjustice to extend the comment period from May 26, 2023, to June 9, 2023, to provide the public additional time to review the draft plan and provide comments. Earthjustice provided comments on June 9, 2023, on behalf of their members, supporters, and the communities of people in Florida for whom the organizations work.

## 2. Air Monitoring Network 2023

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 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<sub>2.5</sub>, and PM<sub>10</sub>. 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 Air Quality Index (AQI) is reported and updated hourly on Florida DEP's website at [www.floridadep.gov/air/air-monitoring/content/floridas-air-quality](http://www.floridadep.gov/air/air-monitoring/content/floridas-air-quality). 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](http://www.airnow.gov).

An Air Monitoring Network Plan is also required to provide evidence that siting and operation of each monitor meet 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 Gaseous QAPP was approved in April 2022 and the PM (PM<sub>2.5</sub> and PM<sub>10</sub>) QAPP was approved in January 2023. The current QMP was approved in September 2021.
2. Florida DEP Quality Assurance staff complete instrument performance and technical systems audits for all agencies throughout the state.
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 assure that these requirements continue to be met, sites are reviewed annually by Florida DEP QA audit 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, the PQA0 has made extensive investments into 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. These equipment upgrades are reflected in the “Network Description and Requirements” and “Network Equipment Evaluation” sections of the plan. Table 2.1 highlights major equipment purchases, and upgrades accomplished during the last 18 months:

**Table 2.1 Equipment Purchases 2022/2023**

<b>Agency</b>	<b>Quantity</b>	<b>Equipment Purchases</b>
<b>Florida DEP</b>	5	Thermo 49iQ Ozone Analyzers
<b>Florida DEP</b>	5	Thermo 49iQPS Calibrators
<b>Florida DEP</b>	2	Teledyne T640X Particulate Monitors
<b>Florida DEP</b>	2	Teledyne T700 Calibrators
<b>Florida DEP</b>	2	Teledyne T703 Trace-Level Photometric Ozone Calibrators
<b>Florida DEP</b>	2	Air Monitoring Site Shelters
<b>Florida DEP</b>	15	Alicat FP-25 Calibrator Kits
<b>Florida DEP</b>	1	Alicat PCU Primary Flow Standard
<b>Broward County</b>	1	Thermo 2025i Particulate Matter Sampler
<b>Broward County</b>	1	Entech SL2 12P Oven Cleaning System
<b>Broward County</b>	1	Entech SL2 Precision Static Diluter & 4 position 110L cylinder holder
<b>Broward County</b>	1	Teledyne T500U NO <sub>2</sub> Analyzer
<b>Broward County</b>	1	Teledyne T640X Particulate Monitor
<b>Broward County</b>	1	Teledyne T700U Calibrator
<b>Broward County</b>	1	Thermo 48iQ- TLE CO Analyzer
<b>City of Jacksonville</b>	1	Teledyne T700U Calibrator
<b>City of Jacksonville</b>	2	Alicat FP-25 Flow Meter
<b>Hillsborough County</b>	1	Thermo 2025i Particulate Matter Sampler
<b>Hillsborough County</b>	1	Teledyne T701H Zero Air Generator
<b>Hillsborough County</b>	1	Thermo 146iQ Multi-Gas Calibrator
<b>Hillsborough County</b>	1	Teledyne T700U Calibrator
<b>Hillsborough County</b>	5	Agilaire 8872 Data Loggers
<b>Manatee County</b>	2	2B Technologies Model 211 Ozone Monitors
<b>Miami-Dade County</b>	1	Teledyne T300U CO Analyzer
<b>Miami-Dade County</b>	1	Teledyne T640X Particulate Monitor
<b>Orange County</b>	1	Teledyne T640X Particulate Monitor
<b>Orange County</b>	1	Fluke 51 II Digital Thermometer
<b>Palm Beach County</b>	2	Teledyne T640 Particulate Monitors
<b>Palm Beach County</b>	1	Teledyne T400 Ozone Analyzer
<b>Palm Beach County</b>	1	Teledyne T703 Calibrator
<b>Pinellas County</b>	1	Teledyne T700U Dynamic Dilution Calibrator

<b>Agency</b>	<b>Quantity</b>	<b>Equipment Purchases</b>
<b>Pinellas County</b>	1	Teledyne T703 UV Photometric O3 Calibrator
<b>Pinellas County</b>	1	Agilent Model 8890/5977B GC/MS/D
<b>Pinellas County</b>	1	Entech 7200 Cryogenless Preconcentrator
<b>Pinellas County</b>	3	Alicat Sci. Mass Flow Meter (100sccm,200sccm,20SLPM)
<b>Sarasota County</b>	1	Teledyne T640 Particulate Monitor

### 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 2023. The discussion within this plan is organized as follows:

- Sites scheduled for shut down, set-up, or relocation;
- Scheduled monitor changes and discontinuations; and
- Network descriptions organized by pollutant for 2023.

This plan also provides additional site information in Appendix A, a summary of all site reviews for the network in Appendix B and a complete inventory list 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 for 2023 are provided in Table 3.1.

**Table 3.1 Summary of Network Modifications**

AQS #	Site Name	Parameter	Modification
12-086-6001	Homestead Fire Station	PM <sub>2.5</sub> and Continuous PM <sub>2.5</sub>	Closed (Relocation of Continuous PM <sub>2.5</sub> to Wittkop Park site (AQS # 12-086-6002); Approved by EPA 10/22/2019
12-086-6002	Wittkop Park	PM <sub>10</sub> , Continuous PM <sub>2.5</sub>	Addition expected 6/2023; Approved by EPA 10/22/2019
12-031-0032	Kooker Park	PM <sub>10</sub> , PM <sub>2.5</sub>	Replace PM <sub>10</sub> Thermo 1405 and PM <sub>2.5</sub> Thermo 1405 with SLAMS Continuous PM <sub>2.5</sub> and PM <sub>10</sub> T640X monitor; SU expected 7/2023
12-031-0099	Sunny Acres	PM <sub>2.5</sub> (Primary and Collocated monitor)	Replace PM <sub>2.5</sub> primary and collocated Thermo 2025i with continuous PM <sub>2.5</sub> T640 SU 1/2023. Shutdown primary and collocated PM <sub>2.5</sub> ; SD 1/2023
12-095-0009	I-4 Near Road	NO <sub>2</sub> , CO, PM <sub>2.5</sub>	Construction of I-4 completed February 2022; Orange County is working with FDOT to set up the site at its new permanent location with expected start date of 12/31/2023
12-095-0011	Presidents Drive Near Road	NO <sub>2</sub> , CO, PM <sub>2.5</sub>	SU Expected 4/2024
12-091-0002	Fort Walton Beach	Ozone, PM <sub>10</sub>	Site closed 6/20/2022 due to the property owner's request that Florida DEP vacate the property; new site AQS # 12-091-0003 within the Crestview-Fort Walton Beach-Destin MSA is established; full evaluation of the site is provided below.

AQS #	Site Name	Parameter	Modification
12-091-0003	Fort Walton Beach Stillwell Park	Ozone, PM <sub>10</sub>	Replaces AQS Site # 12-091-0002; full evaluation is provided below.
12-085-0007	Stuart	Ozone, PM <sub>2.5</sub> , PM <sub>10</sub>	Added a Teledyne T640X SU 12/15/2022 to meet network compliance due to a recent increase in the area's population.

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

#### A. Site Updates

##### Okaloosa County – Fort Walton Beach Site (AQS # 12-091-0002)

The Fort Walton Beach (FWB) site in Okaloosa County (AQS # 12-091-0002) was relocated per the request of the property owner (Okaloosa County School District) due to the pending sell of the property. The site was relocated to another area in the Crestview-Fort Walton Beach-Destin CBSA and will remain representative of the same air mass. The new site, FWB Stillwell Park, is located approximately 3.63 miles northeast of the original site and given a new AQS Site identification number (AQS # 12-091-0003). Site review information for the FWB Stillwell Park site is presented in Table 3.2 below and other pertinent site information is provided in Appendix A for a full evaluation of the new site.

**Table 3.2 Fort Walton Beach Stillwell Park (AQS # 12-091-0003)**

Fort Walton Beach Stillwell Park	
<b>AQS Site #</b>	12-091-0003
<b>City (CBSA)</b>	Fort Walton Beach (Crestview-Fort Walton Beach-Destin)
<b>Site Name</b>	FWB Stillwell Park
<b>Statement of Purpose</b>	O <sub>3</sub> : Needed by regulation; PM <sub>10</sub> : Used for AQI
<b>Site Review Date</b>	4/10/2023
<b>County</b>	Okaloosa
<b>Location Latitude</b>	30.442997 N
<b>Location Longitude</b>	-86.609662 W
<b>Address</b>	710 Essex Road, Fort Walton Beach, FL
<b>Objective</b>	Population Exposure
<b>Pollutants Monitored</b>	O <sub>3</sub> , PM <sub>10</sub>
<b>Sampling and Analysis Method</b>	O <sub>3</sub> : Thermo 49i, PM <sub>10</sub> : Thermo 1405
<b>Spatial Scale</b>	Urban
<b>Operating Schedule</b>	Continuous
<b>Network Type</b>	SLAMS
<b>Distance from Inlet to nearest:</b>	Tree drip line: 19 meters Wall: N/A Road: 64 meters
<b>Access</b>	Unlimited

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

The I-4 Near Road site (AQS # 12-095-0009) was granted approval 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 currently Orange County is working with the Florida Department of Transportation (FDOT) to set up the new site near the originally approved location. The expected operational start date for the I-4 Near Road site is December 2023.

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

The President's Drive Near Road Site was granted approval on March 9, 2022. The expected operational start date for the site is March 2024.

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

In October 2022, Winkler Pump Station sustained irreparable damage from Hurricane Ian. The site has been temporarily shut down pending the manufacture, and installation of the new shelter, which was purchased in March 2023 with American Rescue Plan funds. The site is expected to resume operations in August 2023.



### **3.2 AMERICAN RESCUE PLAN (ARP) FUNDING**

Through the American Rescue Plan (ARP), the EPA has provided air monitoring funding via direct awards and competitive grants to the Florida PQA agencies to address environmental risks in underserved communities and to support other dedicated air quality monitoring priorities at existing sites. Also, as part of the direct award funding opportunity, new sites are planned in underserved communities in Broward, Pinellas, and Miami-Dade counties. The counties and Florida DEP are working with the EPA to identify the site locations and more information will be provided in future network plans about each selected site. Table 3.4 provides information regarding enhanced air quality monitoring direct awards received by the Florida PQA agencies. Additionally, EPA selected 132 projects, in 37 states, to receive funding to conduct ambient air monitoring of pollutants in communities across the country with environmental and health outcome disparities stemming from pollution and the COVID-19 pandemic. Table 3.5 provides information regarding the projects that were selected within Florida. Additional information about the EPA's ARP funding can be found at <https://www.epa.gov/arp>.

**Table 3.3 Enhanced Air Quality Monitoring Direct Awards to the Florida PQAO**

<b>Grant Recipient</b>	<b>Amount Awarded</b>	<b>Purpose</b>
Florida DEP	\$176,500	<ul style="list-style-type: none"> <li>Enhanced Continuous PM2.5 monitoring</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Broward County	\$149,250	<ul style="list-style-type: none"> <li>New Site (Western Broward County, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
City of Jacksonville	\$74,600	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Hillsborough County	\$80,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Manatee County	\$26,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Miami-Dade County	\$180,500	<ul style="list-style-type: none"> <li>Enhanced Continuous PM2.5 monitoring</li> <li>New Site (Miami, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Orange County	\$44,382	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Florida Department of Health Palm Beach County	\$26,500	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Pinellas County	\$100,300	<ul style="list-style-type: none"> <li>New Site (St. Petersburg, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Sarasota County	\$60,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>

**Table 3.4 Competitive Grant Selected Applicants for Enhanced Air Quality Monitoring within Florida**

<b>Primary Applicant</b>	<b>Proposed EPA Funding</b>	<b>Project Description</b>
Hillsborough County Metropolitan Planning Organization	\$389,875	Recipient will create an air quality monitoring network along I-275 and I-4 focusing on communities of concern to provide data-based information for future project planning. The project will measure known health-impacting air pollutants from vehicular traffic with the intent for community members and school children to learn, participate and help report about localized air quality.
Miami -Dade County/Solid Waste Management	\$499,988	Recipient will expand and strengthen partnerships, engage community members in design and performance assessment of a new clean air community partnership program, What’s your 305 Air Quality?, to ensure that environmental justice communities are included to help guide equitable and effective air quality mitigation actions.
National Coalition of 100 Black Women - Central Florida Chapter, Inc.	\$440,000	Recipient will create a Community Air Quality Advisory Council (Council) comprised of representatives from underserved communities in Orange County, FL that is informed by Community Science Air Quality Monitoring. Recipient will create a monitoring network in underserved communities and will provide technical and policy support to council participants.

## 4. Florida’s Ambient Air Monitoring Network 2023

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, particles (dust), nitrogen oxides, sulfur dioxide, and carbon monoxide. These monitoring services are provided following EPA regulatory requirements. The criteria pollutant monitoring system is designed to make 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 if all requests in this plan are granted.

### 4.1 OZONE NETWORK

Florida’s PQAQO 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 2020-2022 design values.

**Table 4.1 Florida’s Ozone Network**

AQS #	Site Name	Pollutant	2020-2022 Design Values (ppb)
12-001-3012	Paynes Prairie Farm	Ozone	58
12-003-0002	Osceola National Forest - OluStee Ranger Station	Ozone	58
12-005-0006	St. Andrews State Park	Ozone	57
12-009-0007	Melbourne	Ozone	59
12-009-4001	Cocoa Beach	Ozone	59
12-011-0033	Vista View Park	Ozone	59
12-011-0034	Daniela Banu (NCore Site)	Ozone	58
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	56
12-023-0002	Lake City - Veterans Domicile	Ozone	Not Available – Data Completeness
12-031-0077	Sheffield Elementary	Ozone	60
12-031-0100	Mayo Clinic	Ozone	59
12-031-0106	Cisco Drive	Ozone	58
12-033-0004	Ellyson Industrial Park	Ozone	58
12-033-0018	Pensacola NAS	Ozone	60
12-035-0004	Flagler	Ozone	56
12-055-0003	Archbold Biological Station	Ozone	58
12-057-0081	E.G. Simmons Park	Ozone	63
12-057-1035	Davis Island (Coast Guard Station)	Ozone	58
12-057-1065	USMC Reserve Center	Ozone	65
12-057-3002	Sydney (NCore Site)	Ozone	59
12-059-0004	Bonifay Tri-County Airport	Ozone	55
12-069-0002	Clermont	Ozone	60

<b>AQS #</b>	<b>Site Name</b>	<b>Pollutant</b>	<b>2020-2022 Design Values (ppb)</b>
12-071-0005	Winkler Pump Station	Ozone	Not Available – Site Opened 5/2021
12-071-2002	Rotary Park	Ozone	Not Available – Data Completeness
12-073-0012	Tallahassee Community College	Ozone	57
12-081-3002	Port Manatee	Ozone	Not Available – Data Completeness
12-081-4012	GT Bray Park	Ozone	58
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	55
12-086-0027	Rosenstiel (University of Miami)	Ozone	60
12-086-0029	Perdue	Ozone	60
12-091-0003	Fort Walton Beach Stillwell Park	Ozone	Not Available – Site Opened 5/2023
12-095-0010	Skyview	Ozone	Not Available – Site Opened 3/2020
12-095-2002	Lake Isle Estates - Winter Park	Ozone	62
12-097-2002	Osceola Co. Fire Station - Four Corners	Ozone	60
12-099-0021	Lantana Preserve	Ozone	56
12-099-0022	Lamstein Lane	Ozone	56
12-101-0005	San Antonio	Ozone	59
12-101-2001	Holiday	Ozone	60
12-103-0004	St. Petersburg College	Ozone	61
12-103-0018	Azalea Park	Ozone	59
12-103-5002	John Chesnut Sr. Park - East Lake	Ozone	60
12-105-6005	Sikes Elementary School	Ozone	61
12-105-6006	Baptist Children's Home	Ozone	60
12-111-0013	Savannas	Ozone	57
12-113-0015	Woodlawn Beach Middle School	Ozone	60
12-115-1005	Lido Park	Ozone	59
12-115-1006	Paw Park	Ozone	61
12-115-2002	Jackson Road	Ozone	58
12-117-1002	Seminole Community College	Ozone	60
12-127-5002	Daytona - Blind Services	Ozone	58
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	Ozone	55

## 4.2 PM<sub>2.5</sub> NETWORK

### *The Federal Reference Method and Federal Equivalent Method Network*

Florida's PQA currently operates 9 federal reference methods (FRM) and 29 federal equivalent method (FEM) monitors, for a total of 38 monitors of which there are 31 primary monitors and 7 collocated monitors. All of Florida's FEM monitors have been approved by the EPA and can be used to determine compliance with 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. All of Florida's PM<sub>2.5</sub> monitoring sites, with valid design values for 2020-2022, are less than 80 percent of the annual standard (9.6 µg/m<sup>3</sup>) as detailed in Table 4.2.

**Table 4.2 Florida's PM<sub>2.5</sub> Network**

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2020-2022 Design Values	Comments
12-001-3012	Paynes Prairie Farm	FEM	Continuous	7.1	Collocated monitor, same method designation
		FEM	Continuous		
12-009-0007	Melbourne	FEM	Continuous	7.9	
12-011-0033	Vista View Park	FEM	Continuous	Not Available	Site Opened 08/2021
12-011-0034	Daniela Banu (NCore Site)	FEM	Continuous	6.9	Collocated FRM monitor
		FRM	Every 3 <sup>rd</sup> Day		
12-011-0035	Fort Lauderdale Near Road	FEM	Continuous	9.4	Near road
12-011-2003	Pompano Highland Fire House	FEM	Continuous	7.4	
12-011-5005	Coconut Creek	FEM	Continuous	7.6	
12-031-0098	Mandarin Rd Site	FEM	Continuous	8.2	
12-031-0099	Sunny Acres	FEM	Continuous	Not Available	Start up 01/2023
12-031-0108	Pepsi Place (PP-PPL)	FEM	Continuous	8.7	Near road
12-033-0004	Ellyson Industrial Park	FEM	Continuous	9.5	
12-057-0113	Munro Street	FEM	Continuous	8.3	Near road

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2020-2022 Design Values	Comments
12-057-3002	Sydney (NCore Site)	FRM	Every 3 <sup>rd</sup> Day	7.6	Collocated monitor, same method designation
		FRM	Every 12 <sup>th</sup> Day		
12-071-0005	Winkler Pump Station	FEM	Continuous	Not Available – Data Completeness	Collocated monitor, same method designation
		FEM	Continuous		
12-073-0012	Tallahassee Community College	FRM	Every 3 <sup>rd</sup> Day	7.2	Collocated monitor, same method designation
		FRM	Every 12 <sup>th</sup> Day		
12-085-0007	Stuart	FEM	Continuous	Not Available-Monitor Start-up 12/2022	
12-086-0033	Palm Springs Fire Station	FRM	Every 3 <sup>rd</sup> Day	6.5	
12-086-1016	Miami Fire Station	FEM	Continuous	7.1	Collocated FRM monitor
		FRM	Every 12 <sup>th</sup> Day		
12-086-6001	Homestead Fire Station	FRM	Every 3 <sup>rd</sup> Day	7.1	
12-095-0009	I-4 Near Road	FEM	Continuous	Not Available – Site has a temporary monitoring waiver	Near road
12-095-0011	Presidents Drive	FEM	Continuous	SU Expected 7/2023	Near road
12-095-2002	Lake Isle Estates - Winter Park	FEM	Continuous	Not Available – Data Completeness	
12-099-0008	Belle Glade	FEM	Continuous	Not Available-Monitor opened 11/1/2021	
12-099-0022	Lamstein Lane	FEM	Continuous	6.6	
12-099-2005	Delray Beach	FEM	Continuous	6.7	
12-103-0004	St. Petersburg College	FEM	Continuous	7.1	
12-103-0018	Azalea Park	FEM	Continuous	7.7	

<b>AQS #</b>	<b>Site Name</b>	<b>Method: FRM/FEM</b>	<b>Operating Schedule</b>	<b>2020-2022 Design Values</b>	<b>Comments</b>
12-105-6006	Baptist Children's Home	FEM	Continuous	8.3	
12-115-0013	Bee Ridge Park	FEM	Continuous	7.9	
12-117-1002	Sanford	FEM	Continuous	7.5	
		FRM	Every 12th Day		Collocated FRM monitor
12-127-5002	Daytona - Blind Services	FEM	Continuous	8.3	



### 4.3 NCore NETWORK

The National Core (NCore) monitoring network is designed to be approximately 80 sites nationwide, 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 <sub>3</sub> , NO <sub>y</sub> , CO, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub>
12-011-0034	Daniela Banu	O <sub>3</sub> , NO <sub>y</sub> _TL, NO <sub>z</sub> _TL, NO_TL, CO_TL, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub> , PM <sub>10-2.5</sub> , Low Volume PM <sub>10</sub> , PM <sub>10</sub> and PM <sub>2.5</sub>
12-057-3002	Sydney	O <sub>3</sub> , NO <sub>y</sub> _TL, NO <sub>z</sub> _TL, NO_TL, CO_TL, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub> , PM <sub>10-2.5</sub> , Low Volume PM <sub>10</sub> , PM <sub>10</sub> and PM <sub>2.5</sub>

EPA only requires two NCore monitoring sites for the State of Florida, but the PQA0 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<sub>2</sub>, CO and total reactive nitrogen (NO<sub>y</sub>) 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<sub>3</sub>;
4. Hourly averaged nitrogen oxide (NO), true nitrogen dioxide (NO<sub>2</sub>), and total reactive nitrogen (NO<sub>y</sub>);
5. Hourly averaged ambient temperature;
6. Hourly vector-averaged wind direction<sup>1</sup>;
7. Hourly vector-averaged wind speed<sup>1</sup>;
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<sub>2</sub> data collected went through the certification process for 2021. The Hillsborough County PAMS network intends to be operational after the start of the 2023 PAMS season. 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**

<b>POLLUTANT</b>	<b>OPERATING SCHEDULE</b>	<b>SAMPLER</b>	<b>MONITORING OBJECTIVE</b>	<b>SPATIAL SCALE</b>
<b>NMHC</b>	Continuous, PAMS season ONLY	CAS Auto-GC FID	POP EXP	NBH
<b>Carbonyls</b>	3 - 8-hour samples, 1-in-3, during national ozone season ONLY	ATEC 8000	POP EXP	NBH
<b>NO<sub>2</sub></b>	Continuous, PAMS season ONLY	Teledyne T500U	POP EXP	NBH
<b>UV/Solar Radiation</b>	Continuous, PAMS season ONLY	Kipp & Zonen SUV5-V & SMP6-V	POP EXP	NBH
<b>Precipitation Gage</b>	Continuous, PAMS season ONLY	RM Young 52202	POP EXP	NBH
<b>Atmospheric Pressure Gauge</b>	Continuous, PAMS season ONLY	RM Young 61302L	POP EXP	NBH
<b>Mixing Height</b>	Continuous, during national PAMS season ONLY	Vaisala CL51 Ceilometer	POP EXP	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**

<b>POLLUTANT</b>	<b>OPERATING SCHEDULE</b>	<b>SAMPLER</b>	<b>MONITORING OBJECTIVE</b>	<b>SPATIAL SCALE</b>
<b>NMHC</b>	Continuous, PAMS season ONLY	Markes-Agilent Auto-GC FID	POP EXP	NBH
<b>Carbonyls</b>	3 - 8-hour samples, 1-in-3, during national ozone season ONLY	ATEC 8000	POP EXP	NBH
<b>NO<sub>2</sub></b>	Continuous, PAMS season ONLY	Teledyne T500U	POP EXP	NBH
<b>UV/Solar Radiation</b>	Continuous, PAMS season ONLY	Kipp & Zonen SUV5-V & SMP6-V	POP EXP	NBH
<b>Precipitation Gage</b>	Continuous, PAMS season ONLY	RM Young 52202	POP EXP	NBH
<b>Atmospheric Pressure Gauge</b>	Continuous, PAMS season ONLY	RM Young 61302L	POP EXP	NBH
<b>Mixing Height</b>	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<sub>10</sub> 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.

**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<sub>2</sub> MONITORING NETWORK

Florida's air monitoring network complies with current SO<sub>2</sub> monitoring requirements. Ambient monitoring is required for Core Based Statistical Areas (CBSAs) whose Population Weighted Emission Index (PWEI) is above 5,000. One SO<sub>2</sub> 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 million persons-tons per year. Additionally, one SO<sub>2</sub> 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<sub>2</sub> Monitoring Requirements**

Core Based Statistical Areas (CBSA)	Counties	2019 Census Population	Total CBSA Emissions	PWEI 2017 NEI	SO <sub>2</sub> Monitors Needed	SO <sub>2</sub> Monitors Operating
Miami-Fort Lauderdale <sup>1</sup> -West Palm Beach	Broward, Miami-Dade, Palm Beach	6,166,488	5,378.63	33,167.24	1	2
Tampa <sup>1</sup> -St. Petersburg-Clearwater	Hernando, Hillsborough, Pasco, Pinellas	3,194,831	8,940.77	28,564.24	1	6
Orlando-Kissimmee-Sanford	Lake, Orange, Osceola, Seminole	2,608,147	4,826.09	12,587.14	1	1
Jacksonville	Baker, Clay, Duval, Nassau, St. Johns	1,559,514	9,832.24	15,333.52	1	2
North Port-Sarasota-Bradenton	Manatee, Sarasota	836,995	816.43	683.35	N/A	1
Lakeland-Winter Haven	Polk	724,777	15,598.24	11,305.24	1	1
Pensacola-Ferry Pass-Brent	Escambia, Santa Rosa	502,629	2,476.04	1,244.53	N/A	1
Palatka	Putnam	74,521	5,895.17	439.31	N/A	1
Tallahassee <sup>1</sup>	Gadsden, Jefferson, Leon, Wakulla	387,227	1,123.27	434.96	N/A	1
Homosassa Springs	Citrus	149,657	12,824.17	1,919.23	N/A	1
N/A	Hamilton	14,326	N/A	N/A	N/A	1
<b>Total</b>					<b>5</b>	<b>18</b>

<sup>1</sup> CBSA operates a NCore site

**Table 4.8 Florida’s SO<sub>2</sub> Network**

<b>CBSA</b>	<b>AQS #</b>	<b>Site Name</b>	<b>Pollutant</b>	<b>Monitoring Purpose</b>
Miami-Fort Lauderdale- West Palm Beach	12-011-0034	Daniela Banu (NCore Site)	SO <sub>2</sub>	Population
	12-086-0019	Pennsuco	SO <sub>2</sub>	Population
Tampa-St. Petersburg- Clearwater	12-057-0112	Apollo Beach	SO <sub>2</sub>	Source
	12-057-0109	East Bay	SO <sub>2</sub>	Source
	12-057-1035	Davis Island (Coast Guard Station)	SO <sub>2</sub>	Population
	12-057-3002	Sydney (NCore Site)	SO <sub>2</sub>	Population
	12-103-0023	Derby Lane	SO <sub>2</sub>	Population
	12-103-5003	Oakwood	SO <sub>2</sub>	Source
Orlando-Kissimmee- Sanford	12-095-2002	Lake Isle Estates - Winter Park	SO <sub>2</sub>	Regulatory
Jacksonville	12-089-0005	Fernandina Beach Wastewater Treatment Plant	SO <sub>2</sub>	Regulatory
	12-031-0032	Kooker Park	SO <sub>2</sub>	Data Trends
North Port-Sarasota- Bradenton	12-081-0028	Port Manatee DEP	SO <sub>2</sub>	Source
Lakeland-Winter Haven	12-105-6005	Sikes Elementary School	SO <sub>2</sub>	Regulatory
Pensacola-Ferry Pass- Brent	12-033-0004	Ellyson Industrial Park	SO <sub>2</sub>	Population
Palatka	12-107-1008	Palatka Barge Port	SO <sub>2</sub>	Source
Tallahassee	12-129-0001	St. Marks Wildlife Refuge (NCore Site)	SO <sub>2</sub>	Background
Homosassa Springs	12-017-0006	Crystal River Preserve	SO <sub>2</sub>	Source
N/A	12-047-0017	White Springs Plant	SO <sub>2</sub>	Source

## 4.7 NO<sub>2</sub> MONITORING NETWORK

There are two phases for the implementation of NO<sub>2</sub> near-road monitoring:

- Phase I: CBSAs with a population over 1 million are required to have at least one NO<sub>2</sub> near-road monitor
- Phase II: CBSAs with a population over 2.5 million or more are required to operate two NO<sub>2</sub> near-road monitors.

Phase I and II NO<sub>2</sub> near-road monitoring also require community-wide monitoring for areas with a population over 1 million and NO<sub>2</sub> monitoring of vulnerable and susceptible populations.

In Florida, the NO<sub>2</sub> near-road monitoring areas are Tampa, Fort Lauderdale, Jacksonville, and Orlando. All Phase I NO<sub>2</sub> near-road sites within these areas have been established. However, the Phase I near-road NO<sub>2</sub> 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 I-4 construction which resulted in environmental conditions not representative of the ambient air. The I-4 construction was completed in February 2022, and currently Orange County is working with the Florida Department of Transportation (FDOT) to set up the new site near the originally approved location. The expected operational start date for the I-4 Near Road site is December 31, 2023.

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<sub>2</sub> 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 expected to be fully operational by March 2024.

All other Phase II NO<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> Monitoring Required by 2010 NAAQS**

CBSAs with Population over 1,000,000	2020 Census Population	AADT ≥250,000	Required Near-road Monitors	Required Community-wide Monitor	Vulnerable and Susceptible	Total
Miami-Fort Lauderdale-West Palm Beach	6,138,333	✓	2 <sup>1</sup>	1	1	4
Tampa-St. Petersburg-Clearwater	3,175,275	N/A	2 <sup>1</sup>	1	N/A	3
Orlando-Kissimmee	2,673,376	N/A	2 <sup>1</sup>	1	N/A	3
Jacksonville	1,605,848	N/A	1	1	N/A	2
<b>Total</b>						<b>12</b>

<sup>1</sup> Population greater than 2.5 million requires two near-road sites.

*Community-wide NO<sub>2</sub> Monitoring*

Community-wide NO<sub>2</sub> 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<sub>2</sub> monitors that have been designated as community-wide monitors are listed in Table 4.10 below.

*Vulnerable and Susceptible Monitoring*

The 2010 NO<sub>2</sub> NAAQS revision included monitoring requirements for vulnerable and susceptible populations. Vulnerable populations are those exposed to higher concentrations of NO<sub>2</sub>, 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<sub>2</sub> 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 rate of asthma hospitalizations has been used as an indicator of vulnerable and susceptible communities in Florida. Miami-Dade County’s NO<sub>2</sub> 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<sub>2</sub>. Figure 4.1 provides the most recent year of Florida’s rate of asthma hospitalization by county for which data are available. A link to the full list of the NO<sub>2</sub> monitors identified by the Regional Administrators can be found on EPA’s website at <https://www.epa.gov/amtic/no2-monitoring-near-road-monitoring>.



**Table 4.10 Florida’s NO<sub>2</sub> Near-road Network and Monitor Designations**

<b>CBSAs with Population over 500,000</b>	<b>AQS #</b>	<b>Site Name</b>	<b>Designation</b>
Miami-Fort Lauderdale-Pompano Beach	12-011-0035	Fort Lauderdale Near-road	NO <sub>2</sub> Near-road
	12-011-8002	Dr. Von Mizell-Eula Johnson State Park	NO <sub>2</sub> Community-wide Monitor
	12-086-0027	Rosenstiel (University of Miami)	NO <sub>2</sub> Vulnerable and Susceptible monitor
	12-086-0035	Perimeter Road Near-road	NO <sub>2</sub> Near-road
	12-086-0019	Pennsuco	NO <sub>2</sub> Network
Tampa-St. Petersburg-Clearwater	12-057-0113	Munro Street Near-road	NO <sub>2</sub> Near-road
	12-103-0018	Azalea Park	NO <sub>2</sub> Community-wide Monitor
	12-103-0027	Sawgrass Lake Park Near-road	NO <sub>2</sub> Near-road
Orlando-Kissimmee	12-095-0009	I-4 Near-road <sup>1</sup>	NO <sub>2</sub> Near-road
	12-095-0011	Presidents Drive	NO <sub>2</sub> Near-road
	12-095-2002	Lake Isle Estates – Winter Park	NO <sub>2</sub> Community-wide Monitor
Jacksonville	12-031-0032	Kooker Park	NO <sub>2</sub> Community-wide Monitor
	12-031-0108	Pepsi Place Near-road	NO <sub>2</sub> Near-road

<sup>1</sup> Orlando-Kissimmee I-4 near-road site was approved for temporary discontinuation due to highway construction.

## 4.8 CO MONITORING NETWORK

Florida's carbon monoxide (CO) network covers large urban areas to smaller rural areas, totaling 10 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 2020 to 2022.

**Table 4.11 Florida's CO Network**

AQS #	Site Name	Pollutant	Exceedances for 2020-2022	Comments
12-011-0034	Daniela Banu (NCore Site)	CO	0	
12-011-0035	Fort Lauderdale Near Road	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-031-0108	Pepsi Place	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-057-0113	Munro Street	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-057-3002	Sydney (NCore Site)	CO	0	
12-086-0035	Perimeter Road	CO	0	
12-095-0011	Presidents Drive	CO	NA	SU Expected March 2024
12-095-2002	Lake Isle Estates - Winter Park	CO	0	
12-103-0027	Sawgrass Lake Park	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	CO	0	

## 4.9 PM<sub>10</sub> MONITORING NETWORK

### *The Federal Equivalent Method Network*

Florida's PQAQO currently operates 22 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<sub>10</sub> particles are transported to and within the state, to identify the parts of the state with the highest concentrations, and to determine where PM<sub>10</sub> 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), which was reevaluated in Florida's 2021 5-year Network Assessment. All of Florida's PM<sub>10</sub> monitoring sites meet the NAAQS for calendar years 2020 to 2022, as detailed in Table 4.12.

**Table 4.12 Florida's PM<sub>10</sub> Network**

AQS #	Site Name	County	Method: FRM/FEM	Operating Schedule	Exceedances for 2020- 2022	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	Opened 02/2021
12-057-0083	Gardinier Park	Hillsborough	FEM	Continuous	0	
12-057-1035	Davis Island (Coast Guard Station)	Hillsborough	FEM	Continuous	0	
12-071-0005	Winkler Pump Station	Collier	FEM	Continuous	0	
12-085-0007	Stuart	Martin	FEM	Continuous	0	Opened 12/2022
12-086-1016	Miami Fire Station	Miami-Dade	FEM	Continuous	0	
12-091-0002	Fort Walton Beach	Okaloosa	FEM	Continuous	0	Closed 6/2022
12-091-0003	Fort Walton Beach Stillwell Park	Okaloosa	FEM	Continuous	0	Opened 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	

<b>AQS #</b>	<b>Site Name</b>	<b>County</b>	<b>Method: FRM/FEM</b>	<b>Operating Schedule</b>	<b>Exceedances for 2020- 2022</b>	<b>Comments</b>
12-105-6006	Baptist Children's Home	Polk	FEM	Continuous	0	
12-107-1008	Palatka Barge Port	Putnam	FEM	Continuous	0	
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 PQAQO currently operates 3 lead (Pb) source monitors. 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 2020 to 2022 design values are detailed in Table 4.13 below.

**Table 4.13 Florida's Lead Source Monitoring Network**

<b>AQS #</b>	<b>Site Name</b>	<b>2020-2022 Design Values</b>
12-057-0100	Kenly	0.01
12-057-1066	Gulf Coast Lead	0.12
12-057-1073	Patent Scaffolding	0.05

## 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)*

Florida DEP requested a waiver from the probe height siting requirements in the 2021 network plan, per the criteria stated in section 10.1.2, for the NO<sub>2</sub> and O<sub>3</sub> sampler in Miami-Dade County at the Rosenstiel site, AQS # 12-086-0027. The EPA approved the waiver on October 27, 2021 and requires that the waiver request be renewed with the Network Plan submitted with the next five-year Network Assessment, due by July 1, 2025.

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

Florida DEP requested to continue the siting waiver at the Woodlawn site (AQS # 12-103-0012) for the PM<sub>10</sub> sampler in Pinellas County in the 2021 network plan. The EPA approved the renewal of the waiver on October 27, 2021 and requires that the waiver request be renewed with the Network Plan submitted with the next five-year Network Assessment, due by July 1, 2025. 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<sub>10</sub> concentrations.



## 6. Glossary of Air Monitoring Terms

Acronym	Definition
<b>AADT</b>	Annual Average Daily Traffic
<b>AAMNAG</b>	Ambient Air Monitoring Network Assessment Guidance
<b>AQI</b>	Air Quality Index – EPA’s standardized method of reporting air quality information and forecast to the public.
<b>AQS</b>	Air Quality System – EPA’s repository of ambient air quality data.
<b>BAM</b>	Beta Attenuation Mass Monitor – a type of continuous PM <sub>2.5</sub> monitor.
<b>CBSA</b>	Core Based Statistical Area – a collective term for both metropolitan (metro) and micropolitan (micro) statistical areas.
<b>CFR</b>	Code of Federal Regulations
<b>CO</b>	Carbon monoxide – an odorless, colorless gaseous; one of the "Six Common Air Pollutants," also known as "Criteria Pollutants," regulated by EPA.
<b>FE-AADT</b>	Fleet Equivalent Annual Average Daily Traffic – a value calculated according to the NO <sub>2</sub> near-road technical assistance document, which weighs heavy-duty traffic 10 times more than other vehicles.
<b>FEM</b>	Federal Equivalence Method – method approved for comparison to NAAQS.
<b>FRM</b>	Federal Reference Method – method approved for comparison to NAAQS.
<b>IMPROVE</b>	Interagency Monitoring of Protected Visual Environments
<b>MSA</b>	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.
<b>NAAQS</b>	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.
<b>NATTS</b>	National Air Toxics Trends Stations
<b>NCore</b>	National Core multi-pollutant monitoring stations – a collection of monitors that integrates several advanced measurement systems for particles, pollutant gases and meteorology.
<b>NEI</b>	National Emissions Inventory
<b>NO</b>	Nitrogen oxide
<b>NO<sub>2</sub></b>	Nitrogen dioxide – a by-product of incomplete combustion that is intimately involved in photochemistry and ozone formation, as well as acid rain formation.
<b>NO<sub>x</sub></b>	A measure of total oxides of nitrogen, consisting primarily of nitrogen dioxide (NO <sub>2</sub> ) and nitric oxide (NO).
<b>NO<sub>y</sub></b>	Total reactive nitrogen – a collective name for oxidized forms of nitrogen in the atmosphere, such as nitric oxide (NO), nitrogen dioxide (NO <sub>2</sub> ), nitric acid (HNO <sub>3</sub> ) and organic nitrates.
<b>O<sub>3</sub></b>	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.
<b>PAMS</b>	Photochemical Assessment Monitoring Station
<b>PM</b>	Particulate Matter – also known as particle pollution.
<b>PM<sub>2.5</sub></b>	Particulate Matter 2.5 micrometers in diameter and smaller.
<b>PM<sub>10</sub></b>	Particulate Matter 10 micrometers in diameter and smaller.
<b>PM<sub>10-2.5</sub></b>	Particle size between 10 and 2.5.
<b>PQAO</b>	Primary Quality Assurance Organization
<b>PWEI</b>	Population Weighed Emissions Index
<b>PSD</b>	Prevention of Significant Deterioration
<b>SIP</b>	State Implementation Plan

<b>Acronym</b>	<b>Definition</b>
<b>SLAMS</b>	State and Local Air Monitor Stations
<b>SO<sub>2</sub></b>	Sulfur dioxide
<b>SPM</b>	Special Purpose Monitors
<b>STN</b>	Speciation Trends Network
<b>SU/SD</b>	Set-up/ Shutdown

## **7. Appendices**

### **Appendix A: Additional Network Information**

This appendix provides additional information to facilitate a full evaluation of any 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 2022-2023.

### **Appendix C: Ambient Air Monitoring Network Description**

Florida's air monitoring network, including changes expected through June 30, 2024, is described in Appendix C. It is organized by Metropolitan Statistical Area from largest to smallest.

### **Appendix D: Ambient Air Monitoring Inventory**

EPA requires an evaluation of the agency's ambient monitors and auxiliary support equipment. The condition of inventory should be categorized as "Good," "Fair" or "Poor," and indicate equipment not in everyday use (e.g., spare or back-up). The ambient monitoring equipment inventories for Florida's monitoring agencies are provided in Appendix D.

## APPENDIX A: ADDITIONAL NETWORK INFORMATION

This appendix provides additional information to facilitate a full evaluation of the Fort Walton Beach (FWB) Stillwell Park site within Florida's air monitoring network.

### A.1 Site Relocation

#### ➤ Fort Walton Beach (FWB) Stillwell Park Site (AQS # 12-091-0003)

The Fort Walton Beach (FWB) site in Okaloosa County (AQS # 12-091-0002) was relocated per the request of the property owner (Okaloosa County School District) due to the pending sell of the property. The site was relocated to another area in the Crestview-Fort Walton Beach-Destin CBSA and will remain representative of the same air mass. The new site, FWB Stillwell Park, is located approximately 3.63 miles northeast of the original site and given a new AQS Site identification number (AQS # 12-091-0003). Figures 7.1 - 7.4 provides photographs of the site prior to the removal of the sand piles, Figures 7.5 – 7.7 provides photographs of the site after removal of the sand piles to another area of the property, Figure 7.8 is an aerial view of the site, and a wind rose for the site is shown in Figure 7.9. Ground cover will be applied around the site to mitigate the impact from potential dust related events. The site is fully operational and reporting data.

*Photos and Wind Rose for the Okaloosa County: Fort Walton Beach Stillwell Park Site (AQS # 12-091-0003)*

**Figure 7.1 North from FWB Stillwell Park Site (AQS # 12-091-0003)**



Figure 7.2 South from FWB Stillwell Park Site (AQS # 12-091-0003)





**Figure 7.3 East from FWB Stillwell Park Site (AQS # 12-091-0003)**



**Figure 7.4 West from FWB Stillwell Park Site (AQS # 12-091-0003)**





**Figure 7.5 Sand pile removal East of FWB Stillwell Park Site (AQS # 12-091-0003)**





**Figure 7.6 Sand pile removal East of FWB Stillwell Park Site (AQS # 12-091-0003)**



**Figure 7.7 Sand pile removal South of FWB Stillwell Park Site (AQS # 12-091-0003)**





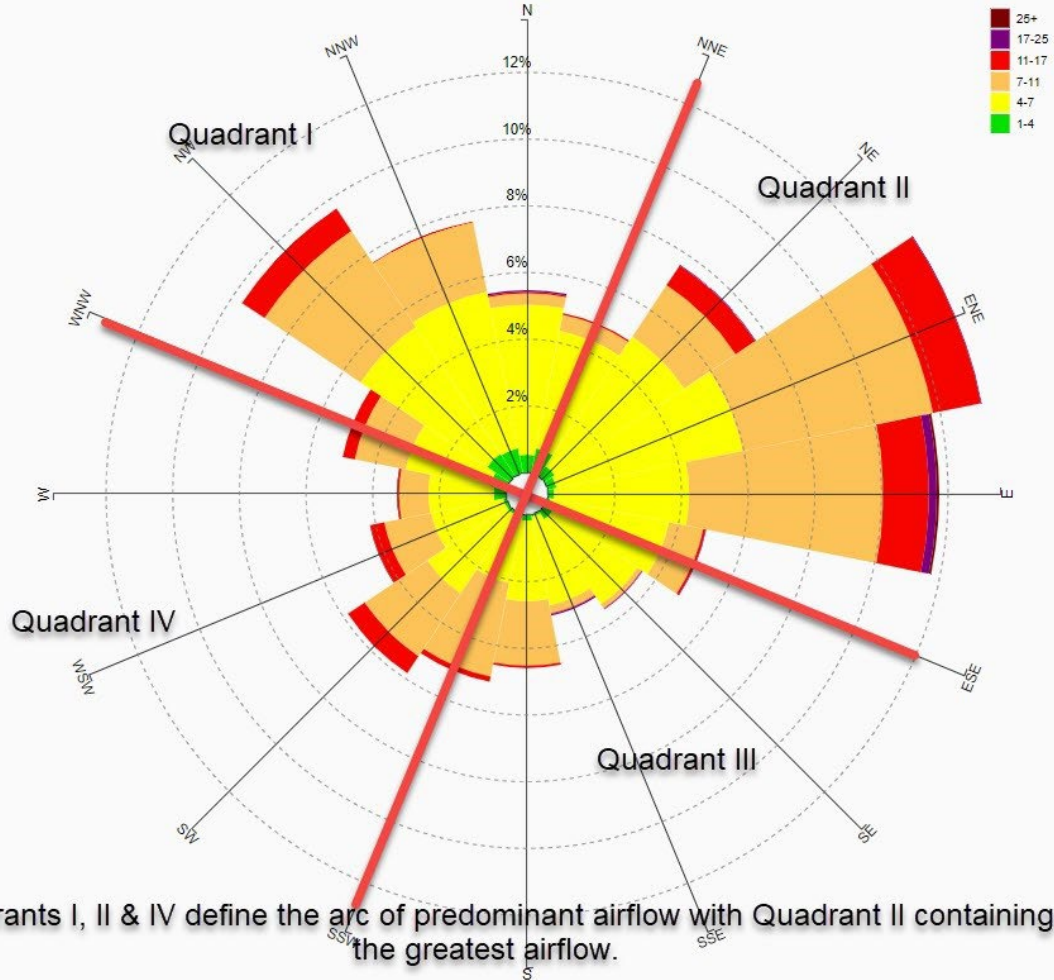
**Figure 7.8 Aerial of FWB Stillwell Park Site (AQS # 12-091-0003)**



**Figure 7.9 Wind Rose for FWB Stillwell Park Site (AQS # 12-091-0003)**

Report Created 03/28/2023 14:32:36

Date Range: 01/01/2022 to 12/31/2022  
WSV (mph) Versus WDV  
4090 of 8760 Possible Observations



## 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 2022-2023**

AQS #	Site Name	Agency	Parameters	Site Date <sup>1</sup>	Review	Issues Found	Comment
12-001-3012	PAYNES PRAIRIE FARM	Nature Coast (44)	Oz, Cont. PM <sub>2.5</sub> (2)	1/18/2023		NO	
12-003-0002	OLUSTEE	First Coast (48)	Oz	7/26/2022		NO	
12-005-0006	ST. ANDREWS STATE PARK	Emerald Coast (42)	Oz, Cont. PM <sub>2.5</sub>	4/11/2023		NO	
12-009-0007	MELBOURNE	Space Coast (47)	Oz, FRM PM <sub>2.5</sub> , Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	1/23/2023		NO	
12-009-4001	COCOA BEACH	Space Coast (47)	Oz	4/19/2023		NO	
12-011-0033	VISTA VIEW	Broward County PPRAQD (17)	Oz, Cont. PM <sub>2.5</sub> , Toxics	10/18/2022		NO	
12-011-0034	DANIELA BANU NCORE	Broward County PPRAQD (17)	Oz, Cont. PM <sub>10</sub> (2), FRM PM <sub>2.5</sub> (2), Cont. PM <sub>2.5</sub> , TCO, TSO <sub>2</sub> , NO <sub>y</sub> , SASS, URG, Low Vol PM <sub>10</sub> , Summa	9/13/2022		NO	
12-011-0035	FORT LAUDERDALE NEAR ROAD	Broward County PPRAQD (17)	NO <sub>2</sub> , CO, Cont. PM <sub>2.5</sub> , Ultrafine, Toxics, Summa	6/5/2023		NO	
12-011-2003	POMPANO HIGHLANDS	Broward County PPRAQD (17)	Oz, FRM PM <sub>2.5</sub>	9/12/2022		NO	
12-011-5005	COCONUT CREEK PARK	Broward County PPRAQD (17)	FRM PM <sub>2.5</sub>	10/17/2022		NO	
12-011-8002	DR. VON MIZELL-EULA JOHNSON (FORMERLY JOHN U. LLOYD)	Broward County PPRAQD (17)	Oz, NO <sub>2</sub> , Toxics	2/13/2023		NO	
12-017-0006	CRYSTAL RIVER PRESERVE	Nature Coast (44)	SO <sub>2</sub>	6/14/2023		NO	
12-021-0004	LAUREL OAKS ELEMENTARY	Lee Island Coast (46)	Oz, Cont. PM <sub>2.5</sub>	1/10/2023		NO	
12-023-0002	LAKE CITY - VETERANS DOMICILE	First Coast (48)	Oz, Cont. PM <sub>2.5</sub>	1/3/2023		NO	

AQS #	Site Name	Agency	Parameters	Site Date <sup>1</sup>	Review	Issues Found	Comment
12-031-0032	KOOKER PARK	City of Jacksonville EQD (11)	SO <sub>2</sub> , NO <sub>2</sub> , FRM PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	1/17/2023		NO	
12-031-0077	SHEFFIELD	City of Jacksonville EQD (11)	Oz, Cont. PM <sub>2.5</sub> , Toxics	5/16/2023		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 <sub>2.5</sub> , Cont. PM <sub>2.5</sub>	5/16/2023		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 <sub>2.5</sub> (2)	11/1/2022		NO	
12-031-0100	MAYO CLINIC	City of Jacksonville EQD (11)	Oz, Cont. PM <sub>2.5</sub> , Toxics	8/8/2022		YES	There are two (2) pine trees that are too tall, one to the northeast and one to the southwest. The agency is working on resolving the issue.
12-031-0106	CISCO DRIVE	City of Jacksonville EQD (11)	Oz	1/18/2023		NO	
12-031-0108	PEPSI PLACE	City of Jacksonville EQD (11)	NO <sub>2</sub> , CO, Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	5/15/2023		NO	
12-033-0004	ELLYSON IND. PARK	Naval Aviation Coast (41)	Oz, SO <sub>2</sub> , Cont. PM <sub>2.5</sub> (2)	1/4/2023		NO	
12-033-0018	PENSACOLA NAS	Naval Aviation Coast (41)	Oz	7/26/2022		NO	
12-035-0004	FLAGLER	Space Coast (47)	Oz	7/11/2022		NO	
12-047-0017	WHITE SPRINGS PLANT	First Coast (48)	SO <sub>2</sub> , Cont. PM <sub>2.5</sub>	1/3/2023		NO	
12-055-0003	ARCHBOLD	Lee Island Coast (46)	Oz	1/9/2023		NO	
12-057-0081	SIMMONS PARK	Hillsborough County EPC (12)	Oz	10/12/2022		NO	

AQS #	Site Name	Agency	Parameters	Site Date <sup>1</sup>	Review	Issues Found	Comment
12-057-0083	GARDINIER	Hillsborough County EPC (12)	Cont. PM <sub>10</sub>	4/18/2023		NO	
12-057-0100	KENLY	Hillsborough County EPC (12)	Pb	4/18/2023		NO	
12-057-0109	EAST BAY	Hillsborough County EPC (12)	SO <sub>2</sub>	2/15/2023		NO	
12-057-0112	APOLLO BEACH	Hillsborough County EPC (12)	SO <sub>2</sub> , Cont. PM <sub>2.5</sub>	2/15/2023		NO	
12-057-0113	MUNRO STREET NEAR ROAD	Hillsborough County EPC (12)	TNO <sub>2</sub> , TCO, Cont. PM <sub>2.5</sub>	6/20/2023		NO	
12-057-1035	DAVIS ISLAND	Hillsborough County EPC (12)	Oz, SO <sub>2</sub> , Cont. PM <sub>10</sub>	8/9/2022		NO	
12-057-1065	GANDY	Hillsborough County EPC (12)	Oz, NO <sub>2</sub> , Cont. PM <sub>2.5</sub>	4/18/2023		NO	
12-057-1066	GULF COAST LEAD	Hillsborough County EPC (12)	Pb (2)	4/18/2023		NO	
12-057-1073	PATENT	Hillsborough County EPC (12)	Pb	8/11/2022		NO	
12-057-3002	SYDNEY NCORE	Hillsborough County EPC (12)	Oz, NOy, TSO <sub>2</sub> , TCO, Cont. PM <sub>2.5</sub> , FRM PM <sub>2.5</sub> (2), Cont. PM <sub>10</sub> (2), Low Vol PM <sub>10</sub> , PM <sub>10</sub> /Puff, SASS, URG, Toxics, Summa, ERG, Aromatic Hydrocarbon, PAMS NO <sub>2</sub>	3/15/2023		NO	
12-059-0004	BONIFAY TRI-COUNTY AIRPORT	Emerald Coast (42)	Oz, Cont. PM <sub>2.5</sub>	4/11/2023		NO	
12-069-0002	CLERMONT	Space Coast (47)	Oz	10/3/2022		NO	
12-071-0005	FT. MYERS WTP	Lee Island Coast (46)	FRM PM <sub>2.5</sub> , Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	7/20/2022		NO	
12-071-2002	CAPE CORAL	Lee Island Coast (46)	Oz	7/19/2022		NO	



AQS #	Site Name	Agency	Parameters	Site Date <sup>1</sup>	Review	Issues Found	Comment
12-073-0012	TALLAHASSEE CC	Forgotten Coast (43)	Oz, FRM PM <sub>2.5</sub> (2), Cont. PM <sub>2.5</sub> , SASS, URG, RADNET	5/10/2023		NO	
12-081-0028	PORT MANATEE (DEP SO <sub>2</sub> )	Sun Coast (45)	SO <sub>2</sub>	4/25/2023		NO	
12-081-3002	PORT MANATEE	Manatee County EMD (14)	Oz	8/15/2022		NO	
12-081-4012	GT BRAY PARK	Manatee County EMD (14)	Oz	8/16/2022		NO	
12-081-4013	39TH STREET	Manatee County EMD (14)	Oz	8/16/2022		NO	
12-083-0003	OCALA YMCA	Nature Coast (44)	Oz, Cont. PM <sub>2.5</sub>	6/13/2023		NO	
12-083-0004	MARION COUNTY SHERIFF	Nature Coast (44)	Oz	11/8/2022		NO	
12-085-0007	STUART	Space Coast (47)	Oz, Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	1/24/2023		NO	
12-086-0019	PENNSUCO	Miami-Dade County RER (18)	SO <sub>2</sub>	2/6/2023		NO	
12-086-0027	ROSENSTIEL	Miami-Dade County RER (18)	Oz, NO <sub>2</sub>	8/2/2022		YES	EPA approved waiver
12-086-0029	PERDUE	Miami-Dade County RER (18)	Oz, Toxics	5/22/2023		NO	
12-086-0033	PALM SPRINGS	Miami-Dade County RER (18)	FRM PM <sub>2.5</sub>	2/6/2023		NO	
12-086-0034	KENDALL	Miami-Dade County RER (18)	PM <sub>2.5</sub>	2/8/2023		NO	
12-086-0035	PERIMETER ROAD	Miami-Dade County RER (18)	NO <sub>2</sub>	5/23/2023		NO	
12-086-1016	MIAMI FIRE STATION	Miami-Dade County RER (18)	FRM PM <sub>2.5</sub> (1), Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	8/1/2022		NO	
12-086-6001	HOMESTEAD	Miami-Dade County RER (18)	FRM PM <sub>2.5</sub> , Cont. PM <sub>2.5</sub>	8/3/2022		NO	
12-086-6002	WITTKOP PARK	Miami-Dade County RER (18)	Cont. PM <sub>2.5</sub>	8/3/2022		NO	
12-089-0005	FERNANDINA BEACH	First Coast (48)	SO <sub>2</sub>	1/4/2023		NO	
12-091-0003	FWB STILLWELL PARK	Emerald Coast (42)	Oz, Cont. PM <sub>10</sub>	5/24/2023		NO	
12-095-0009	I-4 NEAR ROAD	Orange County EPD (20)	NO <sub>2</sub> , CO, Cont. PM <sub>2.5</sub>	4/4/2023		YES	The agency is working with



AQS #	Site Name	Agency	Parameters	Site Date <sup>1</sup>	Review	Issues Found	Comment
							the Florida Department of Transportation and contractors to locate the site in its permanent location.
12-095-0010	SKYVIEW	Orange County EPD (20)	Oz	8/24/2022		NO	
12-095-0011	PRESIDENTS DRIVE (PROPOSED NEAR ROAD)	Orange County EPD (20)	NO <sub>2</sub> , CO	4/4/2023		NO	
12-095-2002	WINTER PARK	Orange County EPD (20)	Oz, NO <sub>2</sub> , SO <sub>2</sub> , CO, Cont. PM <sub>10</sub> , Cont. PM <sub>2.5</sub>	1/31/2023		NO	
12-097-2002	KISSIMMEE FIRE	Space Coast (47)	Oz	10/4/2022		NO	
12-099-0008	BELLE GLADE	Palm Beach County EPH (16)	Cont. PM <sub>2.5</sub>	4/24/2023		NO	
12-099-0021	LANTANA SCRUB PRESERVE	Palm Beach County EPH (16)	Oz, NO <sub>2</sub>	4/25/2023		NO	
12-099-0022	LAMSTEIN LANE	Palm Beach County EPH (16)	Oz, Cont. PM <sub>2.5</sub>	4/25/2023		NO	
12-099-2005	DELRAY BEACH	Palm Beach County EPH (16)	Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	4/27/2023		NO	
12-101-0005	SAN ANTONIO	Sun Coast (45)	Oz	4/26/2023		NO	
12-101-2001	HOLIDAY	Sun Coast (45)	Oz	3/22/2023		NO	
12-103-0004	ST. PETERSBURG COLLEGE	Pinellas County AQD (13)	Oz, Cont. PM <sub>2.5</sub>	2/21/2023		NO	
12-103-0012	WOODLAWN (PINELLAS)	Pinellas County AQD (13)	Cont. PM <sub>10</sub>	12/8/2022		YES	EPA approved waiver
12-103-0018	AZALEA PARK	Pinellas County AQD (13)	Oz, NO <sub>2</sub> , Cont. PM <sub>10</sub> , Cont. PM <sub>2.5</sub> , VOC	8/30/2022		NO	
12-103-0023	DERBY LANE	Pinellas County AQD (13)	SO <sub>2</sub>	11/16/2022		NO	
12-103-0027	SAWGRASS LAKE	Pinellas County AQD (13)	NO <sub>2</sub> , CO, Aethalometer	6/6/2023		NO	
12-103-3004	COUNTY MOTORPOOL	Pinellas County AQD (13)	Cont. PM <sub>10</sub>	11/15/2022		NO	

AQS #	Site Name	Agency	Parameters	Site Review Date <sup>1</sup>	Issues Found	Comment
12-103-5002	EAST LAKE	Pinellas County AQD (13)	Oz, Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	11/15/2022	NO	
12-103-5003	OAKWOOD	Pinellas County AQD (13)	SO <sub>2</sub>	5/23/2023	NO	
12-105-6005	SIKES ELEMENTARY	Sun Coast (45)	Oz, SO <sub>2</sub>	9/20/2022	NO	
12-105-6006	BAPTIST CHILDREN'S HOME	Sun Coast (45)	Oz, Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	3/21/2023	NO	
12-107-1008	PALATKA BARGE PORT	Nature Coast (44)	SO <sub>2</sub> , Cont. PM <sub>10</sub>	8/16/2022	NO	
12-111-0013	SAVANNAS	Space Coast (47)	Oz	4/10/2023	NO	
12-113-0015	WOODLAWN BEACH MIDDLE	Naval Aviation Coast (41)	Oz, Cont. PM <sub>2.5</sub>	1/3/2023	NO	
12-115-0013	BEE RIDGE	Sarasota County AWQD (15)	Cont. PM <sub>2.5</sub>	6/12/2023	NO	
12-115-1005	LIDO PARK	Sarasota County AWQD (15)	Oz	12/6/2022	NO	
12-115-1006	PAW PARK	Sarasota County AWQD (15)	Oz, Cont. PM <sub>10</sub>	12/5/2022	NO	
12-115-2002	JACKSON ROAD	Sarasota County AWQD (15)	Oz, Cont. PM <sub>2.5</sub>	6/13/2023	NO	
12-117-1002	SEMINOLE CC	Space Coast (47)	Oz, Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	4/18/2023	NO	
12-127-5002	DAYTONA BEACH	Space Coast (47)	Oz, FRM PM <sub>2.5</sub> , Cont. PM <sub>2.5</sub> , Cont. PM <sub>10</sub>	7/12/2022	NO	
12-129-0001	ST. MARKS WILDLIFE REFUGE NCORE	Forgotten Coast (43)	Oz, NO <sub>y</sub> , TSO <sub>2</sub> , TCO, Cont. PM <sub>2.5</sub>	1/24/2023	NO	

<sup>1</sup>Includes site reviews conducted as of June 22, 2023.

## **APPENDIX C: AMBIENT AIR MONITORING NETWORK DESCRIPTION**

Florida's air monitoring network, including changes expected through June 30, 2024, 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	Thermo 49i	POP EXP	NBH	TRENDS MONITORING		SU 7/1/2008
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	TRENDS MONITORING		SU 08/1/2021
12-011-0034	Daniela Banu (NCore Site)	5300 S. Pine Island Rd., Davie, FL 33328; 26.0538889, -80.2569444	SLAMS	CO	1	Continuous	Thermo 48C-TLE	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level;
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i-TLE	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne 640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/2019; FEM
			SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2015
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 09/1/2019; FEM
			SLAMS	PMCoarse	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2019
			SLAMS	NO <sub>y</sub>	1	Continuous	Thermo 42i-Y	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			CSN	SPEC. PM <sub>2.5</sub>	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;			
12-011-0035	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	URBAN	NEEDED BY REGULATION		SU 8/1/2015; Trace level
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200UP	POP EXP	URBAN	NEEDED BY REGULATION		SU 8/1/2015; Near-road Site
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	URBAN	NEEDED BY REGULATION		SU 8/1/2015; FEM
			SLAMS	BC	1	Continuous	Teledyne API 633	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/20/2017
			SLAMS	WD/WS	1	Continuous	RM Young 8100	POP EXP	URBAN	NEEDED BY REGULATION		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	Thermo 49i	POP EXP	NBH	RELIED ON FOR SPATIAL COVERAGE		SU 1/1/1989
			SLAMS	PM <sub>2.5</sub>	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 <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2021
			SLAMS	PM <sub>2.5</sub>	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 <sub>2</sub>	1	Continuous	Thermo 42i	POP EXP	NBH	COMM-WIDE MONITORING	SHUTDOWN	SU 7/8/1990, SD 1/9/2023
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T500U	POP EXP	NBH	COMM-WIDE MONITORING	ADD	SU 1/9/2023
			SLAMS	Ozone	1	Continuous	Thermo 49i	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 <sub>2</sub>	1	Continuous	Teledyne T200	HI CONC	NBH	NEEDED BY REGULATION		SU 10/7/2021
			SLAMS	SO <sub>2</sub>	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; 25.732500, -80.161944	SLAMS	NO <sub>2</sub>	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 <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	MONITORING GROWTH IMPACT		SU 5/4/2005
12-086-0034	Kendall	9015 SW 127th Ave, Miami, FL 33186; 25.683330, -80.399722	SPM	PM <sub>2.5</sub>	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 T300	SOURCE	NBH	TRENDS MONITORING		SU 9/24/2021
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200	SOURCE	MICRO	NEEDED BY REGULATION		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 <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	HI CONC	NBH	QA COLLOCATION		SU 2/4/1999; Collocated monitor
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
		EJ Community	SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200	HI CONC	NBH	ASSIST IN FORCASTING	ADD	SU EXPECTED 12/31/2023
		EJ Community	SLAMS	PM <sub>2.5</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 12/31/2023, FEM
				PM <sub>10</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 12/31/2023, FEM
12-086-6001	Homestead Fire Station	325 NW 2nd St, Homestead, FL 33030; 25.471944, -80.482780	SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	SHUTDOWN	SU 1/27/1999; SD EXPECTED 03/31/2023
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1400AB	POP EXP	NBH	USED FOR AQI	SHUTDOWN	SU 2/10/2004; SD EXPECTED 03/31/2023
12-086-6002	Wittkop Park	505 NW 9th St., Homestead, FL 33030; 25.478306, -80.483782	SLAMS	PM <sub>2.5</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 05/31/2023; FEM
			SLAMS	PM <sub>10</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 05/31/2023; 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 <sub>2.5</sub>	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	Replaced 5014i with Teledyne T640 10-26-22	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 <sub>2.5</sub>	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 <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/29/2021; FEM
			SLAMS	PM <sub>10</sub>	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 <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	MICRO	NEEDED BY REGULATION		SU 1/1/2016
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	SOURCE	MICRO	NEEDED BY REGULATION		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 48iQ TLE	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016; Trace Level
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200UP	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016; Near-road Site
			SLAMS	PM <sub>2.5</sub>	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 <sub>10</sub>	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	Hi-Vol	SOURCE	MIDDLE	SOURCE MONITORING		SU 4/1/2010
12-057-0109	East Bay	9849 Highway 41 S., Gibsonton, FL 33534; 27.854176, -82.383728	SLAMS	SO <sub>2</sub>	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 <sub>2</sub>	1	Continuous	Thermo 43iQ	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS	Update Sampler type from 43i to 43iQ	SU 1/1/1974
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 1/1/1973
			SLAMS	PM <sub>10</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION/USED FOR AQI		SU 12/1/1985
12-057-1065	USMC Reserve Center	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 <sub>2.5</sub>	3	Continuous	Thermo 1405	HI CONC	NBH	USED FOR AQI		SU 1/1/2004
12-057-1066	Gulf Coast Lead	1700 N. 66th St., Tampa, FL 33629; 27.960148, -82.381873	SLAMS	Pb	1	Every 6th Day	ANDERSEN 2000	SOURCE	MIDDLE	SOURCE MONITORING		SU 1/1/2009
			SLAMS	Pb	2	Every 12th Day	ANDERSEN 2000	SOURCE	MIDDLE	SOURCE MONITORING		SU 1/1/2009
12-057-1073	Patent Scaffolding	6811 E. 14th Avenue, Tampa, FL 33619; 27.96483, -82.37921	SPM	Pb	1	Every 6th Day	Tisch Hi-Vol	SOURCE	MIDDLE	SOURCE MONITORING		SU 1/1/2009
12-057-3002	Sydney (NCore Site)	1167 N. Dover Rd., Dover, FL 33527; 27.965650, -82.230400	SLAMS	CO	2	Continuous	Thermo 48iQ-TLE	POP EXP	URBAN	NEEDED BY REGULATION	Update Sampler type from 48i-TLE to 48iQ-TLE	SU 10/1/2005; Trace level
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i-TLE	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004; Trace Level
			SLAMS	NO <sub>y</sub>	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 <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	POP EXP	URBAN	QA COLLOCATION		SU 1/26/2010; Collocated monitor
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Thermo 5014i	POP EXP	URBAN	USED FOR AQI		SU 2/14/2014; FEM
			SLAMS	PMCoarse	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			STN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 1/1/2007
			STN	SPEC. PM <sub>2.5</sub>		Every 3rd Day	MET One SASS	POP EXP	URBAN	TRENDS MONITORING		SU 1/1/2004
			NATTS	Toxics		Every 6th Day		POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
				Meteorology		Continuous		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 <sub>2.5</sub>	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 <sub>10</sub>	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 <sub>2</sub>	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 <sub>10</sub>	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			NON-REG	Toxics		Every 6th Day		POP EXP	NBH	BASELINE MONITORING		SU 1/1/2001
12-103-0023	Derby Lane	10100 San Martin Rd., St. Petersburg, FL 33702; 27.863635, -82.623153	SLAMS	SO <sub>2</sub>	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		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 <sub>2</sub>	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
12-103-3004	County Motorpool	1301 Ulmerton Rd., Largo, FL 33771; 27.895856, -82.774546	SLAMS	PM <sub>10</sub>	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
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/5/2007
12-103-5003	Oakwood	40671 US 19 N., Tarpon Springs, FL 34689; 28.141667, -82.739722	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	TRENDS MONITORING		SU 9/18/1998
<b>METROPOLITAN STATISTICAL AREA: JACKSONVILLE (BAKER, CLAY, DUVAL, NASSAU AND ST. JOHNS COUNTIES)</b>												
<b>Baker County</b>												
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 - Olostee Ranger Station	Hwy 90, Olostee, 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	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 02/2020
<b>Duval County</b>												
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 <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	TRENDS MONITORING		SU 1/1/1974
			SLAMS	NO <sub>2</sub>	2	Continuous	Thermo 42i	HI CONC	NBH	COMM-WIDE MONITORING		SU 1/6/1975
			SLAMS	PM <sub>10</sub>	1	Continuous	Thermo 1405	HI CONC	NBH	NEEDED BY REGULATION	<b>SHUTDOWN</b>	SU 2/1/2008; SD Expected 06/2023
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	COMM RESPONSE	<b>SHUTDOWN</b>	SU 7/1/2018; SD Expected 06/2023
			SLAMS	PM <sub>10</sub>	3	Continuous	T640X	HI COMC	NBH	NEEDED BY REGULATION	<b>ADD</b>	SU Expected 07/2023
			SLAMS	PM <sub>2.5</sub>	3	Continuous	T640X	POP EXP	NBH	COMM RESPONSE	<b>ADD</b>	SU Expected 07/2023
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
			SPM	PM <sub>2.5</sub>	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 -	SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 9/01/2019; FEM

		81.634094	SLAMS	PM <sub>10</sub>	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 <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	SHUTDOWN	SU 6/1/1999; SD 01/2023
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION	SHUTDOWN	SU 6/1/1999; Collocated monitor; SD 01/2023
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU 01/2023
12-031-0100	Mayo Clinic	13600 William Davis Pkwy, Jacksonville, FL 32224; 30.260420, -81.453341	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 9/1/2002; Teledyne T400U expected SU 09/2023. New shelter install expected 09/2023
			SPM	PM <sub>2.5</sub>	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
12-031-0108	Pepsi Place	5895 Pepsi Place, Jacksonville, FL 32319; 30.262730, -81.606826	SLAMS	CO	1	Continuous	Thermo 48i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014
			SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014; Near-road Site, Teledyne T500U SU expected 06/2023
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	HI CONC	MIDDLE	NEEDED BY REGULATION		SU 8/01/2019; FEM
<b>Nassau County</b>												
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 <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976
<b>METROPOLITAN STATISTICAL AREA: ORLANDO - KISSIMMEE (LAKE, ORANGE, OSCEOLA AND SEMINOLE COUNTIES)</b>												
<b>Lake County</b>												
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
<b>Orange County</b>												
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	Thermo 48iQ	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 7/1/2016; Near-road Site; Temporarily Closed. SU EXPECTED 12/2023
			SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 7/1/2016; Near-road Site; Temporarily Closed. SU EXPECTED 12/2023
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	SOURCE	MIDDLE	NEEDED BY REGULATION	Replaced Thermo 5014i with Teledyne T640	SU 7/1/2016; Near-road Site; Temporarily Closed. SU EXPECTED 12/2023
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 <sub>2</sub>	1	Continuous	Thermo 42iQ	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 03/2024
			SLAMS	CO	1	Continuous	Thermo 48iQ	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 03/2024
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Thermo 5014i	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 03/2024
12-095-2002	Winter Park	466 Harper St., Winter Park, FL 32789; 28.595026, -81.3638414	SPM	CO	1	Continuous	Thermo 48i	POP EXP	NBH	TRENDS MONITORING		SU 3/23/1978; Relocated on existing property 12/2021
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976; Relocated on existing property 12/2021
			SLAMS	NO <sub>2</sub>	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 <sub>10</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	Replaced Thermo 5014i with Teledyne T640X	SU 1/24/2015; Relocated on existing property 12/2021
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	Replaced Thermo 5014i with Teledyne T640X	SU 10/1/2016; FEM; Relocated on existing property 12/2021
<b>Osceola County</b>												
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 - Four Corners	8706 W Irlo Bronson Memorial Hwy (SR 192), Kissimmee, FL 34747; 28.347509, -81.636464	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	URBAN SPRAWL		SU 9/1/1993
<b>Seminole County</b>												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-117-1002	Sanford	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 <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 12/22/2000
			SLAMS	PM <sub>2.5</sub>	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 <sub>2.5</sub>	4	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
<b>METROPOLITAN STATISTICAL AREA: SARASOTA - BRADENTON - VENICE (MANATEE AND SARASOTA COUNTIES)</b>												
<b>Manatee County</b>												
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	SLAMS	Ozone	1	Continuous	2B Tech 211	HI CONC	NBH	NEEDED BY REGULATION	Replaced 2B Tech 202 with 2B Tech 211	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	Replaced 2B Tech 202 with 2B Tech 211	SU 1/1999; SD 3/31/2008; SU 1/20/2010, Temporary Shutdown pending shelter replacement
12-081-0028	Port Manatee DEP	1801 Piney Point Rd., Palmetto, FL 34221; 27.637890, -82.547480	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 11/5/2013
<b>Sarasota County</b>												
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 <sub>2.5</sub>	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	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		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 <sub>10</sub>	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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	TRENDS MONITORING		SU 4/1/2009
<b>METROPOLITAN STATISTICAL AREA: CAPE CORAL - FORT MYERS (LEE COUNTY)</b>												
<b>Lee County</b>												
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 <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 01/01/2018, Temporary shut-down due to shelter damage
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 02/22/2001, Temporary shut-down due to shelter damage
			SLAMS	PM <sub>2.5</sub>	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION		Collocated SU 07/2021 , Temporary shut-down due to shelter damage
			SLAMS	PM <sub>10</sub>	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION		Collocated SU 07/2021 , Temporary shut-down due to shelter damage

			SLAMS	Ozone	2	Continuous	49i	POP EXP	NBH	NEEDED BY REGULATION		SU 05/2021 , Temporary shut-down due to shelter damage
12-071-2002	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
<b>METROPOLITAN STATISTICAL AREA: LAKELAND (POLK COUNTY)</b>												
<b>Polk County</b>												
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 <sub>2</sub>	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		SU 6/17/1992
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 10/23/2007
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
<b>METROPOLITAN STATISTICAL AREA: DELTONA - DAYTONA BEACH - ORMOND BEACH (FLAGLER AND VOLUSIA COUNTIES)</b>												
<b>Flagler County</b>												
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
<b>Volusia County</b>												
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 <sub>10</sub>	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/26/1998
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2018
<b>METROPOLITAN STATISTICAL AREA: PALM BAY - MELBOURNE - TITUSVILLE (BREVARD COUNTY)</b>												
<b>Brevard County</b>												
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 <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
			SLAMS	PM <sub>2.5</sub>	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
<b>METROPOLITAN STATISTICAL AREA: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)</b>												
<b>Escambia County</b>												
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 <sub>2</sub>	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 <sub>2.5</sub>	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 2/3/2021
			SLAMS	PM <sub>10</sub>	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	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 10/21/1980
<b>Santa Rosa County</b>												

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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	USE FOR AQI		SU 2/19/2008
<b>METROPOLITAN STATISTICAL AREA: PORT ST. LUCIE - FT PIERCE (MARTIN AND ST LUCIE COUNTIES)</b>												
<b>Martin County</b>												
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 <sub>2.5</sub>	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION	ADD	SU 12/15/2022
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION	ADD	SU 12/15/2022
<b>St. Lucie County</b>												
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
<b>METROPOLITAN AREA: TALLAHASSEE (LEON, JEFFERSON AND WAKULLA COUNTIES)</b>												
<b>Leon County</b>												
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 <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1999
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION		SU 10/1/2004; Collocated monitor
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 7/14/2003
			STN	EC/OC		Every 6th Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 10/4/2009
			STN	SPEC. PM <sub>2.5</sub>		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
<b>Wakulla County</b>												
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 <sub>2</sub>	3	Continuous	Teledyne T100U	BKGD	URBAN	RURAL NCore		SU 1/1/2015; Trace Level
			SLAMS	NO <sub>y</sub>	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 <sub>2.5</sub>	3	Continuous	Thermo 1405	BKGD	URBAN	RURAL NCore		SU 1/1/2015
				Meteorology		Continuous		BKGD	URBAN	SUPPORT NCore NETWORK		SU 4/13/2001
<b>METROPOLITAN STATISTICAL AREA: NAPLES - MARCO ISLAND (COLLIER COUNTY)</b>												
<b>Collier County</b>												
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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 3/2/2005
<b>METROPOLITAN STATISTICAL AREA: OCALA (MARION COUNTY)</b>												
<b>Marion County</b>												
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; 29.170533, -82.100646	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC/ UPWIND BKGD	NBH	MONITORING GROWTH IMPACT		SU 5/27/1998
			SPM	PM <sub>2.5</sub>	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
<b>METROPOLITAN STATISTICAL AREA: GAINESVILLE (ALACHUA AND GILCHRIST COUNTY)</b>												
<b>Alachua County</b>												
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 <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2019; FEM
			SLAMS	PM <sub>2.5</sub>	4	Continuous	Teledyne T640	POP EXP	NBH	QA COLLOCATION		SU 1/1/2019; FEM; Collocated Monitor
<b>METROPOLITAN STATISTICAL AREA: FORT WALTON BEACH - CRESTVIEW - DESTIN (OKALOOSA COUNTY)</b>												
<b>Okaloosa County</b>												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-091-0003	Fort Walton 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	Start-Up	SU Expected 5/2023
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI	Start-Up	SU Expected 5/2023
12-091-0002	Fort Walton Beach	720 Lovejoy Rd., Ft. Walton Beach, FL 32548; 30.426533, -86.666217	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION	SHUTDOWN	SU 12/4/2008; SD 06/2022
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI	SHUTDOWN	SU 1/30/2013; SD 06/2022
<b>METROPOLITAN STATISTICAL AREA: PANAMA CITY - LYNN HAVEN (BAY COUNTY)</b>												
<b>Bay County</b>												
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 <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 2/27/2009
<b>METROPOLITAN STATISTICAL AREA - SEBRING (HIGHLANDS COUNTY)</b>												
<b>Highlands County</b>												
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
<b>MICROPOLITAN STATISTICAL AREA: PALATKA (PUTNAM COUNTY)</b>												
<b>Putnam County</b>												
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 <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 8/15/1991
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP/ SOURCE	NBH	SOURCE MONITORING		SU 12/13/2002
<b>MICROPOLITAN STATISTICAL AREA: LAKE CITY (COLUMBIA COUNTY)</b>												
<b>Columbia County</b>												
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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 5/17/2007
<b>MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)</b>												
<b>Citrus County</b>												
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 <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 12/13/2013
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 12/7/2015
<b>NOT IN A METROPOLITAN STATISTICAL AREA</b>												
<b>Holmes County</b>												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12 059 0004	Bonifay Tri-	1976 Tri County Airport Rd., Bonifay FL 32425; 30 848611	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	REGIONAL	REGIONAL BACKGROUND		SU 9/1/1996

	County Airport	85.603889	SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 6/14/2007
<b>Hamilton County</b>												
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 <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	MIDDLE	SOURCE MONITORING		SU 03/18/2022
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	SOURCE	NBH	RURAL MONITORING		SU 03/24/2022
<b>IMPROVE NETWORK</b>												
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 <sub>2.5</sub>		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 <sub>2.5</sub>		Every 3rd Day	IMPROVE	TRANSPORT	URBAN	NEEDED BY REGULATION		SU 1993
12-086-0030	Everglades National Park	Everglades National Park, FL	SPM	PM <sub>2.5</sub>		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
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 <sub>2</sub>	Nitrogen Dioxide
NON-REG	Non-regulatory Monitoring
POP EXP	Population Exposure
PM <sub>2.5</sub>	Particulate matter with aerodynamic diameter of 2.5 micro meter
PM <sub>10</sub>	Particulate matter with aerodynamic diameter of 10 micro meter
SLAMS	State and Local Air Monitoring Stations
SO <sub>2</sub>	Sulfur Dioxide
SPM	Special Purpose Monitors
SPEC. PM <sub>2.5</sub>	Supplemental PM <sub>2.5</sub> Speciation
SD	Shut Down
SU	Set Up
STN	Speciation Trends Network
UFP	Ultra Fine Particle
VOC	Volatile Organic Compound

## **APPENDIX D: AMBIENT AIR MONITORING INVENTORY**

EPA requires an evaluation of the agency's ambient monitors and auxiliary support equipment. The condition of inventory should be categorized as "Good," "Fair" or "Poor," and indicate equipment, not in everyday use (e.g., spare or back-up). The ambient monitoring equipment inventories for Florida's monitoring agencies are provided below.

Broward County Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
308795	ESC 8832	Data Logger	12-011-0033	A3855K	41177	10.576	6350	Good	active
Palm Beach	Met One BAM 1020	Non-FEM PM2.5 Continuous Monitor	12-011-0033	H8630	N/A	N/A	N/A	N/A	inactive
N/A	RM Young T/RH Sensor	T/RH	12-011-0033	3309	44491	1.5031	858	Good	active
N/A	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0033	146400	44228	2.2231	2008.166667	Good	Data not reported
N/A	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0033	190930	44378	1.8125	2008.166667	Good	active
336466	Teledyne T640	PM2.5 Continuous Monitor	12-011-0033	662	43344	4.6434	29455	Good	active
879661 (Dade)	Teledyne T640	PM2.5 Continuous Monitor	12-011-0033	1003	N/A	N/A	N/A	Good	Returned back to Miami-Dade DERM in February 2023
296246	Thermo 49i-PS	O3 Calibrator	12-011-0033	727625035	39346	15.589	10812.5	Good	active
N/A	Thermo Scientific 49i	O3 Analyzer	12-011-0033	12135114751	N/A	N/A	N/A	Good	active, loaner from Thermo
N/A	Agilaire 8872	Data Logger	12-011-0034	979	43857	3.2389	8750	Good	active
336800	ATEC 2200	VOC Sampler	12-011-0034	39650	43677	3.7317	10095	Good	active
N/A	ATEC 8000-2	Carbonyl Sampler	12-011-0034	41708	44285	2.0671	17470	Good	active
N/A	Built by CAS as one turn-key unit. G	CAS Auto GC-FID	12-011-0034	59630820	44172	2.3765	EPA PAID + \$13,122	Good	PAMS
N/A	ESC 8832	Data Logger	12-011-0034	2372	41061	10.894	7920	Good	active
N/A	Kipp & Zonen SMP6-V	Solar Radiation	12-011-0034	190468	44228	2.2231	2212.5	Good	active
N/A	Kipp & Zonen SMP6-V	Solar Radiation- AUDIT	12-011-0034	200881	44652	1.0623	2300.04	Good	active
N/A	Kipp & Zonen SUV5-V	UV Radiation	12-011-0034	201054	44228	2.2231	3288	Good	active
N/A	Kipp & Zonen SUV5-V	UV Radiation - AUDIT	12-011-0034	211068	44652	1.0623	2874.98	Good	Back-UP/SPARE
N/A	RM Young 41342VC	Pt Temp	12-011-0034	TS32664	44033	2.757	512	Good	PAMS
N/A	RM Young 52203	Rain Tipping Bucket	12-011-0034	TB16047	44033	2.757	592.5	Good	PAMS
N/A	RM Young 61402V	Barometric Pressure	12-011-0034	BPA14705	44033	2.757	983	Good	PAMS
N/A	RM Young T/RH Sensor	T/RH	12-011-0034	33596	44378	1.8125	1061.5	Good	active
N/A	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0034	175954	44033	2.757	1642	Good	active
N/A	SuperSASS	CSN Network SuperSASS Monitor	12-011-0034	B16088	44369	1.8371	17076.25	Good	active
N/A	Teledyne 701H	HP Zero Air	12-011-0034	284	40946	11.209	6971.7	Good	active
336467	Teledyne T640X	PM10-PM2.5 Continous Monitor	12-011-0034	663	43565	4.0383	36532	Good	active
N/A	Teledyne T700U	Calibrator	12-011-0034	387	42877	5.922	22987.9	Good	active
311329	Thermo 2025i	PM2.5 Manual Sampler Collocated (1-in-12)	12-011-0034	20262	41138	10.683	14373.5	Good	active
N/A	Thermo 2025i	PM2.5 Manual Sampler (1-in-3)	12-011-0034	20451	41533	9.6016	13967.85	Good	active
N/A	Thermo 42i-Y	NO/NOY/NOdiff	12-011-0034	12123613080	44435	1.6564	32330.54	Good	active
N/A	Thermo 43i-TLE	SO2 TL	12-011-0034	1171790011	42948	5.7276	16946.77	Good	active
N/A	Thermo 48i-TLE	CO TL	12-011-0034	1170960053	42866	5.9521	15616.24	Good	active
N/A	Thermo 49i	O3 Analyzer	12-011-0034	CM09080044	39911	14.042	7533.5	Good	active
N/A	Thermo Scientific 49i-PS	O3 Calibrator	12-011-0034	824931779	donated	N/A	N/A	Good	active
N/A	URG	CSN Network URG Monitor	12-011-0034	3N-B1652/3N-B1653/3N	44319	1.974	15093.19	Good	active
N/A	Vaisala CL-51	Ceiliometer	12-011-0034	T1510251	44317	1.9795	34387.37	Good	PAMS
N/A	ESC 8832	Data Logger	12-011-0035	A4462K	41495	9.7057	7910	Good	active
N/A	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0035	181910	44228	2.2231	2008.166667	Good	active
311540	Teledyne 633	Aethalometer	12-011-0035	AE33-S01-00115	41046	10.935	21997	Good	active
N/A	Teledyne 633	Aethalometer	12-011-0035	AE33-S09-01243	44489	1.5086	24670	Needs Repair	inactive
336024	Teledyne 701H	HP Zero Air	12-011-0035	441	43465	4.3121	7340	Good	active
311327	Teledyne T200UP	Analyzer: NO-NO2 (Trace, Photolytic)	12-011-0035	60	41069	10.872	25119.8	Good	active
337501	Teledyne T640	PM2.5 Continuous Monitor	12-011-0035	829	43853	3.2498	24394	Good	active
340057	Teledyne T700U	Dilution Calibrator	12-011-0035	635	43910	3.0938	23351.5	Good	active
311542	Thermo 48i-TLE	CO TL	12-011-0035	1204751728	41045	10.938	8697	Good	active
N/A	TSI UFP3031	Continuous Particulates Ultrafine	12-011-0035	3301202404/303112050	41185	10.554	61295	Good	active
311501	ESC 8832	Data Logger	12-011-2003	A4206K	41177	10.576	6350	Good	active
N/A	MetOne E-BAMS Plus	Continuous PM10	12-011-2003	W20762	43012	5.5524	10157.7	Good	inactive
N/A	RM Young Wind Speed/Wind Dir	WS/WD	12-011-2003	154837	42886	5.8973	1462	Good	active
N/A	Teledyne T640	PM2.5 Continuous Monitor	12-011-2003	449	43344	4.6434	29455	Good	active
310340	Thermo 49i	O3 Analyzer	12-011-2003	1113748257	40680	11.937	8112	Good	active
296244	Thermo 49i-PS	O3 Calibrator	12-011-2003	727625034	39346	15.589	10812.5	Good	active
310232	Thermo Partisol Plus 2025	PM2.5 Manual Sampler (1-in-3)	12-011-2003	22735	41427	9.8919	13637.8	Good	active
N/A	ESC 8832	Data Logger	12-011-5005	A0603	42453	7.0828	donated FDEP	Good	active
N/A	Teledyne T640X	PM10-PM2.5 Continous Monitor	12-011-5005	1285	44427	1.6783	39572	Good	active
N/A	Thermo 2025i	PM2.5 Manual Sampler (Daily)	12-011-5005	20760	42065	8.1451	15869.97	Good	active
311500	ESC 8832	Data Logger	12-011-8002	A4205K	41177	10.576	6350	Good	active
N/A	Teledyne API, T500U	Direct Measure NO2	12-011-8002	311	44075	2.642	17100	Good	active
3111647	Teledyne 701H	Zero Air Generator	12-011-8002	569	42877	5.922	7210	Good	active
336636	Teledyne T700U	Dilution Calibrator	12-011-8002	513	43675	3.7372	22780	Good	active
Pinellas 111996	Thermo 42i	NO2/NO/NOx	12-011-8002	CM08260023	44105	2.5599	loaner	Good	Returned to Pinellas February 2023
N/A	Thermo 49i-PS	O3 Calibrator	12-011-8002	1150770008	42065	8.1451	13333.51	Needs Repair	active
N/A	Thermo Scientific 49i	O3 Analyzer	12-011-8002	12135114750	N/A	N/A	N/A	Good	active, loaner from Thermo
308796	ESC 8832	Datalogger	99iQ	A3856K	41177	10.576	6350	Needs Repair	inactive
FDEP 147572	ESC 8832	Data Logger	99iQ	A4773K	42453	7.0828	donated FDEP	Good	active
340153	Teledyne T400	O3 Analyzer	99iQ	5931	43983	2.8939	9702.5	Good	active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
N/A	Thermo 49iQ	O3 Analyzer	99iQ	1173380013	43174	5.1088	14215.22	Good	TESTING
N/A	Thermo 49iQ	O3 Analyzer	99iQ	1183030011	N/A	N/A	N/A	Good	Loaner from Thermo, testing
N/A	Agilair 8872	Data Logger	Env. Monitoring Lab	1168	44378	1.8125	8750	New	in box
336801	ATEC 2200	VOC Sampler	Env. Monitoring Lab	39648	43677	3.7317	10095	Good	inactive
N/A	ESC 8832	Data Logger	Env. Monitoring Lab	A4296K	41177	10.576	7910	Good	active
donated	ESC 8832	Datalogger	Env. Monitoring Lab	W279	42453	7.0828	donated FDEP	Needs Repair	Surplus due to lightning strike
331532	MetOne E-BAMS Plus	Continuous PM10	Env. Monitoring Lab	W20769	43012	5.5524	10157.7	Good	inactive
N/A	R. M. Young 81000	Sonic Anemometer	Env. Monitoring Lab	1759	40963	11.162	2606.5	Needs Repair	malfunctioned
paid by EPA	R. M. Young 81000	Sonic Anemometer	Env. Monitoring Lab	3485	40422	12.643	paid by EPA	Good	MOCK UP SITE/Back-Up
N/A	Teledyne API, T500U	Direct Measure NO2	Env. Monitoring Lab	62	N/A	N/A	N/A	Good	testing
310908	Teledyne 701H	HP Zero Air (spare)	Env. Monitoring Lab	536	42138	7.9452	5932.5	Good	MOCK UP SITE/Back-Up
N/A	Teledyne 701H	HP Zero Air	Env. Monitoring Lab	915	44498	1.4839	8699.6	Good	active
336633	Teledyne T200UP	Analyzer: NO-NO2 (Trace, Photolytic)	Env. Monitoring Lab	141	43675	3.7372	18415	Good	Back-UP/SPARE
N/A	Teledyne T640	PM2.5 Continuous Monitor	Env. Monitoring Lab	448	43344	4.6434	23447	Repaired	Spare
336486	Teledyne T640X	PM10-PM2.5 Continous Monitor	Env. Monitoring Lab	664	43565	4.0383	36532	Needs Repair	Awaiting flow sensor and pump install
N/A	Teledyne T640X	PM10-PM2.5 Continous Monitor	Env. Monitoring Lab	1558	44855	0.5065	39572	New	inactive
310200	Teledyne T700U	Dilution Calibrator	Env. Monitoring Lab	57	40568	12.244	18996	Good	Not in Use
311541	Teledyne T700U	Dilution Calibrator	Env. Monitoring Lab	85	42138	7.9452	20888.1	Needs Repair	inactive
	Teledyne T700U	Dilution Calibrator	Env. Monitoring Lab	772	44827	0.5832	27566	Good	Waiting to send to DEP for O3 certification
340154	Teledyne T703	O3 Primay Standard	Env. Monitoring Lab	821	43983	2.8939	14704.2	Good	Not in Use
NONE	Thermo 5014i	PM2.5 Continuous Monitor	Env. Monitoring Lab	CM14481011	41948	8.4654	19927.31	Repaired	SPARE
N/A	Thermo 146iQ	Gas Calibrator	Env. Monitoring Lab	1172270037	43586	3.9808	23479.55	Good	Testing
N/A	Thermo 2025i	PM2.5 Manual Sampler (1-in-3)	Env. Monitoring Lab	16392210	44908	0.3614	21438	New	inactive
NONE	Thermo 42i	NO2/NO/NOx	Env. Monitoring Lab	1163620012	42644	6.5599	17700.47	Needs Repair	inactive
NONE	Thermo 42i	NO2/NO/NOx	Env. Monitoring Lab	1170960054	42863	5.9603	18032.82	Needs Repair	inactive
301627	Thermo 42i	NO2/NO/NOx	Env. Monitoring Lab	CM08260030	39666	14.713	10925	Needs Repair	inactive
340311	Thermo 42i-Y	NO/NOY/NOdiff	Env. Monitoring Lab	1202549016	44082	2.6229	32330.54	Repaired	in box
N/A	Thermo 43i-TLE	SO2 TL	Env. Monitoring Lab	1428862875	41922	8.5366	13377.58	Good	active
285684	Thermo 48C-TLE	CO TL	Env. Monitoring Lab	5150711728	38617	17.585	11655.02	Good	inactive
336323	Thermo 48iQ-TLE	CO-TL	Env. Monitoring Lab	1182480012	43515	4.1752	20426.52	Needs Repair	malfunctioned IR source
N/A	Thermo 48iQ-TLE	CO-TL	Env. Monitoring Lab	12220819231	44886	0.4216	22133	Good	Testing
296245	Thermo 49i	O3 Analyzer	Env. Monitoring Lab	CM07340004	39349	15.581	7681.5	Good	Undergoing evaluation at demo site
U of Mich. A555472	Thermo 49i	O3 Analyzer	Env. Monitoring Lab	CM08320015	41153	10.642	Donated	Good	active
310341	Thermo 49i-PS	O3 Calibrator	Env. Monitoring Lab	1113748258	40680	11.937	11194	Needs Repair	Broken internal pneumatics
N/A	Thermo 49i-PS	O3 Calibrator	Env. Monitoring Lab	1172300029	42997	5.5934	16357.31	Good	active
N/A	Thermo 49iQ	O3 Analyzer	Env. Monitoring Lab	1173380010	43174	5.1088	14215.22	Good	inactive
N/A	Thermo 49iQ	O3 Analyzer	Env. Monitoring Lab	1173380011	43174	5.1088	14215.22	Good	inactive
331709	Thermo 49iQ	O3 Analyzer	Env. Monitoring Lab	1173380012	43174	5.1088	14215.22	Good	Not In Use
335212	Thermo 49iQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651892	43542	4.1013	18452.49	Good	MOCK UP SITE/Back-Up
335213	Thermo 49iQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651893	43542	4.1013	18452.49	Good	MOCK UP SITE/Back-Up
335219	Thermo 49iQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651894	43542	4.1013	18452.49	Good	MOCK UP SITE/Back-Up
322942	Vaisala WXT530	Weather Transmitter	Env. Monitoring Lab	M3410127	42606	6.6639	3208	Good	TESTING
N/A	Teledyne API, T500U	Direct Measure NO2	Manufacturer	358	44713	0.8953	18702	New, needs repair	Sent back to Teledyne for repairs



Florida DEP Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
88409	Wells Cargo	20' WELLS CARGO TRAILER	0030002	1WC200J1153030266	12/12/1994	28 Years	\$9,074.93	Good	Active
89330	Wells Cargo	20' WELLS CARGO TRAILER	1110013		12/12/1994	28 Years	\$9,074.93	Good	Active
89695	Aluma Tower	MET TOWERS	0590004		10/20/1994	28 Years	\$1,300.00	Good	Active
89696	Aluma Tower	MET TOWER	0030002	AT5418F-10-B	10/20/1994	28 Years	\$1,300.00	Good	Active
89697	Aluma Tower	ALUMINUM CRANKUP TOWERS	1110013		10/20/1994	28 Years	\$1,300.00	Good	Active
89717	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	1171002	1WC200J16R3028877	8/15/1994	28 Years	\$9,074.93	Good	Active
89802	Bios	MASS VOLUME FLOW CALIBRATOR	MRAS Shop D101A	B0255	12/17/1994	28 Years	\$3,185.73	Good	Active
89804	Bios	MASS VOLUME FLOW CALIBRATOR DRY	MRAS Shop D101A	B0252	12/17/1994	28 Years	\$3,185.74	Good	Active
90594	Wells Cargo	20' WELLS CARGO TRAILER DEP24124	1275002	1WC200J10R3029641	8/15/1994	28 Years	\$9,074.93	Good	Active
93279	Aluma Tower	ALUM. CRANKUP TOWER	0330004	N/A	9/1/1995	27 Years	\$1,387.99	Good	Active
93280	Aluma Tower	ALUM. CRANKUP TOWER	0013012	N/A	9/1/1995	27 Years	\$1,388.00	Good	Active
93281	Aluma Tower	ALUM. CRANKUP TOWER	0713002	N/A	9/1/1995	27 Years	\$1,388.00	Good	Active
93883	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	0013012	1WC200J16T3034007	6/21/1996	26 Years	\$9,381.00	Good	Active
93884	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	0094001	1WC200J18T3034008	6/21/1996	26 Years	\$9,381.00	Good	Active
99069	Bios	DRYCAL KIT	MRAS Shop D101A	B-678	2/3/1998	25 Years	\$3,638.89	Good	Active
99070	Bios	DRYCAL KIT	MRAS Shop D101A	B-8680	2/3/1998	25 Years	\$3,638.88	Good	Active
99914	Wells Cargo	98 WELLS CARGO TRAILER DEP4132	0730012	1WC200J11W303911	3/25/1998	25 Years	\$9,930.00	Good	Active
100505	Aluma Tower	MET TOWER	0712002	N/A	11/19/1997	25 Years	\$1,617.35	Good	Active
100506	Aluma Tower	MET TOWER	0730012	N/A	11/19/1997	25 Years	\$1,617.36	Good	Active
100507	Aluma Tower	ALUMINUM CRANKUP TOWER	0830003	AT-71198-102-3	11/19/1997	25 Years	\$1,617.36	Good	Active
103620	Thermo	MODEL 2025 SEQUENTIAL AIR SAMPLER	MRAS Shop D101A	2025A208979810	1/5/1999	24 Years	\$13,489.80	Good	Active
104332	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4606	0890005	1WC200J12X3042742	11/10/1999	23 Years	\$7,660.00	Good	Active
104333	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4608	0470015	1WC200J14X3042743	11/10/1999	23 Years	\$7,660.00	Good	Active
104334	Wells Cargo	1999 WELLS CARGO UTILIT TRL DEP4609	0090007	1WC200J16X3042744	11/10/1999	23 Years	\$7,660.00	Good	Active
105200	Chinook	STREAMLINE/MANOMETER	MRAS Shop D101A	57-004506-00001	12/14/1999	23 Years	\$1,095.00	Good	Active
105740	EnviroNics	MULTI-GAS CALIBRATOR	Standards Lab Room B105	2910	10/23/2002	20 Years	\$11,365.84	Good	Active
106605	Bios	FLOW METER KIT DRYCAL	MRAS Shop D101A	1241	7/31/2002	20 Years	\$3,147.25	Good	Active
106606	Bios	FLOW METER KIT	MRAS Shop D101A	1242	7/31/2002	20 Years	\$3,147.25	Good	Active
106634	Aluma Tower	CRANK-UP TOWER 10M	0090007	AT91204-L1-#4	1/28/2000	23 Years	\$1,590.00	Good	Active
106635	Aluma Tower	MET TOWER - test	0470015		1/28/2000	23 Years	\$1,590.00	Good	Active
106636	Aluma Tower	MET TOWER	0890005		1/28/2000	23 Years	\$1,590.00	Good	Active
106637	Aluma Tower	CRANK-UP TOWER 10M	0910002		1/28/2000	23 Years	\$1,590.00	Good	Active
106638	Aluma Tower	MET TOWER	0830004	AT91204-L1-1	1/28/2000	23 Years	\$1,590.00	Good	Active
106639	Aluma Tower	MET TOWER	0690002	AT91204-L1-#8	1/28/2000	23 Years	\$1,590.00	Good	Active
106640	Aluma Tower	MET TOWER	0230002	AT-91204-4	1/28/2000	23 Years	\$1,590.00	Good	Active
106642	Aluma Tower	MET TOWER	0050006	AT91204-L1-#9	1/28/2000	23 Years	\$1,590.00	Good	Active
106643	Aluma Tower	MET TOWER	1130015		1/28/2000	23 Years	\$1,590.00	Good	Active
106644	Aluma Tower	MET TOWER	1010005		1/28/2000	23 Years	\$1,590.00	Good	Active
106801	Bios	FLOW METER KIT DRYCAL STANDARD	MRAS Shop D101A	B936	1/10/2000	23 Years	\$3,261.00	Good	Active
107471	Chinook	FLOW TRANSFER STANDARD FTS	MRAS Shop D101A	991101	11/3/2000	22 Years	\$1,120.00	Good	Active
108995	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000066	12/12/2002	20 Years	\$2,020.00	Good	Active
108997	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000667	12/12/2002	20 Years	\$2,020.00	Good	Active
109126	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000068	12/12/2002	20 Years	\$2,020.00	Good	Active
109177	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A		12/12/2002	20 Years	\$2,020.00	Good	Active
109632	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	548717	3/22/2001	22 Years	\$1,192.16	Good	Active
109633	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	535908	3/22/2001	22 Years	\$1,192.15	Good	Active
109634	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	535888	3/22/2001	22 Years	\$1,192.15	Good	Active
109635	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-1	3/21/2001	22 Years	\$1,127.50	Good	Active
109636	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-2	3/21/2001	22 Years	\$1,127.50	Good	Active
109637	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-3	3/21/2001	22 Years	\$1,127.50	Good	Active
109638	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-4	3/21/2001	22 Years	\$1,127.50	Good	Active
109912	N/A	GAS ROTARY DRESSER ROOTS ACC TES	Standards Lab Room B416	0120524	4/3/2001	22 Years	\$2,225.00	Good	Active
110129	Wells Cargo	WELLS CARGO UTILITY TRL DEP5299	0890010	1WC200E1733049495	2/24/2003	20 Years	\$10,277.00	Good	Active
110689	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BAS	0550003	N/A	8/27/2001	21 Years	\$1,660.00	Good	Active
110690	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BAS	0170006	N/A	8/27/2001	21 Years	\$1,660.00	Good	Active
110691	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BAS	1071008	N/A	8/27/2001	21 Years	\$1,660.00	Good	Active

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
112110	Wells Cargo	8X20 WELLSCARGO STORAGE TRL DEP5	0590004	1WC200J2223047926	1/22/2002	21 Years	\$10,812.00	Good	Active
113644	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	622964	6/17/2002	20 Years	\$1,190.00	Good	Active
113645	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	658809	6/17/2002	20 Years	\$1,190.00	Good	Active
113646	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B105	658827	6/17/2002	20 Years	\$1,190.00	Good	Active
115149	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0890010		1/6/2003	20 Years	\$2,334.00	Good	Active
115150	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0972002		1/6/2003	20 Years	\$2,334.00	Good	Active
115151	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0690002	202103112	1/6/2003	20 Years	\$2,334.00	Good	Active
115152	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A		1/6/2003	20 Years	\$2,334.00	Good	Active
115153	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	1071008		1/6/2003	20 Years	\$2,334.00	Good	Active
115154	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0013012		1/6/2003	20 Years	\$2,334.00	Good	Active
115155	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A	202103451	1/6/2003	20 Years	\$2,334.00	Good	Active
115156	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0713002		1/6/2003	20 Years	\$2,334.00	Good	Active
115157	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A		1/6/2003	20 Years	\$2,334.00	Good	Active
115158	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	0730012		1/6/2003	20 Years	\$2,334.00	Good	Active
115159	Atlantic Scientific	LIGHTENING PROTECTION SYS	0330004		2/25/2003	20 Years	\$4,599.75	Good	Active
116105	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B105	1615600001	4/25/2003	20 Years	\$1,317.73	Good	Active
116106	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B105	1615700001	4/25/2003	20 Years	\$1,317.72	Good	Active
117235	Atlantic Scientific	LIGHTNING PROTECTION KIT	0030002		5/23/2003	19 Years	\$2,421.67	Good	Active
117236	Atlantic Scientific	LIGHTNING PROTECTION KIT	1010005		5/23/2003	19 Years	\$2,421.67	Good	Active
117237	Atlantic Scientific	LIGHTNING PROTECTION KIT	0210004		5/23/2003	19 Years	\$2,421.66	Good	Active
117238	Teledyne	MASS FLOW CONTROLLER ENVIRONICS	Standards Lab Room B105	1652700001	5/23/2003	19 Years	\$1,320.00	Good	Active
117239	Teledyne	MASS FLOW CONTROLLER	Standards Lab Room B105	1652800001	5/23/2003	19 Years	\$1,320.00	Good	Active
117393	N/A	CALIBRATION BATH	Standards Lab Room B105	803050076	6/5/2003	19 Years	\$9,972.90	Good	Active
117909	N/A	CALIBRATION EQUIPMENT	Standards Lab Room B105		7/31/2003	19 Years	\$3,047.00	Good	Active
117940	Nova-Lynx	HANDHELD BAROMETER	MRAS Shop D101A	976370-T2	6/19/2003	19 Years	\$1,404.94	Good	Active
118079	Bios	BETA ML 800 CALIBRATOR	Standards Lab Room B105	101410	12/10/2003	19 Years	\$33,140.00	Good	Active
120171	Chinook	DUAL FLOW STREAMLINE /MANOMETER	MRAS Shop D101A	HL1	4/19/2004	19 Years	\$1,878.00	Good	Active
120172	Chinook	DUAL FLOW STREAMLINE / MANOMETE	MRAS Shop D101A	HL2	4/19/2004	19 Years	\$1,878.00	Good	Active
121305	Enviroics	GAS CALIBRATOR	Standards Lab Room B105	3285	9/1/2004	18 Years	\$12,838.50	Good	Active
121345	Atlantic Scientific	LIGHTNING PROTECTION KIT	0910002		9/27/2004	18 Years	\$2,810.81	Good	Active
121346	Atlantic Scientific	LIGHTNING PROTECTION KIT	1056006		9/27/2004	18 Years	\$2,810.81	Good	Active
121347	Atlantic Scientific	LIGHTNING PROTECTION KIT	0890005		9/27/2004	18 Years	\$2,810.81	Good	Active
121348	Atlantic Scientific	LIGHTNING PROTECTION KIT	1012001		9/27/2004	18 Years	\$2,810.81	Good	Active
121817	Thermo	AIR MONITOR	0013012	140AB253230409	11/12/2004	18 Years	\$17,460.00	Good	Active
121818	Thermo	AIR MONITOR	MRAS Shop D101A	140AB253240409	11/12/2004	18 Years	\$17,460.00	Good	Active
121819	Thermo	AIR MONITOR	0850007	140AB253250409	11/12/2004	18 Years	\$17,460.00	Good	Active
121882	Chinook	DUAL FLOW STEAMLIN/MANMOMETER	MRAS Shop D101A	HL3	10/8/2004	18 Years	\$1,879.00	Good	Active
121883	Chinook	DUAL FLOW STEAMLIN/MANMOMETER	MRAS Shop D101A	HL4	10/8/2004	18 Years	\$1,879.00	Good	Active
122188	Nova-Lynx	NOVALYNX MANOMETER	MRAS Shop D101A	995472U1	8/23/2004	18 Years	\$1,404.69	Good	Active
124178	Wells Cargo	WELLS CARGO TOTE WAGON(EP-6095)	MRAS Shop D101A	1WC200E2353053636	5/16/2005	17 Years	\$9,534.25	Good	Active
124762	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	MRAS Shop D101A	8881043	6/9/2005	17 Years	\$1,081.00	Good	Active
124764	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	0330004	8767074	6/9/2005	17 Years	\$1,081.00	Good	Active
125012	Thermo	PARTISOL-PLUS# 2025 PM 2.5 SAMPLER	MRAS Shop D101A	2025B217930506	7/1/2005	17 Years	\$11,890.00	Good	Active
125634	Fluke	FLUKE 5520A VOLTAGE CALIBRATOR	Standards Lab Room B105	S970008	9/7/2005	17 Years	\$24,633.00	Good	Active
126972	Alborg	THERMAL MFM	Standards Lab Room B105	15493811	2/27/2006	17 Years	\$1,192.25	Good	Active
126973	Alborg	THERMAL MFM	Standards Lab Room B105	154938-2	2/27/2006	17 Years	\$1,192.25	Good	Active
127392	Fluke	FLUKE 8508A/01-8.5 DIGIT REF. MULTI	Standards Lab Room B105	908852245	3/27/2006	17 Years	\$16,665.00	Good	Active
127441	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/B	0330018		4/3/2006	17 Years	\$2,235.00	Good	Active
127442	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/B	0850007		4/3/2006	17 Years	\$2,235.00	Good	Active
127530	Fluke	FLUKE KIT	MRAS Shop D101A	9015198	4/20/2006	17 Years	\$1,362.05	Good	Active
127531	Fluke	FLUKE KIT	0850007	9005307	4/20/2006	17 Years	\$1,362.05	Good	Active
132187	Thermo	VSCC MONITOR	0830003	140AB266790704	5/17/2007	15 Years	\$24,964.00	Good	Active
132281	Thermo	49IA PHOTOMETRIC OZONE	1290001	0714922084	5/29/2007	15 Years	\$7,313.50	Good	Active
132282	Thermo	49IPS PHOTOMETIC OZONE	1171002	0714922083	5/29/2007	15 Years	\$9,518.93	Good	Active
132884	Thermo	42I CHEMIL NO-NO2-NOX ANALYZER	MRAS Shop D101A	CM07230014	6/28/2007	15 Years	\$11,305.00	Good	Active
133513	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M070802	8/28/2007	15 Years	\$3,548.00	Good	Active
135129	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	710005	9612059	6/9/2005	17 Years	\$1,081.00	Good	Active
135239	Aluma Tower	CRANKUP TOWER ALUMINUM 35FT	1171002	AT-82070-T-4-2	4/28/2008	14 Years	\$2,367.50	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
135538	Wells Cargo	SITE MONITORING TRAILER 8X20	0350004	1WC200J2383058622	5/14/2008	14 Years	\$14,597.00	Good	Active
135562	Wells Cargo	SITE MONITORING TRAILER 8X20	0850007	1WC200J2583058623	5/27/2008	14 Years	\$14,597.00	Good	Active
137051	Thermo	PHOTOMETRIC OZONE ANALYZER	0910002	0820431148	7/14/2008	14 Years	\$7,353.50	Good	Active
137052	Thermo	PHOTOMETRIC OZONE CALIBRATOR	MRAS Shop D101A	0820430996	7/14/2008	14 Years	\$10,165.00	Good	Active
137565	Thermo	TEOM MONITOR 1405	0470015	1405A1264112212	9/8/2008	14 Years	\$17,554.10	Good	Active
137874	EnviroNics	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B105	4388	11/21/2008	14 Years	\$6,669.00	Good	Active
138593	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M081202	4/15/2009	14 Years	\$3,917.00	Good	Active
138594	Chinook	STREAMLINE PRO o-MULTICAL SYSTEM	MRAS Shop D101A	M081204	4/15/2009	14 Years	\$3,917.00	Good	Active
138595	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M080510	4/15/2009	14 Years	\$3,917.00	Good	Active
139025	Thermo	49I-UV PHOTOMETRIC OZONE CALIBRATOR	0050006	0913235776	5/4/2009	13 Years	\$10,202.76	Good	Active
139174	Thermo	49I-UV PHOTOMETRIC OZONE ANALYZER	1130015	CM09130039	5/12/2009	13 Years	\$7,569.45	Good	Active
139697	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	MRAS Shop D101A	2025B225330905	6/10/2009	13 Years	\$12,464.95	Good	Active
139698	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	0090007	2025B225320905	6/10/2009	13 Years	\$12,464.95	Good	Active
139699	Thermo	TEOM MONITOR MODEL 1405	0590004	1405A204650904	6/10/2009	13 Years	\$17,857.44	Good	Active
139700	Thermo	TEOM MONITOR MODEL 1405	MRAS Shop D101A	1405A204780905	6/10/2009	13 Years	\$17,857.43	Good	Active
139701	Wells Cargo	TRAILER 8X20 DEP21075	0713002	1WC200J2693059622	6/16/2009	13 Years	\$16,922.25	Good	Active
139702	Wells Cargo	TRAILER 8X20DEP21076	0170006	1WC200J2893059623	6/16/2009	13 Years	\$16,922.25	Good	Active
140120	Teledyne	TELEDYNE MODEL 700 CALIBRATOR	0890005	703-S	10/26/2009	13 Years	\$16,958.96	Good	Active
140296	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225830910	1/11/2010	13 Years	\$12,575.80	Good	Active
140297	Thermo	AIR SAMPLER	0010023	2025B225910910	1/11/2010	13 Years	\$12,575.80	Good	Active
140298	Thermo	AIR SAMPLER	1171002	2025B225920912	1/11/2010	13 Years	\$12,575.80	Good	Active
140299	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225930910	1/11/2010	13 Years	\$12,575.81	Good	Active
140300	Thermo	AIR SAMPLER	0010023	2025B225940910	1/11/2010	13 Years	\$12,575.81	Good	Active
140301	Thermo	ANALYZER	1012001	CM09500013	1/8/2010	13 Years	\$7,936.32	Good	Active
140302	Thermo	ANALYZER	0730012	CM09500014	1/8/2010	13 Years	\$7,936.32	Good	Active
140303	Thermo	ANALYZER	0050006	CM09500015	1/8/2010	13 Years	\$7,936.32	Good	Active
140304	Thermo	ANALYZER	0590004	CM09500016	1/8/2010	13 Years	\$7,936.33	Good	Active
140305	Thermo	ANALYZER	MRAS Shop D101A	CM09500017	1/8/2010	13 Years	\$7,936.33	Good	Active
140306	Thermo	CALIBRATOR	1130015	0935239567	1/8/2010	13 Years	\$9,808.00	Good	Active
140307	Thermo	CALIBRATOR	MRAS Shop D101A	035239568	1/8/2010	13 Years	\$9,808.00	Good	Active
140308	Thermo	CALIBRATOR	0730012	035239569	1/8/2010	13 Years	\$9,808.00	Good	Active
140309	Thermo	CALIBRATOR	1012001	035239570	1/8/2010	13 Years	\$9,808.00	Good	Active
140310	Thermo	CALIBRATOR	0013012	035239571	1/8/2010	13 Years	\$9,808.00	Good	Active
140617	Teledyne	GAS CALIBRATOR	1056005	898-S	6/1/2010	12 Years	\$15,103.00	Good	Active
140619	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	897-S	6/1/2010	12 Years	\$15,103.00	Good	Active
140620	Teledyne	GAS CALIBRATOR	0470015	895-A	6/1/2010	12 Years	\$15,103.00	Good	Active
140621	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	899	6/1/2010	12 Years	\$15,103.00	Good	Active
140622	Teledyne	GAS CALIBRATOR	0810028	900-S	6/1/2010	12 Years	\$15,103.00	Good	Active
140930	Vaisala	WXT520 WEATHER TRANSMITTER	0890005	F2620012	7/9/2010	12 Years	\$2,032.75	Good	Active
141344	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H8Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141347	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1S955P1	12/6/2010	12 Years	\$621.90	Good	Active
141354	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	9YQ74P1	12/6/2010	12 Years	\$621.90	Good	Active
141355	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CQ955P1	12/6/2010	12 Years	\$621.90	Good	Active
141356	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1Q955P1	12/6/2010	12 Years	\$621.90	Good	Active
141360	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	G6X74P1	12/6/2010	12 Years	\$621.90	Good	Active
141364	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	29Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141366	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	FQ955P1	12/6/2010	12 Years	\$621.90	Good	Active
141370	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H7Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141371	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D5X74P1	12/6/2010	12 Years	\$621.90	Good	Active
141375	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	JXQ74P1	12/6/2010	12 Years	\$621.90	Good	Active
141376	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D9Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141379	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CP955P1	12/6/2010	12 Years	\$621.90	Good	Active
141380	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	7XQ74P1	12/6/2010	12 Years	\$621.90	Good	Active
141381	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1ZQ74P1	12/6/2010	12 Years	\$621.90	Good	Active
141382	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	GR955P1	12/6/2010	12 Years	\$621.90	Good	Active
141383	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	F9Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141385	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	88Y74P1	12/6/2010	12 Years	\$621.90	Good	Active
141386	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	16X74P1	12/6/2010	12 Years	\$621.90	Good	Active

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
142164	Teledyne	UV ANALYZER	MRAS Shop D101A	0087	2/8/2011	12 Years	\$7,819.25	Good	Active
142165	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3412	2/7/2011	12 Years	\$4,057.13	Good	Active
142166	Teledyne	AIR SYSTEM MODEL 7010	0170006	3413	2/7/2011	12 Years	\$4,057.13	Good	Active
142167	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3414	2/7/2011	12 Years	\$4,057.13	Good	Active
142168	Teledyne	AIR SYSTEM MODEL 7010	0810028	3415	2/7/2011	12 Years	\$4,057.13	Good	Active
142169	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3416	2/7/2011	12 Years	\$4,057.13	Good	Active
142170	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3418	2/7/2011	12 Years	\$4,057.13	Good	Active
142171	Teledyne	AIR SYSTEM MODEL 7010	1071008	3419	2/7/2011	12 Years	\$4,057.13	Good	Active
142172	Teledyne	AIR SYSTEM MODEL 7010	1056005	3420	2/7/2011	12 Years	\$4,057.13	Good	Active
142173	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3421	2/7/2011	12 Years	\$4,057.13	Good	Active
142174	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3422	2/7/2011	12 Years	\$4,057.13	Good	Active
142176	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3424	2/7/2011	12 Years	\$4,057.13	Good	Active
142178	Vaisala	WEATHER TRANSMITTER	0330004	G0350001	2/7/2011	12 Years	\$2,648.00	Good	Active
142179	Vaisala	WEATHER TRANSMITTER	0030002	G0350002	2/7/2011	12 Years	\$2,648.00	Good	Active
142180	Vaisala	WEATHER TRANSMITTER	0590004	G0350003	2/7/2011	12 Years	\$2,648.00	Good	Active
142181	Vaisala	WEATHER TRANSMITTER	0830003	G0350004	2/7/2011	12 Years	\$2,648.00	Good	Active
142182	Vaisala	WEATHER TRANSMITTER	1130015	G0350005	2/7/2011	12 Years	\$2,648.00	Good	Active
142183	Vaisala	WEATHER TRANSMITTER	0350004	G0350006	2/7/2011	12 Years	\$2,648.00	Good	Active
142184	Vaisala	WEATHER TRANSMITTER	0330018	G0350007	2/7/2011	12 Years	\$2,648.00	Good	Active
142185	Vaisala	WEATHER TRANSMITTER	0470015	G0350008	2/7/2011	12 Years	\$2,648.00	Good	Active
142186	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350009	2/7/2011	12 Years	\$2,648.00	Good	Active
142187	Vaisala	WEATHER TRANSMITTER	1071008	G0350010	2/7/2011	12 Years	\$2,648.00	Good	Active
142188	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350011	2/7/2011	12 Years	\$2,648.00	Good	Active
142189	Vaisala	WEATHER TRANSMITTER	1110013	G0350012	2/7/2011	12 Years	\$2,648.00	Good	Active
142190	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350013	2/7/2011	12 Years	\$2,648.00	Good	Active
142191	Vaisala	WEATHER TRANSMITTER	0050006	G0350014	2/7/2011	12 Years	\$2,648.00	Good	Active
142192	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350015	2/7/2011	12 Years	\$2,649.00	Good	Active
142256	Thermo	AIR SAMPLER	1275002	2025B227811103	3/11/2011	12 Years	\$12,575.81	Good	Active
143498	Vaisala	VAISALA WEATHER TRANSMITTER	0972002	G3420030	9/23/2011	11 Years	\$2,618.24	Good	Active
143499	Vaisala	VAISALA WEATHER TRANSMITTER	0730012	G3420033	9/23/2011	11 Years	\$2,618.24	Good	Active
143500	Vaisala	VAISALA WEATHER TRANSMITTER	1290001	G3420031	9/23/2011	11 Years	\$2,618.24	Good	Active
143501	Vaisala	VAISALA WEATHER TRANSMITTER	1012001	G3420027	9/23/2011	11 Years	\$2,618.24	Good	Active
143502	Vaisala	VAISALA WEATHER TRANSMITTER	0910002	G3420022	9/23/2011	11 Years	\$2,618.24	Good	Active
143503	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420021	9/23/2011	11 Years	\$2,618.24	Good	Active
143504	Vaisala	VAISALA WEATHER TRANSMITTER	1056006	G3420026	9/23/2011	11 Years	\$2,618.24	Good	Active
143505	Vaisala	VAISALA WEATHER TRANSMITTER	1171002	G3420029	9/23/2011	11 Years	\$2,618.24	Good	Active
143506	Vaisala	VAISALA WEATHER TRANSMITTER	0850007	G3420035	9/23/2011	11 Years	\$2,618.24	Good	Active
143508	Vaisala	VAISALA WEATHER TRANSMITTER	1272001	G3420032	9/23/2011	11 Years	\$2,618.24	Good	Active
143509	Vaisala	VAISALA WEATHER TRANSMITTER	0094001	G3420024	9/23/2011	11 Years	\$2,618.24	Good	Active
143510	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420014	9/23/2011	11 Years	\$2,618.24	Good	Active
143511	Vaisala	VAISALA WEATHER TRANSMITTER	0210004	G3420015	9/23/2011	11 Years	\$2,618.24	Good	Active
143512	Vaisala	VAISALA WEATHER TRANSMITTER	0550003	G3420025	9/23/2011	11 Years	\$2,618.24	Good	Active
143513	Vaisala	VAISALA WEATHER TRANSMITTER	0712002	G3420034	9/23/2011	11 Years	\$2,618.24	Good	Active
143514	Vaisala	VAISALA WEATHER TRANSMITTER	0170006	G3420012	9/23/2011	11 Years	\$2,618.24	Good	Active
143515	Vaisala	VAISALA WEATHER TRANSMITTER	0713002	G3420011	9/23/2011	11 Years	\$2,618.24	Good	Active
143516	Vaisala	VAISALA WEATHER TRANSMITTER	0090007	G3420013	9/23/2011	11 Years	\$2,618.24	Good	Active
143517	Vaisala	VAISALA WEATHER TRANSMITTER	0013012	G3420017	9/23/2011	11 Years	\$2,618.24	Good	Active
143518	Vaisala	VAISALA WEATHER TRANSMITTER	0830004	G3420016	9/23/2011	11 Years	\$2,618.24	Good	Active
143519	Vaisala	VAISALA WEATHER TRANSMITTER	0230002	G3420018	9/23/2011	11 Years	\$2,618.24	Good	Active
143520	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420020	9/23/2011	11 Years	\$2,618.24	Good	Active
143521	Vaisala	VAISALA WEATHER TRANSMITTER	0690002	G3420019	9/23/2011	11 Years	\$2,618.24	Good	Active
143522	Vaisala	VAISALA WEATHER TRANSMITTER	1010005	G3420023	9/23/2011	11 Years	\$2,618.24	Good	Active
145216	Thermo	OZONE ANALYZER	0013012	1227254949	10/19/2012	10 Years	\$8,441.78	Good	Active
145217	Thermo	OZONE ANALYZER	0972002		10/19/2012	10 Years	\$8,441.78	Good	Active
145218	Thermo	OZONE ANALYZER	0690002	1227254945	10/19/2012	10 Years	\$8,441.78	Good	Active
145219	Thermo	OZONE ANALYZER	0330004	1227254948	10/19/2012	10 Years	\$8,441.78	Good	Active
145220	Thermo	OZONE ANALYZER	0830003	1227254942	10/19/2012	10 Years	\$8,441.78	Good	Active
145221	Thermo	OZONE ANALYZER	MRAS Shop D101A	1227254944	10/19/2012	10 Years	\$8,441.78	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
145222	Thermo	OZONE ANALYZER	0330018	1227254950	10/19/2012	10 Years	\$8,441.78	Good	Active
145223	Thermo	OZONE ANALYZER	1272001	1227254946	10/19/2012	10 Years	\$8,441.78	Good	Active
145224	Thermo	OZONE ANALYZER	MRAS Shop D101A		10/19/2012	10 Years	\$8,441.78	Good	Active
145225	Thermo	OZONE CALIBRATOR	0330018	1227254881	10/19/2012	10 Years	\$11,487.49	Good	Active
145226	Thermo	OZONE CALIBRATOR	0210004	1227254880	10/19/2012	10 Years	\$11,487.49	Good	Active
145227	Thermo	OZONE CALIBRATOR	1272001	1227254882	10/19/2012	10 Years	\$11,487.49	Good	Active
145228	Thermo	OZONE CALIBRATOR	0330004	1227254878	10/19/2012	10 Years	\$11,487.49	Good	Active
145229	Thermo	OZONE CALIBRATOR	MRAS Shop D101A	1227254879	10/19/2012	10 Years	\$11,487.49	Good	Active
145230	Thermo	PULSE FLUOR SO2 ANALYZER	1071008	1227254884	10/19/2012	10 Years	\$11,213.28	Good	Active
145231	Thermo	PULSE FLUOR SO2 ANALYZER	0890005	1227254883	10/19/2012	10 Years	\$11,213.28	Good	Active
145265	Thermo	AIR MONITOR	0910002	1405A212581101	3/30/2011	12 Years	\$18,374.48	Good	Active
145266	Thermo	AIR MONITOR	0890010	1405A213561102	3/30/2011	12 Years	\$18,374.48	Good	Active
145510	Thermo	PULSE FLOUR MODEL 43I S02 ANALYZER	0330004	1308857348	4/11/2013	10 Years	\$11,497.28	Good	Active
145511	Thermo	PULSE FLOUR MODEL 43I S02 ANALYZER	0170006	1308857349	4/11/2013	10 Years	\$11,497.28	Good	Active
145512	Thermo	PULSE FLOUR MODEL 43I S02 ANALYZER	0810028	1308857350	4/11/2013	10 Years	\$11,497.28	Good	Active
145513	Thermo	PULSE FLOUR MODEL 43I S02 ANALYZER	MRAS Shop D101A	1308857351	4/11/2013	10 Years	\$11,497.28	Good	Active
146565	Thermo	UV 03 ANALYZER	1275002	1317958398	7/12/2013	9 Years	\$8,657.24	Good	Active
146566	Thermo	UV 03 ANALYZER	1056005		7/12/2013	9 Years	\$8,657.24	Good	Active
146567	Thermo	UV 03 ANALYZER	0090007	1317958400	7/12/2013	9 Years	\$8,657.24	Good	Active
146568	Thermo	UV 03 CALIBRATOR	0094001	1317958401	7/12/2013	9 Years	\$11,771.49	Good	Active
146569	Thermo	UV 03 CALIBRATOR	0090007	1317958402	7/12/2013	9 Years	\$11,771.49	Good	Active
146570	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	9 Years	\$11,771.49	Good	Active
146571	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	9 Years	\$11,771.49	Good	Active
146572	Thermo	1405 MONITOR	0730012		7/12/2013	9 Years	\$16,883.57	Good	Active
146573	Thermo	PULSE S02 ANALYZER	MRAS Shop D101A	JC1306300719	7/12/2013	9 Years	\$11,486.40	Good	Active
146574	Thermo	PULSE S02 ANALYZER	1056005		7/12/2013	9 Years	\$11,486.40	Good	Active
147046	Thermo	UV 03 ANALYZER 491A1NAA	0830004	1331659576	12/11/2013	9 Years	\$7,917.81	Good	Active
147047	Thermo	UV 03 ANALYZER 491A1NAA	0230002	1331659580	12/11/2013	9 Years	\$7,917.81	Good	Active
147048	Thermo	UV 03 ANALYZER 491A1NAA	0350004	1331659608	12/11/2013	9 Years	\$7,917.81	Good	Active
147049	Thermo	UV 03 ANALYZER 491A1NAA	0210004	1331659573	12/11/2013	9 Years	\$7,917.81	Good	Active
147050	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659539	12/11/2013	9 Years	\$7,917.81	Good	Active
147051	Thermo	UV 03 ANALYZER 491A1NAA	0030002	1331659578	12/11/2013	9 Years	\$7,917.81	Good	Active
147052	Thermo	UV 03 ANALYZER 491A1NAA	1010005	1331659538	12/11/2013	9 Years	\$7,917.81	Good	Active
147053	Thermo	UV 03 ANALYZER 491A1NAA	0550003	1331659581	12/11/2013	9 Years	\$7,917.81	Good	Active
147054	Thermo	UV 03 ANALYZER 491A1NAA	0713002	1331659575	12/11/2013	9 Years	\$7,917.81	Good	Active
147055	Thermo	UV 03 ANALYZER 491A1NAA	1110013	1331659609	12/11/2013	9 Years	\$7,917.81	Good	Active
147056	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659579	12/11/2013	9 Years	\$7,917.81	Good	Active
147057	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659577	12/11/2013	9 Years	\$7,917.81	Good	Active
147058	Thermo	UV 03 ANALYZER 491A1NAA	1056006	1331659574	12/11/2013	9 Years	\$7,917.81	Good	Active
147059	Thermo	UV 03 ANALYZER 491A1NAA	0712002	1331659610	12/11/2013	9 Years	\$7,917.81	Good	Active
147060	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0830003	1331659541	12/11/2013	9 Years	\$10,766.07	Good	Active
147061	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0972002	1331659643	12/11/2013	9 Years	\$10,766.07	Good	Active
147062	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	MRAS Shop D101A	1331659645	12/11/2013	9 Years	\$10,766.07	Good	Active
147063	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	1171002	1331659614	12/11/2013	9 Years	\$10,766.07	Good	Active
147064	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0830004	1331659584	12/11/2013	9 Years	\$10,766.07	Good	Active
147065	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0713002	1331659608	12/11/2013	9 Years	\$10,766.07	Good	Active
147066	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0030002	1331659540	12/11/2013	9 Years	\$10,766.07	Good	Active
147067	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0690002	1331659582	12/11/2013	9 Years	\$10,766.07	Good	Active
147068	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	MRAS Shop D101A	1331659611	12/11/2013	9 Years	\$10,766.07	Good	Active
147069	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0350004	1331659628	12/11/2013	9 Years	\$10,766.07	Good	Active
147070	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0590004	1331659629	12/11/2013	9 Years	\$10,766.07	Good	Active
147071	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	1275002	1331659630	12/11/2013	9 Years	\$10,766.07	Good	Active
147072	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	1010005	1331659583	12/11/2013	9 Years	\$10,766.07	Good	Active
147073	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0550003	1331659627	12/11/2013	9 Years	\$10,766.07	Good	Active
147074	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	1110013	1331659642	12/11/2013	9 Years	\$10,766.07	Good	Active
147075	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	0230002	1331659612	12/11/2013	9 Years	\$10,766.07	Good	Active
147076	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	1056006	1331659644	12/11/2013	9 Years	\$10,766.07	Good	Active
147077	Thermo	UV 03 PRIMARY STANDARD CALIBRATO	MRAS Shop D101A	1331659613	12/11/2013	9 Years	\$10,766.07	Good	Active

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
147078	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0910002	1331659543	12/11/2013	9 Years	\$10,766.07	Good	Active
147079	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0850007	1331659542	12/11/2013	9 Years	\$10,766.07	Good	Active
147080	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	1038	12/28/2013	9 Years	\$15,313.43	Good	Active
147081	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	0330004	1039	12/28/2013	9 Years	\$15,313.43	Good	Active
147082	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	1040	12/28/2013	9 Years	\$15,313.43	Good	Active
147891	Nova-Lynx	M202 HANDHELD DIGITAL BAROMETER	MRAS Shop D101A	1238000148	4/18/2014	9 Years	\$1,452.85	Good	Active
148145	Thermo	CONTINUOUS PM MONITOR	1290001	1405A228401405	6/18/2014	8 Years	\$17,138.19	Good	Active
148239	Thermo	ANALYZER	1290001	1417862270	6/30/2014	8 Years	\$8,960.83	Good	Active
148240	Thermo	ANALYZER	0094001	1417862271	6/30/2014	8 Years	\$8,960.83	Good	Active
148241	Thermo	ANALYZER	0850007	1417862272	6/30/2014	8 Years	\$8,960.83	Good	Active
148242	Thermo	CALIBRATOR	1056005	1417862273	6/30/2014	8 Years	\$12,231.77	Good	Active
148243	Thermo	CALIBRATOR	0712002	1417862274	6/30/2014	8 Years	\$12,231.77	Good	Active
148411	William Scotsman	PORTABLE BLDG	0330018	B043MODB25	8/6/2014	8 Years	\$34,799.00	Good	Active
148419	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	8 Years	\$1,448.25	Good	Active
148420	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	8 Years	\$1,448.25	Good	Active
148421	Nova-Lynx	BAROMETER	MRAS Shop D101A	1429000090	8/14/2014	8 Years	\$1,448.25	Good	Active
149023	ESC 8872	DATA LOGGER	0730012	0381	2/6/2015	8 Years	\$6,280.00	Good	Active
149365	Thermo	PARTISOL AIR SAMPLER	710005	2025IW202731412	5/4/2015	7 Years	\$12,970.08	Good	Active
149366	Thermo	AIR SAMPLERS	0330004	2025IW207201412	5/4/2015	7 Years	\$12,970.08	Good	Active
149367	Thermo	PARTISOL AIR SAMPLER	0330004	2025IW207241412	5/4/2015	7 Years	\$12,970.08	Good	Active
149368	Thermo	PARTISOL AIR SAMPLER	0730012	2025IW207211412	5/4/2015	7 Years	\$12,970.08	Good	Active
149369	Thermo	PARTISOL AIR SAMPLER	0730012	2025IW207311501	5/4/2015	7 Years	\$12,970.08	Good	Active
149468	Teledyne	CALIBRATOR	MRAS Shop D101A	242	6/12/2015	7 Years	\$21,610.90	Good	Active
149485	ESC 8872	DATA LOGGERS	0330004	0458	6/16/2015	7 Years	\$6,647.50	Good	Active
149486	ESC 8872	DATA LOGGERS	1290001	0459	6/16/2015	7 Years	\$6,647.50	Good	Active
149487	ESC 8872	DATA LOGGERS	MRAS Shop D101A	0460	6/16/2015	7 Years	\$6,647.50	Good	Active
149488	ESC 8872	DATA LOGGERS	0030002	461	6/16/2015	7 Years	\$6,647.50	Good	Active
149489	ESC 8872	DATA LOGGERS	0090007	462	6/16/2015	7 Years	\$6,647.50	Good	Active
149558	Teledyne	CALIBRATOR T750U 56	MRAS Shop D101A	56	7/10/2015	7 Years	\$21,387.90	Good	Active
149559	Teledyne	CALIBRATOR	MRAS Shop D101A	57	7/10/2015	7 Years	\$21,387.90	Good	Active
149560	Teledyne	CALIBRATOR T750U 58	MRAS Shop D101A	58	7/10/2015	7 Years	\$21,387.90	Good	Active
149630	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0890005	0488	9/11/2015	7 Years	\$6,840.00	Good	Active
149631	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0890010	0489	9/11/2015	7 Years	\$6,840.00	Good	Active
149632	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0230002	0487	9/11/2015	7 Years	\$6,840.00	Good	Active
149633	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	1171002	0490	9/11/2015	7 Years	\$6,840.00	Good	Active
149826	Thermo	431 SO2 ANALYZER	0470015	JC1526101647	11/12/2015	7 Years	\$11,983.43	Good	Active
149827	Thermo	431 SO2 ANALYZER	MRAS Shop D101A	JC1526101643	11/12/2015	7 Years	\$11,983.43	Good	Active
149904	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	182	11/18/2015	7 Years	\$48,913.44	Good	Active
149905	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	183	11/18/2015	7 Years	\$48,913.43	Good	Active
149906	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	184	11/18/2015	7 Years	\$48,913.43	Good	Active
149977	Thermo	TEOM 1405 MONITOR	0050006	1405A232741511	12/1/2015	7 Years	\$16,881.22	Good	Active
149978	Thermo	TEOM 1405 MONITOR	0230002	1405A232711510	12/1/2015	7 Years	\$16,881.22	Good	Active
149979	Thermo	TEOM 1405 MONITOR	MRAS Shop D101A	1405A232961511	12/1/2015	7 Years	\$16,881.22	Good	Active
149980	Thermo	TEOM 1405 MONITOR	1130015	1405A232801511	12/1/2015	7 Years	\$16,881.22	Good	Active
149981	Thermo	TEOM 1405 MONITOR	0170006	1405A232951511	12/1/2015	7 Years	\$16,881.22	Good	Active
150105	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	1071008	2330	1/26/2016	7 Years	\$14,914.00	Good	Active
150106	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	0170006	2329	1/26/2016	7 Years	\$14,914.00	Good	Active
150107	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	2328	1/26/2016	7 Years	\$14,914.00	Good	Active
151131	BGI	TETRACAL CALIBRATORS	MRAS Shop D101A	151505	10/12/2016	6 Year	\$2,300.00	Good	Active
151132	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151494	10/18/2016	6 Year	\$2,300.00	Good	Active
151133	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151503	10/18/2016	6 Year	\$2,300.00	Good	Active
151134	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151509	10/18/2016	6 Year	\$2,300.00	Good	Active
151135	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151498	10/18/2016	6 Year	\$2,300.00	Good	Active
151136	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151500	10/18/2016	6 Year	\$2,300.00	Good	Active
151137	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151504	10/18/2016	6 Year	\$2,300.00	Good	Active
151138	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151493	10/18/2016	6 Year	\$2,300.00	Good	Active
152008	Teledyne	PORTAB. DYNAMIC DILUTION CALIBRATOR	Standards Lab Room B105	99	4/20/2017	73 Months	\$22,116.50	Good	Active
152012	Thermo	1405 MEMBRANE MONITOR	1056006	1405A239061703	4/25/2017	73 Months	\$20,264.42	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
152054	Thermo	PARITSOL PLUS SAMPLER 2025I-AV	0090007	2025IW11921704	5/9/2017	72 Months	\$18,201.88	Good	Active
152395	Teledyne	MASS MONITOR T640 PM	1171002	182	6/13/2017	71 Months	\$23,307.40	Good	Active
152396	Teledyne	MASS MONITOR T640 PM	710005	183	6/13/2017	71 Months	\$23,307.40	Good	Active
152397	Teledyne	MASS MONITOR T640 PM	1275002	184	6/13/2017	71 Months	\$23,307.40	Good	Active
152398	Teledyne	MASS MONITOR T640 PM	0730012	185	6/13/2017	71 Months	\$23,307.40	Good	Active
152399	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	186	6/13/2017	71 Months	\$23,799.20	Good	Active
152472	Teledyne	T300U CO ANALY 2 PK	1290001	SN378	7/11/2017	70 Months	\$13,181.50	Good	Active
152514	Thermo	1405 AVF TEOM	MRAS Shop D101A	1405A239561706	7/14/2017	70 Months	\$20,264.42	Good	Active
152515	Thermo	1405 AVF TEOM	1275002	1405A239571706	7/14/2017	70 Months	\$20,264.42	Good	Active
152516	Thermo	1405 AVF TEOM	1171002	1405A239551706	7/14/2017	70 Months	\$20,264.42	Good	Active
152604	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	710005	717	7/25/2017	69 Months	\$6,840.00	Good	Active
152605	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	718	7/25/2017	69 Months	\$6,840.00	Good	Active
152606	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	719	7/25/2017	69 Months	\$6,840.00	Good	Active
152607	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1056006	720	7/25/2017	69 Months	\$6,840.00	Good	Active
152608	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1275002	721	7/25/2017	69 Months	\$6,840.00	Good	Active
152635	Teledyne	T100U ANALYZER	1290001	278	7/27/2017	69 Months	\$12,686.50	Good	Active
152636	Teledyne	T200U ANALYZER	1290001	334	7/27/2017	69 Months	\$22,831.50	Good	Active
153217	Thermo	1405 AVF TEOM	0210004	1405A240341711	11/14/2017	66 Months	\$20,264.42	Good	Active
153218	Thermo	1405 AVF TEOM	710005	1405A240351711	11/14/2017	66 Months	\$20,264.42	Good	Active
153345	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	281	11/28/2017	65 Months	\$23,307.40	Good	Active
153346	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	282	11/28/2017	65 Months	\$23,307.40	Good	Active
153347	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	283	11/28/2017	65 Months	\$23,307.40	Good	Active
153348	Teledyne	MASS MONITOR T640 PM	1056006	284	11/28/2017	65 Months	\$23,307.40	Good	Active
153384	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B1071008	777	2/19/2018	63 Months	\$6,795.00	Good	Active
153385	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101)	775	2/19/2018	63 Months	\$6,795.00	Good	Active
153386	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830003	776	2/19/2018	63 Months	\$6,795.00	Good	Active
153387	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0170006	769	2/19/2018	63 Months	\$6,795.00	Good	Active
153388	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830004	770	2/19/2018	63 Months	\$6,795.00	Good	Active
153389	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0013012	771	2/19/2018	63 Months	\$6,795.00	Good	Active
153390	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0330018	772	2/19/2018	63 Months	\$6,795.00	Good	Active
153391	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0050006	773	2/19/2018	63 Months	\$6,795.00	Good	Active
153392	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A1130015	774	2/19/2018	63 Months	\$6,795.00	Good	Active
153393	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0590004	778	2/19/2018	63 Months	\$6,795.00	Good	Active
154057	PolyScience	RFG Circulating Water Bath.	(Standards Lab Room B105)	1803-02276	5/3/2018	60 Months	\$2,441.65	Good	Active
154059	Thermo	1405 AVF TEOM	A0050006	1405A240911803	5/4/2018	60 Months	\$20,565.75	Good	Active
154510	Teledyne	API T 640X	(MRAS Shop D101)	438	5/18/2018	60 Months	\$35,000.00	Good	Active
154511	Teledyne	API T 640X	C1275002	437	5/18/2018	60 Months	\$35,000.00	Good	Active
154567	Teledyne	API 751H	(Standards Lab Room B105)	239	6/27/2019	46 Months	\$7,850.00	Good	Active
154568	Teledyne	API 751H	(Standards Lab Room B105)	240	6/27/2019	46 Months	\$7,850.00	Good	Active
154569	Teledyne	API 751H	(Standards Lab Room B105)	241	6/27/2019	46 Months	\$7,850.00	Good	Active
154570	Teledyne	API 751H	(Standards Lab Room B105)	242	6/27/2019	46 Months	\$7,850.00	Good	Active
155232	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000191	11/6/2018	54 Months	\$1,874.50	Good	Active
155233	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000193	11/6/2018	54 Months	\$1,874.50	Good	Active
155234	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000143	11/6/2018	54 Months	\$1,874.50	Good	Active
155235	Nova-Lynx	BAROMETER	(First Coast)	1742000144	11/6/2018	54 Months	\$1,874.50	Good	Active
155236	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000145	11/6/2018	54 Months	\$1,874.50	Good	Active
155250	Teledyne	T750U Calibration	(Standards Lab Room B105)	152	11/1/2018	54 Months	\$23,137.50	Good	Active
155264	Met One	AIO2 All In one Sensor	G0730012	X10698	11/20/2018	53 Months	\$2,245.50	Good	Active
155265	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25001	11/20/2018	53 Months	\$2,245.50	Good	Active
155266	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25002	11/20/2018	53 Months	\$2,245.50	Good	Active
155267	Met One	AIO2 All In one Sensor	G1290001	X25003	11/20/2018	53 Months	\$2,245.50	Good	Active
155366	BGI	Flow Reference	(Space Coast)	166082	11/27/2018	53 Months	\$2,725.50	Good	Active
155367	BGI	Flow Reference	(MRAS Shop D101)	166083	11/27/2018	53 Months	\$2,725.50	Good	Active
155368	BGI	Flow Reference	(MRAS Shop D101)	166084	11/27/2018	53 Months	\$2,725.50	Good	Active
155369	BGI	Flow Reference	(MRAS Shop D101)	166229	11/27/2018	53 Months	\$2,725.50	Good	Active
155370	BGI	Flow Reference	(MRAS Shop D101)	166230	11/27/2018	53 Months	\$2,725.50	Good	Active
155371	BGI	Flow Reference	(MRAS Shop D101)	166231	11/27/2018	53 Months	\$2,725.50	Good	Active
155372	BGI	Flow Reference	(MRAS Shop D101)	166232	11/27/2018	53 Months	\$2,725.50	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
155373	BGI	Flow Reference	(Forgotten Coast)	166233	11/27/2018	53 Months	\$2,725.50	Good	Active
155374	BGI	Flow Reference	(MRAS Shop D101)	166234	11/27/2018	53 Months	\$2,725.50	Good	Active
155375	BGI	Flow Reference	(MRAS Shop D101)	166235	11/27/2018	53 Months	\$2,725.50	Good	Active
155460	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	865	2/21/2019	50 Months	\$8,550.00	Good	Active
155461	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	866	2/21/2019	50 Months	\$8,550.00	Good	Active
155462	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	867	2/21/2019	50 Months	\$8,550.00	Good	Active
155463	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	868	2/21/2019	50 Months	\$8,550.00	Good	Active
155469	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	874	2/21/2019	50 Months	\$8,550.00	Good	Active
155465	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	870	2/21/2019	50 Months	\$8,550.00	Good	Active
155466	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	871	2/21/2019	50 Months	\$8,550.00	Good	Active
155467	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	872	2/21/2019	50 Months	\$8,550.00	Good	Active
155464	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	869	2/21/2019	50 Months	\$8,550.00	Good	Active
155468	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	873	2/21/2019	50 Months	\$8,550.00	Good	Active
155517	Thermo	146IQ Dynamic Gas Calibrator	(MRAS Shop D101B)	1182980003	2/28/2019	50 Months	\$21,107.73	Good	Active
156180	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	1918000073	4/18/2019	48 Months	\$1,630.00	Good	Active
156189	Mesa Labs	ML-800 Base	(Standards Lab Room B105)	172051	5/21/2019	47 Months	\$6,800.00	Good	Active
156190	Mesa Labs	ML-800 High Cell	(Standards Lab Room B105)	170560	5/21/2019	47 Months	\$11,000.00	Good	Active
156191	Mesa Labs	ML-800 Medium Cell	(Standards Lab Room B105)	171983	5/21/2019	47 Months	\$11,000.00	Good	Active
156192	Mesa Labs	ML-800 Low Cell	(Standards Lab Room B105)	170275	5/21/2019	47 Months	\$11,000.00	Good	Active
156193	Mesa Labs	ML-800 Ultra Low Cell	(Standards Lab Room B105)	170812	5/21/2019	47 Months	\$18,500.00	Good	Active
156234	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	1918000074	4/18/2019	48 Months	\$1,630.00	Good	Active
156235	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	1918000075	4/18/2019	48 Months	\$1,630.00	Good	Active
156236	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	1921000073	4/18/2019	48 Months	\$1,630.00	Good	Active
156237	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	1921000074	4/18/2019	48 Months	\$1,630.00	Good	Active
156540	Teledyne	API T 640X	C1275002	713	6/28/2019	46 Months	\$37,022.00	Good	Active
156542	Teledyne	API 751H	(Standards Lab Room B105)	303	6/27/2019	46 Months	\$7,850.00	Good	Active
156596	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0550003	0914	7/8/2019	46 Months	\$7,695.00	Good	Active
156597	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1012001	0915	7/8/2019	46 Months	\$7,695.00	Good	Active
156598	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0713002	0916	7/8/2019	46 Months	\$7,695.00	Good	Active
156599	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0810028	0917	7/8/2019	46 Months	\$7,695.00	Good	Active
156600	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0712002	0918	7/8/2019	46 Months	\$7,695.00	Good	Active
156601	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0210004	0919	7/8/2019	46 Months	\$7,695.00	Good	Active
156602	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1056005	0920	7/8/2019	46 Months	\$7,695.00	Good	Active
156603	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0094001	0921	7/8/2019	46 Months	\$7,695.00	Good	Active
156628	EKTO	Teom Outdoor Shelter	MRAS Shop D101A	3695-7	5/25/2006	205 Month	\$5,875.00	Good	Active
157220	BGI	Flow Reference	(Standards Lab Room B105)	174721	12/4/2019	41 Months	\$2,806.00	Good	Active
157221	BGI	Flow Reference	(Standards Lab Room B105)	175818	12/4/2019	41 Months	\$2,806.00	Good	Active
157222	BGI	Flow Reference	(Standards Lab Room B105)	175819	12/4/2019	41 Months	\$2,806.00	Good	Active
157223	BGI	Flow Reference	(Standards Lab Room B105)	175820	12/4/2019	41 Months	\$2,806.00	Good	Active
157224	BGI	Flow Reference	(Standards Lab Room B105)	175821	12/4/2019	41 Months	\$2,806.00	Good	Active
157450	Thermo	49IQ UV Photometric Ozone (O3) Analyzer	MRAS Shop D101	1200937048	5/1/2020	36 Months	\$10,802.98	Good	Active
157604	Mesa Labs	Mesa Labs 800-B	(Standards Lab Room B105)	178446	5/11/2020	35 Months	\$7,192.00	Good	Active
157605	Mesa Labs	Mesa Labs 800-10	(Standards Lab Room B105)	174973	5/11/2020	35 Months	\$11,220.00	Good	Active
157606	Mesa Labs	Mesa Labs 800-24	(Standards Lab Room B105)	176851	5/11/2020	35 Months	\$11,220.00	Good	Active
157607	Mesa Labs	Mesa Labs 800-44	(Standards Lab Room B105)	175786	5/11/2020	35 Months	\$11,220.00	Good	Active
157673	Nova-Lynx	BAROMETER	Emerald Coast	1931000075	5/1/2020	36 Months	\$1,855.76	Good	Active
157679	Nova-Lynx	BAROMETER	Emerald Coast	1931000076	5/1/2020	36 Months	\$1,855.76	Good	Active
157942	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101	1032	4/20/2020	36 Months	\$7,737.00	Good	Active
157943	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0350004	1033	4/20/2020	36 Months	\$7,737.00	Good	Active
157944	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0350004	1034	4/20/2020	36 Months	\$7,737.00	Good	Active
157945	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0712002	1035	4/20/2020	36 Months	\$7,737.00	Good	Active
157946	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0710005	1036	4/20/2020	36 Months	\$7,737.00	Good	Active
157985	Teledyne	API T 640	B0013012	1045	10/5/2020	31 Months	\$22,595.00	Good	Active
158726	Teledyne	API T 640X	E0710005	1213	3/13/2021	25 Months	\$35,000.00	Good	Active
159688	Teledyne	API T700	(Standards Lab Room B105)	5269	12/15/2021	16 Months	\$12,510.00	Good	Active
159689	Teledyne	API T700	(Standards Lab Room B105)	5270	12/15/2021	16 Months	\$12,510.00	Good	Active
159769	Teledyne	API T750U	OAM QA Mary Clark	198	9/22/2022	7 Months	\$23,220.00	Good	Active
160028	Teledyne	API T 640x	E0710005	1431	9/22/2022	7 Months	\$41,300.00	Good	Active

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
160029	Teledyne	API T 640x	A0330004	1429	9/22/2022	7 Months	\$41,300.00	Good	Active
160926	Thermo	49IQ	MRAS Shop D101	12228020903	11/8/2022	5 Months	\$17,362.76	Good	Active
160927	Thermo	49IQ	MRAS Shop D101	12228020904	11/8/2022	5 Months	\$17,362.76	Good	Active
160928	Thermo	49IQ	MRAS Shop D101	12228020905	11/8/2022	5 Months	\$17,362.76	Good	Active
160929	Thermo	49IQ	MRAS Shop D101	12228020906	11/8/2022	5 Months	\$17,362.76	Good	Active
161177	Teledyne	API T 640	MRAS Shop D101	1598	1/3/2023	3 Months	\$25,400.00	Good	Active
161178	Teledyne	API T 640x	MRAS Shop D101	1599	1/3/2023	3 Months	\$43,050.00	Good	Active
161179	Teledyne	API T700	MRAS Shop D101	5498	1/3/2023	3 Months	\$14,903.20	Good	Active
161180	Teledyne	API T700	MRAS Shop D101	5499	1/3/2023	3 Months	\$14,903.20	Good	Active
161181	Teledyne	API T750U	(Standards Lab Room B105)	214	1/13/2023	3 Months	\$23,420.00	Good	Active
BL605005	Wells Cargo	AIR MONITORING SHELTER 4833	0972002	1WC200J19Y3043548	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605007	Wells Cargo	AIR MONITORING SHELTER 4828	0210004	1WC200J17Y3043550	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605008	Wells Cargo	AIR MONITORING SHELTER 4829	0230002	1WC200J10Y3043552	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605009	Wells Cargo	AIR MONITORING SHELTER 4830	0690002	1WC200J13Y3043445	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605010	Wells Cargo	AIR MONITORING SHELTER 4831	0910002	1WC200J19Y3043551	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605011	Wells Cargo	AIR MONITORING SHELTER 4832	0050006	1WC200J14Y3043554	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605012	Wells Cargo	AIR MONITORING SHELTER 4834	1010005	1WC200J10Y3043549	10/4/2000	22 Years	\$9,094.40	Good	Active
BL605014	Wells Cargo	AIR MONITORING SHELTER 4845	0550003		10/4/2000	22 Years	\$9,094.40	Good	Active
BL605016	Wells Cargo	AIR MONITORING SHELTER	0830004		10/4/2000	22 Years	\$9,094.40	Good	Active
BL605019	Wells Cargo	AIR MONITORING SHELTER 4955	1071008	1P9BW1227BM65228	10/4/2000	22 Years	\$9,094.40	Good	Active
ER017411	Teledyne	LINEAR MASS FLOWMETER/TRANSDUCER	Standards Lab Room B105	0-13344	5/31/1983	39 Years	\$1,281.35	Good	Active
ER022570	N/A	HETOCAL TEMPERATURE CALIBRATION	Standards Lab Room B105	MODEL KB22-2	11/15/1985	37 Years	\$5,860.00	Good	Active
ER026441	Aluma Tower	MET TOWER	1275002	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER029230	Teledyne	HASTINGS POWER SUPPLY MDL. 400	Standards Lab Room B105	168	3/8/1991	32 Years	\$3,187.66	Good	Active
ER030277	Wells Cargo	91 WELLS CRGO 8'X20' TRL	1272001	1WC200J19M302212	10/2/1991	31 Years	9/10/1924	Good	Active
ER030279	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24125	710005	1WC200J12M302212	10/2/1991	31 Years	9/10/1924	Good	Active
ER030280	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24127	1012001	1WC200J19M302213	10/2/1991	31 Years	\$9,020.00	Good	Active
ER030281	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24126	1056006	1WC200J1CM302213	10/2/1991	31 Years	\$9,020.00	Good	Active
ER031033	Aluma Tower	MET TOWER	0972002	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER031034	Aluma Tower	MET TOWER	1272001	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER031035	Aluma Tower	MET TOWER	0210004	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER031036	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/T	1056006	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER031037	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/T	1012001	N/A	11/21/1991	31 Years	\$1,148.00	Good	Active
ER031217	Wells Cargo	'92 WELLS CARGO TRAILER TAG#24129	1056005	1WC200J12N3022729	1/31/1992	31 Years	\$8,991.03	Good	Active
ER031305	Wells Cargo	'92 WELLS CARGO TRAILER TAG#23938	0830003	1WC200J1XN302297	3/26/1992	31 Years	\$8,791.02	Good	Active
ER032844	N/A	MASS FLOW METER	Standards Lab Room B105	13142/18003	1/25/1993	30 Years	\$1,723.45	Good	Active
EPA Supplied	Aluma Tower	Aluma Tower T-13512	1290001	214005.Z.2-3	7/3/2014	8 Years	\$0.00	Good	Active
EPA Supplied	Teledyne	Teledyne API T700U	1290001	203	7/3/2014	8 Years	\$0.00	Good	Active
EPA Supplied	CAS 9003	CAS 9003 Series Shelter standalone ambient air	1290001	4072	7/3/2014	8 Years	\$0.00	Good	Active
EPA Supplied	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	470015	236	7/3/2014	8 Years	\$0.00	Good	Active
EPA Supplied	Thermo	R&P 2025 Sampler (EPA purchased, no DEP #)	1056006	2025A203949806	6/1/1998	24 Years	\$0.00	Good	Active



Hillsborough County Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
180381	Thermo 5014i	Continuous PM2.5 Beta	Sydney	CM20288001	9/19/2020		\$ 25,404.00	Good	Stand-by
176266	Agilair 8872	Data Logger	Sydney	946	9/25/2019		\$ 9,735.00	Good	Stand-by
159671	Thermo 42i-Y	NO-DIF-NOY Analyzer	Sydney	1417162075	9/21/2014		\$ 25,756.36		Stand-by
180878	Thermo 48iQ-TLE	Carbon Monoxide Analyzer	Sydney	1201717981	9/19/2020		\$ 20,646.39	Good	Active
161613	URG 3000N	Carbon Sampling System	Sydney	B1164	3/3/2015		\$ 13,026.77	Good	Active
	ERG Carbonyl Sampler	Carbonyl Sampling System	Sydney	C-18	Rotating			Good	Active
157300	Agilair 8832	Data Logger	Sydney	A4645K	5/31/2013		\$ 9,690.00	Good	Active
157306	Teledyne-API T700U	Multi-gas Dillution Calibrator	Sydney	612/301	5/22/2013		\$ 16,178.80	Good	Active
169938	Thermo 49i	Ozone Analyzer	Sydney	1171160008	5/11/2017		\$ 11,640.00	Good	Active
162634	Thermo 49i PS	Ozone Calibrator	Sydney	1151660005	7/1/2015		12,587.00	Good	Active
55972	General Metals PM10	Particulate Size Selective Inlet	Sydney	593	10/5/1988		\$ 1,980.00	Good	Active
87043	General Metals PM10	Particulate Size Selective Inlet	Sydney	597	10/5/1988		\$ 1,980.00	Good	Active
0169326	Thermo 2025i	Partisol Sampler PM10/PM2.5	Sydney	2025IW2 1164 1703	3/23/2017		\$ 18,430.75	Good	Active
0169293	Thermo 2025i	Partisol Sampler PM10/PM2.5	Sydney	2025IW2 1163 1703	3/23/2017		\$ 20,148.56	Good	Active
0169325	Thermo 2025i	Partisol Sampler PM10/PM2.5	Sydney	2025IW2 1151 1702	3/23/2017		\$ 20,148.56	Good	Active
	Tisch TE-1000	PUF Air Sampler	Sydney	11038				Good	Active
	Graseby TE-1000	PUF Air Sampler	Sydney	NA				Good	Active
150562	Thermo 43iTLE	SO2 Analyzer Trace	Sydney	0910735777	4/21/2009		\$ 11,448.30	Good	Active
175104	Thermo 43iQTLE	SO2 Analyzer Trace	Sydney	1191032525	5/31/2019		\$ 20,030.02	Good	Stand-by
	Met One SASS	Speciation Aerosol Sampling System	Sydney	U21047	1/13/2005			Good	Active
	DIY	Zero Air System	Sydney	NA					
	T701H	Zero Air System	Sydney	1037	9/22/2022		8,117.43	Good	Active
	8872	Data Logger	Simmons Park	1278	9/30/2022		7,457.35	Good	Active
142735	Thermo 49i	Ozone Analyzer	Simmons Park	0717722870	7/20/2007		\$ 7,092.77	Good	Active
139231	Thermo 49i PS	Ozone Calibrator	Simmons Park	0619417393	6/29/2006		\$ 9,567.50	Good	Active
	DIY	Zero Air System	Simmons Park	NA	2/21/2020			Good	Active
EPC3783	Tisch TE-1000	High Volume Sampler	Patent	VFC P7807	6/3/2010			Good	Active
157307	Teledyne T300U	Carbon Monoxide Trace level	Munro Street	124	5/22/2013		\$ 12,578.10	Good	Stand-by
175878	Teledyne-API T640	Continuous PM2.5	Munro Street	658	4/5/2019		\$ 24,053.00	Good	Stand-by
157306	Teledyne-API T700U	Multi-gas Dillution Calibrator	Munro Street	525	8/21/2019		\$ 23,503.30	Good	Stand-by
157303	M651	Ultrafine Particle Counter	Munro Street	M651130402	5/22/2013		\$ 24,399.50	Good	Stand-by
180376	Magee Scientific AE-33	Aethalometer	Munro Street	AE33-S08-01061	9/19/2020		\$ 26,032.50	Good	Active
	8872	Data Logger	Munro Street	1274	9/30/2022		7,457.35	Good	Active
180673	Teledyne-API T200UP	Nitrogen Dioxide Analyzer Trace Level	Munro Street	160	9/28/2020		\$ 22,474.20	Good	Active
	Tisch TE-1000	High Volume Sampler	Kenly	VFC P7539	6/3/2010			Good	Active
177914	Thermo 1405	TEOM PM Monitor	Gardinier Park	1405A246292003	4/9/2020		\$ 22,076.70	Good	Stand-by
118149	Agilair 8832	Data Logger	Gardinier Park	A4030K	9/6/2001		\$ 6,080.00	Good	Active
105564	Agilair 8832	Data Logger	Gandy	A3123K	10/15/1997		\$ 2,250.00	Good	Active
162633	Thermo 49i	Ozone Analyzer	Gandy	1151660004	7/1/2015		\$ 9,139.00	Good	Stand-by
139231	Thermo 49i PS	Ozone Calibrator	Gandy	0717722871	7/20/2007		\$ 9,583.68	Good	in maintenance
172238	Thermo 1405	TEOM PM Monitor	Gandy	1405A240991803	4/9/2018		\$ 20,565.75	Good	Active
	DIY	Zero Air System	Gandy	NA				Good	Active
	8872	Data Logger	East Bay	1276	9/30/2022		7,457.35	Good	Active
169936	Thermo 146i	Dynamic Gas Calibrator	East Bay	1171160009	6/15/2017		13,580.59	Good	Active
162635	Thermo 43i	Sulfur Dioxide Analyzer	East Bay	1151630005	6/30/2015		\$ 11,905.40	Good	Active
173298	Teledyne-API T701	Zero Air System	East Bay	1250	7/31/2018		\$ 4,365.00	Good	Active
0173579	Thermo 49IQ-PS	Ozone Calibrator	DEP	1181870060	9/17/2018		\$ 16,684.75	Good	Active
	8872	Data Logger	Davis Island	1275	9/30/2022		7,457.35	Good	Active
162037	Thermo 146i	Dynamic Gas Calibrator	Davis Island	1150560039	3/12/2015		\$ 13,000.00	Good	Active
159672	Thermo 49i	Ozone Analyzer	Davis Island	1417062039	6/19/2014			Good	Active
	Thermo 49iQ PS	Ozone Calibrator	Davis Island	1201717982	9/19/2020		\$ 18,421.00	Good	Active
169937	Thermo 49iPS	Ozone Calibrator	Davis Island	1171160007	6/15/2017		\$ 15,400.00	Good	Stand-by

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
164239	Thermo 1405	TEOM PM Monitor	Davis Island	1405A233691512	4/30/2016		\$ 19,162.26	Good	Active
	DIY	Zero Air System	Davis Island	NA				Good	Active
	Agilaire 8832	Data Logger	CSX Railyard	A3125K					
	Tisch TE-1000	High Volume Sampler	CSX Railyard	VFC P7639	8/12/2010			Good	Active
	Tisch TE-1000	High Volume Sampler	CSX Railyard	VFC P7669	8/12/2010			Good	Active
	8872	Data Logger	Apollo Bch	1277	9/30/2022		7,457.35	Good	Active
162036	Thermo 146i	Dynamic Gas Calibrator	Apollo Bch	1150560040	3/11/2015		\$ 11,000.00	Good	Active
163503	Thermo 43i	Sulfur Dioxide Analyzer	Apollo Bch	1151660006	10/31/2015		\$ 11,905.40	Good	Active
172237	Thermo 1405	TEOM PM Monitor	Apollo Bch	1405A241001803	4/9/2018		\$ 20,565.75	Good	Active
157344	Teledyne T701	Zero Air System	Apollo Bch	4536	6/12/2013		\$ 3,645.00	Good	Stand-by
157304	Teledyne 633	Aethalometer	AMD Lab	AE33-S01-0093	5/22/2013		\$ 20,292.80	Good	Stand-by
153251	Met One BAM1020	Beta Gauge System	AMD Lab	K18874	11/29/2010		\$ 16,612.50	Good	Stand-by
153252	Met One BAM1020	Beta Gauge System	AMD Lab	K18875	11/29/2010		\$ 16,612.50	Good	Stand-by
181901	T700U	Calibrator	AMD Lab	070710000:748	8/16/2022		26,988.20	Good	Stand-by
	URG 3000N	Carbon Sampling System	AMD Lab	3N-B0502				Good	Stand-by
176252	Teledyne T300U	CO Analyzer	AMD Lab	70310000473	9/17/2019		\$ 14,661.80	Good	Stand-by
158964	Thermo 5014i	Continuous PM2.5 Beta	AMD Lab	CM13181009	8/19/2014		\$ 19,183.60	Good	Stand-by
105560	Agilaire 8832	Data Logger	AMD Lab	A4032K	10/15/1997		\$ 2,250.00	Good	Stand-by
131962	ESC 8816	Data Logger	AMD Lab	5025	11/13/2003		\$ 6,255.00	Good	Stand-by
105558	Agilaire 8832	Data Logger	AMD Lab	A3193K	10/15/1997		\$ 2,250.00	Good	Stand-by
105566	Agilaire 8832	Data Logger	AMD Lab	A4031K	10/15/1997		\$ 2,250.00	Good	Active
176265	Agilaire 8872	Data Logger	AMD Lab	945	9/25/2019		\$ 9,735.00	Good	Stand-by
162688	Agilaire 8872	Data Logger	AMD Lab	478	9/3/2015		\$ 9,000.00	Good	Stand-by
130566	Thermo 146C	Dynamic Gas Calibrator	AMD Lab	0401304577	1/29/2004		\$ 8,805.00	Good	Stand-by
155475	Teledyne T200	Nitrogen Dioxide Analyzer Trace Level	AMD Lab	334	5/9/2012		\$ 10,264.50	Good	Stand-by
157308	Teledyne-API T200UP	Nitrogen Dioxide Analyzer Trace Level	AMD Lab	75	5/22/2013		\$ 28,977.80	Good	Stand-by
0173578	Thermo 49IQ	Ozone Analyzer	AMD Lab	1181870059	8/18/2018		\$ 12,838.68	Good	Active
139230	Thermo 49i	Ozone Analyzer	AMD Lab	0619417392	6/29/2006		\$ 7,077.00	Good	Stand-by
180380	Thermo 49iQ	Ozone Analyzer	AMD Lab	1201717980	9/19/2020		\$ 14,872.82	Good	Stand-by
0173579	Thermo 49IQ-PS	Ozone Calibrator	AMD Lab	1201717982	9/17/2018		\$ 16,684.75	Good	Stand-by
159673	Thermo 49iPS	Ozone Calibrator	AMD Lab	1417062040	9/21/2014		13,473.06	Good	Stand-by
	Thermo 2025i	Particulate Sequential Sampler	AMD Lab	2025IW216402211	9/21/2022		20,731.55	Good	Stand-by
	Thermo 2025i	Partisol Sampler	AMD Lab	2025i20611201	3/12/2012			Good	Stand-by
135869	Thermo 43CTLE	SO2 Analyzer Trace	AMD Lab	0509111179	6/30/2005		\$ 11,980.00	Good	Stand-by
	Met One SASS	Speciation Aerosol Sampling System	AMD Lab	A4559					Stand-by
159674	Thermo 43i	Sulfur Dioxide Analyzer	AMD Lab	JC1411401168	9/21/2014		\$ 11,905.40	Good	Stand-by
174874	Teledyne-API	Zero Air System	AMD Lab	481	2/29/2016	4	\$ 4,385.00	Good	Active
162087	Teledyne-API 701H	Zero Air System	AMD Lab	114	5/11/2015		\$ 7,110.00	Good	Active
174874	Teledyne-API 701	Zero Air System	AMD Lab	1612	2/29/2016		\$ 4,385.00	Good	Stand-by
1577305	Teledyne-API 701H	Zero Air System	AMD Lab	678	5/29/2015		\$ 7,283.30	Good	Stand-by
161072	Thermo 1405	TEOM PM Monitor	AMD Lab	1405A229161408	12/31/2004		\$ 17,290.00	Good	Active
175878	Teledyne-API T640	Continuous PM2.5	AMD Lab	744	8/21/2019		\$ 24,053.00	Good	Active
157299	Agilaire 8832	Data Logger	AMD Lab	A4646K	5/31/2013		\$ 9,690.00	Good	Active
155474	Teledyne-API T700U	Dynamic Gas Calibrator	AMD Lab	295/268	5/9/2012		\$ 12,775.61	Good	Active
		Ultrafine Particle Counter	AMD Lab	3783205001	1/28/2021		\$ 30,145.00	Good	Active
131960	Agilaire 8832	Data Logger	AMD Lab	A3124K	11/13/2003		\$ 5,000.00	Good	Active
164406	Thermo 48i TLE	Carbon Monoxide Trace level	AMD Lab	1160990209	7/25/2016		\$ 17,149.70	Good	Active
158964	Thermo 5014i	Continuous PM2.5 Beta	AMD Lab	13381008	8/19/2014		\$ 19,183.60	Good	Active
177915	Thermo 42i-Y	NO-DIF-NOY Analyzer	AMD Lab	1200416205	4/10/2020		\$ 32,170.60	Good	Active
162086	Teledyne-API 701H	Zero Air System	AMD Lab	115	5/11/2015		\$ 7,110.00	Good	Active
	146iQ	Multi-gas Dillution Calibrator			9/21/2022		17,209.48		

City of Jacksonville Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
186859	N/A	Air Compressor	Lab	N/A	2009	14	1225.17	Fair	Backup
2002640	42i - Nox	Analyzer	Pepsi Place	1170310010	2017	6	13578	Good	Active
2002645	42i - Nox	Analyzer	Kooker Park	1170310009	2017	6	13578	Good	Active
188994	42i - Nox	Analyzer	Lab	0817630890	2010	13	11304.56	Fair	Backup
195337	42i - Nox	Analyzer	Lab	1327059041	2014	9	15060.61	Poor	Parts
172824	43C - SO2	Analyzer	Lab	0421007303	2004	19	8460	Poor	Parts
175613	43C - SO2	Analyzer	Lab	0436610194	N/A	N/A	N/A	Fair	Parts
184697	43C - SO2	Analyzer	Lab	43C-75636-380	N/A	N/A	N/A	Fair	Parts
2002641	43i - SO2	Analyzer	Kooker Park	1170310008	2017	6	11889	Good	Active
180789	43i - SO2	Analyzer	Lab	611616471	2006	17	N/A	Poor	Inactive
176660	43i - SO2	Analyzer	Lab	0520811801	N/A	N/A	N/A	Poor	Inactive
179549	43i - SO2	Analyzer	Lab	0600914730	N/A	N/A	N/A	Poor	Inactive
193321	43i - SO2	Analyzer	Lab	1225154501	2012	11	10967.50	Poor	Inactive
197214	43i - SO2	Analyzer	Lab	1436363426	2014	9	12457.00	Poor	Inactive
2002637	43i - SO2	Analyzer	Lab	1170310006	2017	6	11889	Fair	Parts
2002642	43i-SO2	Analyzer	Roselle & Copeland	1170310007	2017	6	11889	Good	Backup
167934	48C - CO	Analyzer	Lab	48C-67479-356	2001	22	8559	Fair	Inactive
167932	48C - CO	Analyzer	Lab	48C-67941-356	2001	22	8559	Fair	Inactive
167935	48C - CO	Analyzer	Lab	48C-67941-359	2001	22	8559.00	Poor	Inactive
N/A	48C - CO trace	Analyzer	Lab	48CTL-67186-356	N/A	N/A	N/A	Fair	Inactive
195338	48i - CO	Analyzer	Lab	1308857434	2014	9	12467.00	Fair	Backup
180679	48i - CO	Analyzer	Lab	0611616470	N/A	N/A	N/A	Fair	Parts
193160	48i - CO	Analyzer	Lab	1216753230	2012	11	11061	Fair	Parts
197215	48i - CO	Analyzer	Lab	1436363425	2014	9	12467.00	Fair	Backup
199824	48i - CO	Analyzer	Lab	1160600006	2016	7	12785.75	Good	Backup
2002638	48i - CO	Analyzer	Pepsi Place	1170310013	2017	6	11223.3	Good	Active
2002644	48i - CO	Analyzer	Lab	1170310014	2017	6	11223.3	Good	Backup
174139	49C - O3	Analyzer	Lab	423707710	2004	19	6354.00	Fair	Parts
174138	49C - O3	Analyzer	Lab	0423707712	2004	19	6354.00	Fair	Parts
174133	49C - PS	Analyzer	Lab	0423707707	2004	19	8127.00	Fair	Parts
2002639	49i - ozone	Analyzer	Mayo	117310016	2017	N/A	8702.90	Good	Active
197158	49i - ozone	Analyzer	Cisco Dr	1430863374	2015	8	9640.00	Good	Active
180678	49i - ozone	Analyzer	Lab	0611616471	N/A	N/A	N/A	Good	Backup
186855	49i - ozone	Analyzer	Lab	CM09040077	2009	14	6978.40	Fair	Backup
186856	49i - ozone	Analyzer	Lab	CM09040078	2009	14	6978.40	Fair	Backup
186857	49i - PS ozone	Analyzer	Lab	0908935367	2009	14	9416.00	Good	Backup
2002647	49i - PS ozone	Analyzer	Mayo	1170480025	2017	6	11149.45	Good	Active
186858	49i - PS ozone	Analyzer	Cisco Dr	0908935366	2009	14	9416.00	Good	Active
197159	49i - PS ozone	Analyzer	Sheffield Elementry	1430863375	2015	8	12690	Good	Active
138481	49i - PS ozone	Analyzer	Lab	1225154500	2012	11	11233.50	Fair	Backup
106278	N/A	Balance	Lab	3411155	N/A	N/A	N/A	Poor	Obsolete
195340	6100	Calibrator	Lab	5736	2008	15	15876.3	Good	Active
189416	6100	Calibrator	Pepsi Place	4776	2010	13	8775.00	Good	Active
182786	6100	Calibrator	Pepsi Place	3887	N/A	N/A	N/A	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
184538	6100	Calibrator	Lab	4306	N/A	N/A	N/A	Fair	Backup
189417	6100	Calibrator	Lab	4775	2010	13	8775.00	Fair	Backup
197600	6100	Calibrator	Lab	6508	2015	8	8887.50	Fair	Backup
182787	6100	Calibrator	Lab	3886	N/A	N/A	N/A	Fair	Inactive
189416	6100	Calibrator	Lab	4776	2010	13	8775.00	Good	Backup
2002229	6100	Calibrator	Lab	7585	2017	6	8995.5	Good	Backup
184536	6100	Calibrator	Lab	4312	N/A	N/A	N/A	Fair	Backup
197599	6100	Calibrator	Lab	6509	2015	8	8887.50	Fair	Backup
2002228	6100	Calibrator	Kooker Park	7586	2017	6	8995.5	Good	Active
2002230	6100	Calibrator	Roselle & Copeland	7584	2017	6	8995.5	Good	Active
187085	6100	Calibrator	Lab	4491	2009	14	8775.00	Good	Backup
187084	6100	Calibrator	Lab	4490	2009	14	8775.00	Good	Backup
172646	Computer	Computer	Lab	KCBX2R7	2004	N/A	1216.07	Fair	Inactive
172648	Computer	Computer	Lab	KCTA57T	2004	N/A	1216.07	Fair	Inactive
N/A	Computer	Computer	Lab	4VGTVN1	N/A	N/A	N/A	Fair	Inactive
167681	Computer - Dell 1400	Computer	Cubicle	MT0Q01	2000	N/A	2307	Fair	Inactive
184695	Computer - Dell Latitude D630	Computer	Lab	BPVYZF1	N/A	N/A	N/A	Fair	Inactive
N/A	Computer - Dell OptiPlex	Computer	Lab	79NP1B1	N/A	N/A	N/A	Fair	Inactive
172512	Computer - IBM	Computer	Lab	KCRZ00A	N/A	N/A	N/A	Fair	Inactive
180783	Computer - Think Centre	Computer	Cubicle	LKKL5G	2006	N/A	1208.05	Fair	Inactive
172575	Computer IBM	Computer	Lab	KCRR74F	N/A	N/A	N/A	Fair	Inactive
N/A	Laptop - ThinkPad (Alvin)	Computer	Cubicle	R9-EBZK1	N/A	N/A	N/A	Fair	Inactive
184695	Laptop - ThinkPad PPL	Computer	Lab	BPVYZF1	N/A	N/A	N/A	Fair	Inactive
172513	Computer	Computer	Lab	KCRR91M	N/A	N/A	N/A	Fair	Inactive
162147	Computer - Dell XPS R400	Computer	Cubicle	GDKR0	1998	N/A	2401	Fair	Inactive
183820	8832	Data Logger	Lab	A1943	2004	19	N/A	Good	Inactive
172529	8832	Data Logger	Lab	A0541	2004	19	N/A	Good	Inactive
N/A	8832	Data Logger	Lab	A0538	2004	19	N/A	Good	Inactive
171778	8832	Data Logger	Lab	A0543	2004	19	N/A	Good	Inactive
183819	8832	Data Logger	Lab	A1942	2004	19	N/A	Good	Active
172525	8832	Data Logger	Lab	A0547	2004	19	N/A	Good	Inactive
195341	8832	Data Logger	Lab	A4688K	2014	9	N/A	Good	Inactive
172516	8832	Data Logger	Lab	A0540	N/A	N/A	N/A	Fair	Inactive
N/A	8832	Data Logger	Lab	A0542	N/A	N/A	N/A	Fair	Inactive
172526	8832	Data Logger	Lab	A0544	N/A	N/A	N/A	Fair	Inactive
172517	8832	Data Logger	Lab	A0545	N/A	N/A	N/A	Fair	Inactive
172518	8832	Data Logger	Lab	A0546	N/A	N/A	N/A	Fair	Inactive
172528	8832	Data Logger	Lab	A0549	N/A	N/A	N/A	Fair	Inactive
172527	8832	Data Logger	Lab	A0548	N/A	N/A	N/A	Fair	Inactive
172524	8832	Data Logger	Lab	A0587	N/A	N/A	N/A	Fair	Inactive
189681	8832	Data Logger	Lab	A3937K	2010	13	7745	Good	Inactive
189680	8832	Data Logger	Lab	A3936K	2010	13	7745	Good	Inactive
172522	8832	Data Logger	Lab	A0586	N/A	N/A	N/A	Good	Inactive
2007832	8872	Data Logger	Roselle & Copeland	8872_0842	2018	5	7911.22	Good	Active
2007839	8872	Data Logger	Sheffield Elementry	8872_0850	2018	5	7911.22	Good	Active
2007838	8872	Data Logger	Mandarin Rd	8872_0847	2018	5	7911.22	Good	Active

Appendix D: Ambient Air Monitoring Inventory 2023

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
2007834	8872	Data Logger	Mayo	8872_0851	2018	5	7911.22	Good	Active
2007831	8872	Data Logger	Pepsi Place	8872_0846	2018	5	7911.22	Good	Active
2007836	8872	Data Logger	Lab	8872_0849	2018	5	7911.22	Good	Backup
2007833	8872	Data Logger	Sheffield Elementry	8872_0844	2018	5	7911.22	Good	Active
2007835	8872	Data Logger	Cisco Dr	8872_0848	2018	5	7911.22	Good	Active
2007837	8872	Data Logger	Kooker Park	8872_0845	2018	5	7911.22	Good	Active
171778	Enclosure	Enclosure	Mayo	343G-10 (COJ# from inven)	N/A	N/A	N/A	Fair	Inactive
184118	Definer 220 H	flow standard	Lab	112786	2007	16	2040.99	Good	Backup
162935	Manometer	Manometer	Lab	11MN02	1999	24	1095	Fair	Backup
195344	Met Sensor	Met Sensor	Pepsi Place	N/A	2014	9	4636.52	Fair	Active
195347	Met Tower	Met Tower	Pepsi Place	AT213118Y82	2014	9	7082.14	Fair	Active
N/A	ThinkVision Monitor	Monitor	Kooker Park	8894881	N/A	N/A	N/A	Fair	Backup
125742	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Active
144535	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Inactive
144537	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Inactive
144536	Toxgard - CO Monitor	Monitor	Roselle & Copeland	N/A	N/A	N/A	N/A	Fair	Active
189418	O3 PS - 6103	O3 PS - 6103	Lab	4781	2010	13	10440	Fair	Backup
105038	Olfactometer	Olfactometer	File Room	N/A	N/A	N/A	N/A	Poor	Inactive
105039	Olfactometer	Olfactometer	File Room	N/A	N/A	N/A	N/A	Poor	Inactive
N/A	Opti Plex 780	Opti Plex 780	Lab	CCFVVN1	N/A	N/A	N/A	Fair	Active
167292	HP Laser Jet 2100	Printer	Lab	USGZ182467	N/A	N/A	N/A	Fair	Backup
164189	HP Laser Jet 2101	Printer	Lab	N/A	N/A	N/A	N/A	Fair	Backup
177084	HP Laser Jet 2430drn	Printer	Cubicle	N/A	N/A	N/A	N/A	Fair	Backup
195345	Computer Rack	Rack	Pepsi Place	N/A	2014	9	1808.09	Good	Active
195346	Computer Rack	Rack	Pepsi Place	N/A	2014	9	1808.09	Good	Active
183596	2025	Sampler	Lab	2025B219720706	2007	16	13505	Fair	Inactive
197212	2025i	Sampler	Lab	2025i206831409	2014	9	16361.25	Fair	Backup
197213	2025i	Sampler	Sunny Acres	2025i206911409	2014	9	16361.25	Good	Active
197211	2025i	Sampler	Sunny Acres	2025i206891409	2014	9	16361.25	Good	Active
197694	2025i	Sampler	Lab	2025iW20793150	2015	8	17050.77	Poor	Parts
197615	5014i	Sampler	Lab	CM14501004	2015	8	16880.00	Good	Inactive
195339	5014i	Sampler	Lab	CM13351001	2014	9	15213.66	Fair	Inactive
N/A	TE 1400A	Sampler	Lab	140AB267240705	N/A	N/A	N/A	Fair	Parts
188469	TE 1400ab	Sampler	Lab	140AB275771001	2010	13	18396.85	Fair	Parts
N/A	TE rp 1400A	Sampler	Lab	140AB267570706	N/A	N/A	N/A	Fair	Parts
171776	TEOM 1400	Sampler	Lab	140AB245080303	N/A	N/A	N/A	Fair	Parts
171777	TEOM 1400AB	Sampler	Lab	140AB245050303	N/A	N/A	N/A	Good	Inactive
197614	TEOM 1405	Sampler	Sheffield Elementry	1405A230661501	2015	8	17075.00	Good	Active
199821	TEOM 1405	Sampler	Lab	1405A235821603	2016	7	16890.13	Good	Backup
197613	TEOM 1405	Sampler	Lab	1405A230821502	2015	8	17075.00	Good	Inactive
N/A	Thermo 1405	Sampler	Lab	1405A241581808	N/A	N/A	N/A	Good	Backup
199822	TEOM 1405	Sampler PM10	Kooker Park	1405A235831603	2016	7	16890.13	Good	Active
199823	TEOM 1405	Sampler PM2.5	Kooker Park	1405A236021603	2016	7	16890.13	Good	Active
N/A	CAS Cargo Container	Shelter	Kooker Park	N/A	2018	5	85852.38	Good	Active



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
171440	Sonic Anemometer	Sonic Anemometer	Lab	294	2002	21	2445.74	Poor	Parts
171441	Sonic Anemometer	Sonic Anemometer	Lab	295	2002	21	2445.74	Poor	Parts
171442	Sonic Anemometer	Sonic Anemometer	Lab	296	2002	21	2445.74	Poor	Parts
116737	Supply Cabinet - metal	Supply Cabinet - metal	Lab	N/A	1988	35	1100.96	Fair	Active
2010486	Teledyne	T640	Pepsi Place	681	2019	4	23987.00	Good	Active
N/A	Teledyne	T640X	Mandarin Rd	725	2019	4	37194.00	Good	Active
168912	Trailer	Trailer	Sheffield Elementry	N/A	2001	22	4705.5	Poor	Active
144808	Trailer	Trailer	Mandarin Rd	N/A	1994	29	4643.20	Poor	Inactive
144809	Trailer	Trailer	Mandarin Rd	N/A	1994	29	4643.20	Poor	Active
153455	Trailer	Trailer	Mayo	N/A	1996	27	4793.2	Poor	Active
184190	Trailer	Trailer	Cisco Dr	N/A	2009	14	5191.10	Good	Active
195343	Trailer	Trailer	Pepsi Place	N/A	2014	9	66585.92	Good	Active
138480	Trailer	Trailer	Lab	N/A	1991	32	3697.90	Poor	Active
175935	Trailer	Trailer	Roselle & Copeland	N/A	2005	18	5755.00	Poor	Active
153454	Trailer	Trailer	Ft. Caroline	N/A	1996	27	4793.2	Poor	Inactive
65951	Dial-A-Volt	voltage supplyf	Lab	802	N/A	N/A	N/A	Good	Active
N/A	Dial-A-Volt	voltage supplyf	Lab	801	N/A	N/A	N/A	Good	Backup
186648	111	Zero Air Gen	Lab	907935555	2009	14	3334.17	Good	Backup
195342	701H	Zero Air Gen	Lab	753	2014	9	7672.32	Poor	Inactive
186647	TE 111	Zero Air Gen	Sheffield Elementry	907935554	2009	14	3334.17	Good	Active
2005522	Teledyne 701	Zero Air Gen	Pepsi Place	5931	2018	5	4756.75	Good	Active
2005521	Teledyne 701	Zero Air Gen	Lab	5933	2018	5	4756.75	Good	Backup
2005523	Teledyne 701	Zero Air Gen	Lab	5930	2018	5	4756.75	Good	Backup
2005524	Teledyne 701	Zero Air Gen	Kooker Park	5932	2018	5	4756.75	Good	Active
2002358	Teledyne 701	Zero Air Gen	Kooker Park	5975	2017	6	5236.22	Good	Active
2002360	Teledyne 701	Zero Air Gen	Lab	5874	2017	6	5236.22	Good	Backup
2002357	Teledyne 701	Zero Air Gen	Roselle & Copeland	5876	2017	6	5236.22	Good	Backup
2002359	Teledyne 701	Zero Air Gen	Lab	5877	2017	6	5236.22	Good	Backup
173297	IBM - ThinkPad	Computer	Lab	99-RZNFH	2003	20	2615.10	Fair	Inactive
N/A	111iQ	Zero Air Gen	Cisco Dr	CM19300264	2020	3	N/A	Good	Active
N/A	111iQ	Zero Air Gen	Mayo	CM19340289	2020	3	N/A	Good	Active
2012338	Teledyne T700U	Calibrator	Lab	539	2020	3	20080.00	Good	Backup
2012339	Teledyne T700U	Calibrator	Kooker Park	540	2020	3	20080.00	Good	Active
2012680	Teledyne T640	Sampler PM2.5	Lab	1042	2020	3	25118.00	Good	Backup
2015707	EKTO 868	Shelter	Sunny Acres	4923-1	2021	2	40595.00	Good	Active
2022030	Teledyne T700U	Calibrator	Lab	757	2022	1	22625	Good	Backup
2015725	Teledyne T500U	Sampler	Kooker Park	339	2021	2	17650	Good	Active
2014760	Teledyne T640	Sampler PM2.5	Sunny Acres	1217	2021	2	22449	Good	Active
2023517	Alicat FP-25	Flow Meter	Lab	397061	2022	1	3270	Good	Active

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status

Manatee County Inventory 2023								
Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
Thermo 49i PS	PS	Port	1311657726	2011	10	10417	Good	Active
Thermo 49i PS	PS	39th	1116648522	2011	10	10417	Good	Active
Thermo 49i PS	PS	Gt Bray	1023843898	2013	8	10417	Good	Active
2b Technologies 211	O3 monitor	Shop	40	2022	1	14000	Good	Spare
2b Technologies 211	O3 monitor	Port	41	2022	1	14000	Good	Active
2b Technologies 211	O3 monitor	Gt Bray	34	2020	1	14000	Good	Active
2b Technologies 202	O3 monitor	Office	903	2010	11	5000	Good	Backup
2b Technologies 202	O3 monitor	39th	1221	2012	9	5000	Good	Active
2b Technologies 202	O3 monitor	office	1092	2011	10	5000	Good	Backup
2b Technologies 202	O3 monitor	office	1094	2011	10	5000	Good	Backup
ESC Datalogger 8872 (w10)	Data logger	office	1013	2020	1	8285	Good	Active
ESC Datalogger 8872	Data logger	39th	8872_385	2014	7	7640	Good	Backup
ESC Datalogger 8872	Data logger	Gt Bray	8872_0796	2017	4	7640	Good	Active
ESC Datalogger 8872 (w10)	Data logger	Port	8872_0854	2018	3	7640	Good	Active
ESC Datalogger 8832	Data logger	Office	A4002K	2012	9	7640	Good	Backup
ESC Datalogger 8832	Data logger	office	A1583K	2006	15	7640	Good	Backup
ESC Datalogger 8832	Data logger	office	A3763k	2011	10	7640	Good	Backup
RM Young 85000	Anenometer	Port	N/A	2011	10	1390	Good	Active
RM Young 85000	Anenometer	Gt Bray	N/A	2011	10	1390	Good	Active
RM Young 85000	Anenometer	39th	N/A	2013	8	1390	Good	Active
Fluke 51 II	Thermometer	office	14390153	2010	11	270	Good	Active
Bios 220 Definer	flow sensor	office	135621	2014	7	2125	Good	Active
Fluke 715	voltage generator	office	2799124	2014	7	1200	Good	Active
Fluke 175	volt meter	office	41440651	2018	3	300	Good	Active
Fluke 175	volt meter	office	15880829	2011	10	300	Good	Active
Fluke 1623-2	Ground tester	office	St144506177E	2012	9	2700	Good	Active
Air Monitoring shelter	Shelter	Gt Bray	N/A	2016	5	24651	Good	Active
Air Monitoring shelter	Shelter	Port	N/A	2012	9	16275	Good	Active
Air Monitoring Trailer	Shelter	39th	N/A	1998	23	18335	Fair	Active
Gast 1HAB-11T-M100x	Zero Air	Gt Bray	N/A	2018	3	1082.05	Good	Active
Gast 1HAB-11T-M100x	Zero Air	Port	N/A	2018	3	1082.05	Good	Active
Gast 1HAB-11T-M100x	Zero Air	39th	N/A	2018	3	1082.05	Good	Active
Gast 1HAB-11T-M100x	Zero Air	Gt Bray	N/A	Unknown	unknown	1082.05	Fair	Backup
Gast 1HAB-11T-M100x	Zero Air	Port	N/A	Unknown	unknown	1082.05	Fair	Backup
Gast 1HAB-11T-M100x	Zero Air	39th	N/A	Unknown	unknown	1082.05	Fair	Backup
Gast 1HAB-11T-M100x	Zero Air	office	N/A	Unknown	unknown	1082.05	Fair	Backup
Omega 303AV	Shelter Tem	Port	60637	2018	3	330	Good	Active
Omega 303AV	Shelter Tem	39th	60640	2018	3	330	Good	Active
Omega 303AV	Shelter Tem	Gt Bray	60937	2018	3	330	Good	Active
LabComp ATX	Shelter temp	Gt Bray	182	Unknown	unknown	255	Fair	Backup
LabComp ATX	Shelter temp	Port	183	Unknown	unknown	255	Fair	Backup

Appendix D: Ambient Air Monitoring Inventory 2023

Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
LabComp ATX	Shelter temp	39th	189	Unknown	unknown	255	Fair	Backup
Extech AN400	Anemometer	Office	N/A	Unknown	unknown	189	Fair	Active
Glen Martin MF1331	Met Tower	Port	N/A	2016	5	5260	Good	Active
Glen Martin MF1331	Met Tower	Gt Bray	N/A	1998	23	5260	Fair	Active
Glen Martin MF1331	Met Tower	39th	N/A	1998	23	5260	Fair	Active
Omega HX93bv1-D	Temp Sensor	office	N/A	2015	6	255	Good	Backup
Omega HX93bv1-D	Temp Sensor	office	N/A	2013	8	255	Good	Backup
AIrLink MG90	Communications	Gt Bray	295717601	2020	1	1669	Good	Active
AIrLink GX400	Communications	39th	295705401	2020	1	1169	Good	Active
AIrLink GX400	Communications	Port	202733901	2020	1	1669	Good	Active
AIrLink GX400	Communications	Gt Bray	N/A	2012	9	1669	Good	Active
AIrLink GX400	Communications	Port	N/A	2012	9	750	Good	Active
AIrLink GX400	Communications	39th	N/A	2012	9	750	Good	Active
Various	Dehumidifier	39th	N/A	Unknown	unknown	230	fair	Active
Various	Dehumidifier	Port	N/A	Unknown	unknown	230	fair	Active
Various	Dehumidifier	Gt Bray	N/A	Unknown	unknown	230	fair	Active
RM Young	Rain gauge	39th	N/A	2019	2	600	fair	Active
RM Young	Rain gauge	Port	N/A	2019	2	600	fair	Active
RM Young	Rain gauge	Gt Bray	N/A	2019	2	600	fair	Active
Oakton 03316-72	barometer	Office	880891	2019	2	230	Broken	Active

Miami-Dade County Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
ID Requested	Thermo 1405	PM Analyzer	Kendall	1405A242751901	2/15/2019	0	\$20,680.00	Good	Active
655487	Thermo 1400A	PM Analyzer	Office	140AB246900307	7/18/2003	20	\$20,544.00	Good	Active
655488	Thermo 1400A	PM Analyzer	Homestead Fire Station	140AB246910307	7/18/2003	20	\$20,544.00	Good	Active
ID Requested	Thermo 2025i	PM2.5 Sampler	Miami Fire Station	2025i W20908 150	9/17/2015	8	\$18,200.00	Good	Active
808752	Teledyne 300E	CO Analyzer	Lab Annex	2231	9/29/2008	15	\$6,600.00	Good	Active
828399	Thermo 43I	SO2 Analyzer	Pennsuco	1305956985	2012	11	\$12,120.00	Good	Active
847867	Thermo 49I	Ozone Analyzer	Perdue	1429063113	10/2/2014	9	\$8,260.00	Good	Active
847984	Thermo 49I	Ozone Analyzer	Perdue	1429063114	10/9/2014	9	\$8,260.00	Good	Active
821943	Thermo 49I-PS	Ozone Calibrator	Perdue	1106747387	2012	11	\$11,500.00	Good	Active
828400	Thermo 49I-PS	Ozone Calibrator	Rosenstiel	1303256525	2012	11	\$11,500.00	Good	Active
650571	Environics 6100	Calibrator	Office	2988	9/9/2002	21	\$9,800.00	Good	Active
847518	Environics 6100	Calibrator	Pennsuco	6149	6/12/2014	9	\$9,800.00	Good	Active
850706	Environics 6100	Calibrator	Rosenstiel	6255	3/23/2015	8	\$9,800.00	Good	Active
852468	ESC 8872	Data Logger	Perimeter Road	0480	2017	6	\$9,125.00	Good	Active
854375	ESC 8872	Data Logger	Perdue	0582	2017	6	\$9,125.00	Good	Active
857329	ESC 8872	Data Logger	Rosenstiel	0693	2017	6	\$9,125.00	Good	Active
857331	ESC 8872	Data Logger	Lab Annex	0692	2017	6	\$9,125.00	Good	Active
819570	Teledyne M701	Zero Air Generator	Lab Annex	3299	2012	11	N/A	Good	Active
819574	Teledyne M701	Zero Air Generator	Pennsuco	3295	2012	11	N/A	Good	Active
819575	Teledyne M701	Zero Air Generator	Rosenstiel	3298	2012	11	N/A	Good	Active
856743	Teledyne T200	NO2 Analyzer	Office	3574	2017	6	\$11,500.00	Good	Active
847698	Teledyne T200	NO2 Analyzer	Rosenstiel	1550	9/3/2014	9	\$11,500.00	Good	Active
841289	Teledyne T200UP	NO2 TL Monitor	Office	117	2018	5	\$24,700.00	Good	Active
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	213	2017	6	\$35,395.00	Good	Active
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office		1/15/2019	0	\$21,500.00	Good	Inactive
841290	Teledyne API T640X	PM2.5 & PM10 Analyzer	Miami Fire Station	287	2017	6	\$35,395.00	Good	Active
854236	Teledyne T700U	Calibrator	Perimeter Road	257	7/31/2015	8	\$21,970.00	Good	Active
853352	Teledyne T701H	Zero Air Generator	Perimeter Road	145	7/31/2015	8	\$7,850.00	Good	Active
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242551812	12/30/2018	5	\$20,680.00	Good	Inactive
828028	ESC 8832	Data Logger	Office	A4448K	2010	13	\$6,600.00	Good	Inactive
828029	ESC 8832	Data Logger	Office	A4446K	2010	13	\$6,600.00	Good	Inactive
828030	ESC 8832	Data Logger	Office	A4449K	2010	13	\$6,600.00	Good	Inactive
527508	1200	PM10 Head	Office	2117	7/27/1993	30	N/A	Good	Inactive
496260	1200	PM10 Head	Office	2747	5/10/1988	35	N/A	Good	Inactive
496261	1200	PM10 Head	Office	2748	5/10/1988	35	N/A	Good	Inactive
655489	Thermo 1400A	PM Analyzer	Office	140AB246890307	9/4/2009	14	\$20,544.00	Poor	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW210901606	7/8/2016	7	\$18,200.00	Good	Inactive
854398	Thermo 2025i	PM2.5 Sampler	Office	2025iW210421605	9/17/2015	8	\$18,200.00	Good	Inactive
848716	Thermo 2025i	PM2.5 Sampler	Office	2025i206811408	9/4/2014	9	\$18,200.00	Good	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW209101509	9/17/2015	8	\$18,200.00	Poor	Inactive
808753	Teledyne 300E	CO Analyzer	Office	2233	9/29/2008	15	\$6,600.00	Good	Inactive
808754	Teledyne 300E	CO Analyzer	Office	2234	9/29/2008	15	\$6,600.00	Good	Inactive
811764	Thermo 42I	NO2 Analyzer	Office	CM08190013	9/29/2008	15	N/A	Good	Inactive
850213	Thermo 43I	SO2 Analyzer	Pennsuco	JB1423701318	11/13/2014	9	\$12,120.00	Good	Inactive
850212	Thermo 49I-PS	Ozone Calibrator	Office	1430063227	11/13/2014	9	\$11,500.00	Poor	Inactive
853237	Thermo 49I-PS	Ozone Calibrator	Office	1152610015	9/17/2015	8	\$11,500.00	Good	Inactive
853238	Thermo 49I-PS	Ozone Calibrator	Office	1152610016	9/17/2015	8	\$11,500.00	Good	Inactive
847517	Environics 6100	Calibrator	Office	6150	6/12/2014	9	\$9,800.00	Good	Inactive
847519	Environics 6100	Calibrator	Office	6148	6/12/2014	9	\$9,800.00	Good	Inactive



Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
658868	Enviroics 6100	Calibrator	Office	3177	9/23/2003	20	\$9,800.00	Good	Inactive
658869	Enviroics 6100	Calibrator	Office	2987	9/9/2002	21	\$9,800.00	Good	Inactive
650570	Enviroics 6100	Calibrator	Office	48C-62460-335/5	9/9/2002	21	\$9,800.00	Poor	Inactive
854373	ESC 8872	Data Logger	Office	0580	2017	6	\$9,125.00	Good	Inactive
854374	ESC 8872	Data Logger	Office	0581	2017	6	\$9,125.00	Good	Inactive
852699	ESC 8872	Data Logger	Office	0507	9/30/2015	8	\$9,125.00	Good	Inactive
852700	ESC 8872	Data Logger	Office	0508	9/30/2015	8	\$9,125.00	Good	Inactive
852701	ESC 8872	Data Logger	Office	0509	9/30/2015	8	\$9,125.00	Good	Inactive
847982	ESC 8872	Data Logger	Office	0318	10/9/2014	9	\$9,125.00	Good	Inactive
847983	ESC 8872	Data Logger	Office	0319	10/9/2014	9	\$9,125.00	Good	Inactive
857330	ESC 8872	Data Logger	Office	0691	2017	6	\$9,125.00	Good	Inactive
808751	Teledyne M300E	CO Analyzer	Office	9C4442	9/4/2009	14	N/A	Good	Inactive
808752	Teledyne M300E	CO Analyzer	Office	9C4443	9/4/2009	14	N/A	Good	Inactive
819571	Teledyne M701	Zero Air Generator	Office	3300	2012	11	N/A	Good	Inactive
819572	Teledyne M701	Zero Air Generator	Office	3297	2012	11	N/A	Good	Inactive
819573	Teledyne M701	Zero Air Generator	Office	3284	2012	11	N/A	Good	Inactive
ID Requested	Teledyne T200	NO2 Analyzer	Lab Annex	3785	2017	6	\$11,500.00	Good	Inactive
847699	Teledyne T200	NO2 Analyzer	Office	1551	9/3/2014	9	\$11,500.00	Poor	Inactive
853351	Teledyne T200UP	NO2 Trace Analyzer	Office	96	7/31/2015	8	\$24,700.00	Good	Inactive
822887	Teledyne T400	Ozone Analyzer	Office	101	2015	8	\$4,250.00	Poor	Inactive
877281	Teledyne API T640	PM2.5 Analyzer	Office	539	9/25/2018	5	\$26,570.00	Good	Inactive
877280	Teledyne API T700	Dilution Calibrator	Office	4642	2019	1	\$13,271.50	New	Inactive
877279	Teledyne API T700	Dilution Calibrator	Office	4644	2019	1	\$13,271.50	New	Inactive
ID Requested	Teledyne API T700	Dilution Calibrator	Office	4645	2019	1	\$13,271.50	New	Inactive
877278	Teledyne API T700	Dilution Calibrator	Office	4643	2019	1	\$13,271.50	New	Inactive
ID Requested	Teledyne API T700	Dilution Calibrator	Rosenstiel	4640	2019	1	\$13,271.50	New	Active
ID Requested	Teledyne API T701	Zero Air System	Lab Annex	1756	2019	1	\$5,027.50	New	Active
ID Requested	Teledyne API T701	Zero Air System	Rosenstiel	1758	2019	1	\$5,027.50	New	Active
ID Requested	Teledyne API T701	Zero Air System	Pennsuco	1757	2019	1	\$5,027.50	New	Active
ID Requested	Teledyne API T701	Zero Air System	Office	1755	2019	1	\$5,027.50	New	Inactive
ID Requested	Teledyne API T701	Zero Air System	Office	1754	2019	1	\$5,027.50	New	Inactive
ID Requested	Teledyne API T701	Zero Air System	Office	1759	2019	1	\$5,027.50	New	Inactive
877268	Teledyne API T300	Gas Filter Correlation CO Moni	Office	4754	2019	1	\$11,408.50	New	Inactive
877267	Teledyne API T300	Gas Filter Correlation CO Moni	Office	4755	2019	1	\$11,408.50	New	Inactive
877272	Teledyne API T640	PM Mass Monitor	Office	715	2019	1	\$23,727.00	New	Inactive
ID Requested	Teledyne API T200	NO2 Analyzer	Office	702	2020	1	\$12,150.00	New	Inactive
ID Requested	Teledyne API T700U	NO2 Analyzer-Trace level	Office	7071	2020	1	\$24,843.25	New	Inactive
ID Requested	TEI 49iQ	O3 Analyzer	Office	1201717983	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 49iQ	O3 Analyzer	Office	1201717985	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 49iQ	O3 Analyzer	Office	1201717984	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 43iQ	SO2 Analyzer	Office	1201717986	2020	1	\$15,181.00	New	Inactive
ID Requested	TEI 43iQ	SO2 Analyzer	Pennsuco	1201717987	2020	1	\$15,181.00	New	Inactive
ID Requested	Teledyne API T640	PM2.5 Analyzer	Office	706	2020	1	\$31,024.00	New	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW215132010	2020	1	\$22,244.42	New	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW215142010	2020	1	\$22,244.42	New	Inactive
880208	Teledyne API T200	NO2 Analyzer	Office	7367	2021	1	\$12,885.20	New	Active
ID Requested	Teledyne API T200	NO2 Analyzer	Office	Not received yet	2021	1	\$12,885.20	New	Inactive
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	1612	2022	0	\$51,823.75	New	Inactive
ID Requested	Teledyne T300U	CO Low Level Analyzer	Office		2022	0	\$17,909.80	New	Inactive

Orange County Inventory 2023									
Property/Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
764207	Thermo Scientific 49i	Ozone Analyzer	Skyview	1170050011	3/24/2017	6.0	\$ 9,492.27	Good	Active
750204	Thermo Scientific 49i	Ozone Analyzer	Skyview	1326659026	9/30/2013	9.0	\$ 9,506.00	Good	Backup
749642	Thermo Scientific 49i	Ozone Analyzer	Winter Park	1336460150	2/5/2014	9.0		Under Repair	Inactive
764206	Thermo Scientific 49i	Ozone Analyzer	Winter Park	1170050010	3/24/2017	6.0	\$ 9,492.27	Good	Active
731314	Thermo Scientific 49i	Ozone Analyzer	Warehouse	0702620338	2/6/2007	16.0		Under Repair	Inactive
731315	Thermo Scientific 49i	Ozone Analyzer	Warehouse	0702620337	2/6/2007	16.0		Under Repair	Inactive
772120	Thermo Scientific 49iQ	Ozone Analyzer	Winter Park	1190180048	5/24/2019	3.0	\$ 10,899.45	Good	Inactive
772122	Thermo Scientific 49iQ	Ozone Analyzer	Winter Park	1190180049	5/24/2019	3.0	\$ 10,899.45	Good	Inactive
770249	Thermo Scientific 49iQ	Ozone Analyzer	Air Lab	1181340030	9/24/2018	4.0	\$ 12,156.49	Good	Inactive
749643	Thermo Scientific 49i PS	Ozone Calibrator Primary	Winter Park	1336460151	2/5/2014	9.0	\$ 11,779.60	Under Repair	Inactive
764208	Thermo Scientific 49i PS	Ozone Calibrator Primary Stand	Skyview	1170050012	3/24/2017	6.0	\$ 13,112.15	Good	Active
756626	Thermo Scientific 49i PS	Ozone Calibrator Primary Stand	Winter Park	1151380003	7/7/2015	7.0	\$ 12,485.20	Good	Active
764204	Thermo Scientific 48i	CO Analyzer	Winter Park	1170050008	3/24/2017	6.0	\$ 13,226.52	Under Repair	Inactive
764205	Thermo Scientific 48i	CO Analyzer	Winter Park	1170050009	3/24/2017	6.0	\$ 13,226.52	Good	Active
755736	Thermo Scientific 48i	CO Analyzer	Winter Park	1500163900	2/24/2015	8.0	\$ 13,472.82	Under Repair	Inactive
755737	Thermo Scientific 48i	CO Analyzer	Winter Park	1500163901	2/24/2015	8.0	\$ 13,472.82	Under Repair	Inactive
779993	Thermo Scientific 48iQ	CO Analyzer	Air Lab	12127713489	10/18/2021	1.0	\$ 14,958.00	Good	Inactive
780492	Thermo Scientific 48iQ	CO Analyzer	Air Lab	12127713488	11/8/2021	1.0	\$ 14,958.00	Good	Inactive
766204	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1172550002	10/17/2017	5.0	\$ 15,406.41	Under Repair	Inactive
741524	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1106147374	2/24/2011	12.0	\$ 11,467.00	Under Repair	Inactive
755738	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1500163902	2/24/2015	8.0	\$ 13,927.68	Good	Active
751896	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1336460152	1/28/2014	9.0	\$ 13,754.88	Under Repair	Inactive
772119	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Winter Park	1190180051	5/24/2019	3.0	\$ 16,045.86	Under Repair	Inactive
780732	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Air Lab	12131413861	12/20/2021	1.0	\$ 15,845.93	Good	Inactive
770250	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Winter Park	1181340031	9/24/2018	4.0	\$ 21,973.45	Good	Inactive
766205	Thermo Scientific 43i	SO2 Analyzer	Winter Park	1172550003	10/17/2017	5.0	\$ 13,346.85	Good	Active
750205	Thermo Scientific 43i	SO2 Analyzer	Winter Park	JC1320600867	9/30/2013	9.0	\$ 11,840.00	Under Repair	Inactive
750203	Thermo Scientific 111i	Zero Air Supply	Warehouse	1326659028	9/30/2013	9.0		Fair	Inactive
747312	Thermo Scientific 111i	Zero Air Supply	Warehouse	1227254852	10/16/2012	10.0		Fair	Inactive
755740	Thermo Scientific 111i	Zero Air Supply	Winter Park	1500163903	2/24/2015	8.0	\$ 5,519.00	Good	Inactive
772123	Thermo Scientific 111iQ	Zero Air Supply	Winter Park	1182130025	5/24/2019	3.0	\$ 6,295.03	Good	Active
779992	Thermo Scientific 111iQ	Zero Air Supply	Air Lab	CM21237097	10/18/2021	1.0	\$ 6,990.00	Good	Inactive
755739	Thermo Scientific 146i	Dynamic Gas Calibrator	Winter Park	1500163897	2/24/2015	8.0	\$ 12,871.00	Good	
747329	Thermo Scientific 146i	Dynamic Gas Calibrator	Winter Park	1227254853	10/16/2012	10.0	\$ 12,900.89	Under Repair	Inactive
779994	Thermo Scientific 146iQ	Dynamic Gas Calibrator	Air Lab	12127713487	10/22/2021	1.0	\$ 16,159.00	Good	Inactive
766092	Thermo Scientific 146iQ	Dynamic Gas Calibrator	Winter Park	1172270023	8/1/2018	4.0	\$ 16,612.71	Good	Backup
772121	Thermo Scientific 146iQ	Dynamic Gas Calibrator	Winter Park	1190180050	5/24/2019	3.0	\$ 16,612.71	Under Repair	Inactive
761067	Agilair 8872	Datalogger	Winter Park	0548	4/27/2016	6.0	\$ 8,085.00	Good	Backup
761068	Agilair 8872	Datalogger	Winter Park	0549	4/27/2016	6.0	\$ 8,085.00	Good	Active
761065	Agilair 8872	Datalogger	Skyview	0550	4/27/2016	6.0	\$ 8,085.00	Good	Active
761066	Agilair 8872	Datalogger	Winter Park	0551	4/27/2016	6.0	\$ 8,085.00	Good	Backup
783498	Teledyne T640	Continuous Particulate Monitor	Air Lab	1685	1/15/2023	0.0	\$ 30,632.00	Good	Inactive
783499	Teledyne T640	Continuous Particulate Monitor	Air Lab	1686	1/15/2023	0.0	\$ 30,632.00	Good	Inactive
	Teledyne T640x	Continuous Particulate Monitor	Winter Park	1494	7/5/2022	0.0	\$ 41,097.00	Good	Active
762294	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM16131005	9/21/2016	6.0	\$ 18,893.76	Under Repair	Inactive
780132	Thermo Scientific 5014i	Continuous Particulate Monitor	Air Lab	CM21428001	11/30/2021	1.0	\$ 22,191.00	Good	Inactive
750381	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM13351002	10/4/2013	9.0	\$ 21,225.00	Under Repair	Inactive
755027	Thermo Scientific 5014i	Continuous Particulate Monitor	Air Lab	CM14291007	10/22/2014	8.0	\$ 18,223.23	Good	Inactive
755028	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM14291008	10/22/2014	8.0	\$ 18,223.22	Under Repair	Inactive
756329	Novalynx 230-M202	Barometer	Winter Park	1616000018	7/28/2016	6.0	\$ 1,620.10	Under Repair	Inactive
756330	Novalynx 230-M202	Barometer	Winter Park	1616000019	7/28/2016	6.0	\$ 1,620.10	Good	Backup
756331	Novalynx 230-M202	Barometer	Winter Park	1616000020	7/28/2016	6.0	\$ 1,620.10	Good	Active
756328	Novalynx 230-M202	Barometer	Winter Park	1616000021	7/28/2016	6.0	\$ 1,620.10	Good	Active
755247	Bios Definer 220-L	Flow Meter	Winter Park	141461	5/6/2015	7.0	\$ 2,045.60	Good	Backup
730582	Bios Definer 220-L	Flow Meter	FDEP Standards Lab	111132	7/25/2007	15.0	\$ 2,010.00	Under Repair	Recert in Progress
756338	Bios Defender 530-H	Flow Meter	FDEP Standards Lab	137288	1/16/2015	8.0	\$ 1,750.00	Good	Recert in Progress
755246	Bios Defender 530-H	Flow Meter	Mesa Labs (Calibration)	139494	5/6/2015	7.0	\$ 1,743.40	Under Repair	Recert in Progress



Property/Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
	FlexCal	Flow Meter	FDEP Standards Lab	175009				Good	Recert in Progress
755697	Chinook Streamline Pro Model S	Flow Meter	Winter Park	C150101	2/26/2015	8.0	\$ 3,137.24	Good	Active
755698	Chinook Streamline Pro Model S	Flow Meter	Chinook (Calibration)	C150102	2/26/2015	8.0	\$ 3,137.24	Under Repair	Recert in Progress
N/A	Fluke 85	Volt Meter	Winter Park	65560195	N/A		N/A	Good	Active
N/A	Control Comp.	Clock	Winter Park	TC-01	N/A		N/A	Good	Inactive
N/A	Control Comp.	Clock	Skyview	TC-02	N/A		N/A	Good	Active
N/A	Control Comp.	Clock	Winter Park	TC-03	N/A		N/A	Good	Active
N/A	Control Comp.	Clock	Air Lab	TC-05	N/A		N/A	Good	Inactive
N/A	Control Comp Digital Thermometer	Platinum Sensor Thermometer	Winter Park	130567028	N/A		N/A	Good	Active
N/A	Control Comp Digital Thermometer	Platinum Sensor Thermometer	Winter Park	61602143	N/A		N/A	Not Working	Inactive
N/A	Control Comp Digital Thermometer	Digital Thermometer	Air Lab	L616301	N/A		N/A	Not Working	Inactive
N/A	Control Comp Digital Thermometer	Digital Thermometer	Winter Park	101642099	N/A		N/A	Good	Active
N/A	Fluke 51 II	Digital Thermometer	Winter Park	57761482MV	8/1/2022	0.0	\$ 532.29	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	111626	3/15/2016	7.0	N/A	Good	Active
N/A	HB Electronics	Thermometer	Skyview	110995	3/15/2016	7.0	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	110252	3/15/2016	7.0	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	111354	3/15/2016	7.0	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	112054	3/15/2016	7.0	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	112713	3/15/2016	7.0	N/A	Good	Active
N/A	Vaisala HM40	Hygrometer	Air Lab	K4730049	12/1/2014	8.0		Good	Active
N/A	Vaisala HM41	Hygrometer	Winter Park	L1720058	12/1/2014	8.0		Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-2B	10/10/2013	9.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-1A	5/25/2014	8.0	N/A	Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-1A	10/10/2013	9.0	N/A	Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	03-20-2013-1A	3/20/2013	10.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-3C	10/10/2013	9.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-2B	5/25/2014	8.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-4D	5/25/2014	8.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	09-03-2012-1A			N/A	Not Working	inactive
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-3C	5/25/2014	8.0	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-5E	5/25/2014	8.0	N/A	Good	Backup
N/A	Tisch Environmental	PM10 Inlet	Winter Park	83770000	7/5/2022	0.0	N/A	Good	Active
756664	VIZIO 55" Flat Screen TV	MONITOR	Winter Park	LWZ2PPAQ3802232	6/24/2015	7.0	\$ 3,675.00	Good	Active
766454	Thermo Scientific 60L	OVEN	Air Lab	42202295	2/6/2018	5.0	\$ 1,141.49	Good	Active
757682	Liebert GXT4	Power Backup	Skyview	1510100421AFBB3	7/1/2015	7.0	\$ 1,425.00	Good	Active
757230	Liebert GXT5	Power Backup	Skyview	1512900408AFBA3	8/26/2015	7.0	\$ 1,100.00	Good	Backup
762326	Liebert GXT6	Power Backup	Winter Park	1626200335AFBA3	3/28/2017	6.0	\$ 1,085.00	Good	Active
762327	Liebert GXT7	Power Backup	Winter Park	1626200343AFBA3	3/28/2017	6.0	\$ 1,085.00	Good	Active
756638	BGI Fractionator	VSCC	Air Lab	070614-166	8/12/2015	7.0	\$ 1,648.36	Good	Backup
756639	BGI Fractionator	VSCC	Air Lab	270711-31	8/12/2015	7.0	\$ 1,648.36	Good	Backup
756640	BGI Fractionator	VSCC	Air Lab	180514-25	8/12/2015	7.0	\$ 1,648.36	Good	Backup
N/A	BGI Fractionator	VSCC	Winter Park	221112-180	N/A		\$ 1,648.36	Good	Backup
N/A	BGI Fractionator	VSCC	Winter Park	147526	N/A		\$ 1,648.36	Good	Active
N/A	BGI Fractionator	VSCC	Winter Park	138712	N/A		\$ 1,648.36	Good	Backup
N/A	BGI Fractionator	VSCC	Air Lab	070614-3	N/A		\$ 1,648.36	Good	Backup
N/A	DWYER	Manometer	Winter Park	N5OZ	1/26/2015	8.0	N/A	Good	Active
N/A	DWYER	Manometer	Winter Park	N03AA0213007	1/26/2015	8.0	N/A	Good	Active
N/A	Klein Tools MM700	Multimeter	Winter Park	0621C-D3	12/2/2021	1.0	\$ 99.97	Good	Active
N/A	Thermo Scientific	Sonicator	Winter Park	1202404	N/A		N/A	Good	Active
N/A	Nikon Forestry Pro II ML921	Rangefinder	Winter Park	0006503	N/A		N/A	Good	Active
N/A	Foneso F100	Laser Distance Measurer	Winter Park	N/A	N/A		N/A	Good	Active
N/A	Cisco ASA 5505	Firewall	Skyview	JMX1625Z263	6/1/2012	10.0	N/A	Good	Active
N/A	Cisco ASA 5505	Firewall	Air Lab	JMX1824Z041	N/A		N/A	Good	Inactive
N/A	Cisco ASA 5505	Firewall	Winter Park	JMX1912402V	1/1/2015	8.0	N/A	Good	Active
N/A	Cisco ASA 5505	Firewall	Air Lab	JMX19124033				Good	Active

Property/Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
N/A	Sierra Wireless GX450	Modem	Skyview	LA8094160400100	5/9/2019	3.0		Good	Active
N/A	HP PCL Q6502A	Laser Printer	Winter Park	CNRK159360	N/A		N/A	Fair	Inactive
755734	Juniper EX 2200	Ethernet Switch	Winter Park	CW02148215	11/22/2014	8.0	\$ 815.00	Good	Inactive
756546	Juniper EX 2201	Ethernet Switch	Air Lab	SCW0214191482	6/30/2015	7.0	\$ 815.00	Good	Backup
756547	Juniper EX 2202	Ethernet Switch	Winter Park	SCW0214191788	6/30/2015	7.0	\$ 815.00	Good	Active
773594	Dell Latitude 5400	Laptop	Operator	GMEP10ZL057	1/10/2020	3.0	\$ 1,515.00	Good	Active
773592	Dell Latitude 5400	Laptop	Operator	GMEP10ZL111			\$ 1,515.00	Good	Active
773589	Dell Latitude 5400	Laptop	Operator	GMEP10ZL061			\$ 1,515.00	Good	Active
523990	Dell Latitude 5410	Laptop	Operator	GMEP10ZL266	9/20/2022	0.0	\$ 1,515.00	Good	Active

Palm Beach County Inventory 2023								
Manufacturer and Model No.	Description	Location	Serial Number	Acquisition Date	Age(years)	Initial Cost	Condition	Status
Teledyne/API	Ozone Transfer Standard 703U	Headquarters	254	8/15/2019	3	\$15,208.00	Good	Inactive
Teledyne/API	Particulate Matter Analyzer T640X	Headquarters	807	8/15/2019	3	\$37,763.00	Good	Inactive
Agilaire	Data System Controller, Ambient Esc Model 8872	Lamstein Lane	814	2/5/2020	2	\$9,135.00	Good	Active
Agilaire	Data System Controller, Ambient Esc Model 8872	Delray Beach	948	2/5/2020	2	\$9,135.00	Good	Active
Agilaire	Data System Controller, Ambient Esc Model 8872	Lantana Preserve	1178	2/5/2020	2	\$9,135.00	Good	Active
Agilaire	Data System Controller, Ambient Esc Model 8872	Belle Glade	1179	11/20/2021	1	\$7,705.00	Good	Active
Agilaire	Data System Controller, Ambient Esc Model 8872	Headquarters	664	11/21/2021	1	\$7,705.00	Good	Inactive
Teledyne/API	Particulate Matter Analyzer T640	Belle Glade	1251	5/10/2021	1	\$27,800.00	Good	Active
Teledyne/API	Particulate Matter Analyzer T640	Lamstein Lane	1512	10/10/2022		28,600.00	Good	Active
Teledyne/API	Particulate Matter Analyzer T640X	Delray Beach	1247	5/10/2021	1	\$33,500.00	Good	Active
Thermo Environmental	Teco111-001 Zero Air Supply	Lantana Preserve	11161759-333	11/2/1998	24	\$3,990.00	Moderate	Active
Thermo Environmental	49I UV Photometric Ozone Analyzer	Lantana Preserve	0601213850	11/16/2005	17	\$6,673.50	Moderate	Active
Thermo Environmental	49I UV Photometric Ozone Analyzer	Lamstein Lane	0711721591	4/11/2007	15	\$6,777.00	Moderate	Inactive
Teledyne/API	703E UV Photometric Monitor	Headquarters	0058	10/31/2006	16	\$8,550.00	Moderate	Inactive
Met One Instrument	Beta Attenuation Mass Monitor, BAM1020 2.3FEM	Headquarters	06214	10/1/2007	15	\$21,970.00	Moderate	Inactive
Bios International Corpor	Definer 220 High Flow; Range:300-30,000 SCCM	Headquarters	112349	9/30/2007	15	\$2,000.00	Moderate	Active
WeLamstein Lanes Cargo	Express Wagon 16', Model EW1622	Belle Glade	1WC200G238305845	6/3/2008	14	\$5,625.00	Moderate	Active
Thermo Environmental	UV Photometric Ozone (03) Primary Source Callibrator	Lantana Preserve	0906335234	2/23/2009	13	\$10,165.00	Moderate	Active
Met One Instrument	Beta Attenuation Mass Monitor with power	Headquarters	K18547	12/9/2010	12	\$12,452.60	Moderate	Inactive
Thermo Environmental	Beta Attenuation Mass Monitor	Headquarters	CM16321022	8/1/2016	6	\$20,665.00	Poor	Inactive
Thermo Environmental	Beta Attenuation Mass Monitor	Headquarters	CM16321023	8/1/2016	6	\$20,665.00	Poor	Inactive
Thermo Environmental	49I UV Photometric Ozone Analyzer	Lamstein Lane	1504864522	9/30/2016	6	\$18,245.00	Good	Active
Teledyne/API	UV Photometric Ozone (03) Primary Source Callibrator 703U	Headquarters	404	9/15/2022		\$17,500.00	Good	Inactive
Teledyne/API	UV Photometric Ozone (03) Primary Source Callibrator T400	Headquarters		9/15/2022		\$9,950.00	Good	Inactive
Thermo Environmental	UV Photometric Ozone (03) Primary Source Callibrator	Lamstein Lane	1504864522	9/30/2016	6	\$18,245.00	Good	Active
Analogic	Voltage Source AN3100	Headquarters	1424153		33+		Moderate	Active
Mesa-Labs	Tetra-Cal Flow Meter	Headquarters	TET 149651	8/1/2016	6	\$2,300.00	Moderate	Active
Bios International Corpor	Dry-Cal Flow Meter	Headquarters	112349	9/30/2007	15	\$2,000.00	Good	Active
Ali-Cat	FP-25 Flow Meter	Headquarters	229796	4/15/2020		\$3,250.00	Good	Active



Appendix D: Ambient Air Monitoring Inventory 2023

Pinellas County Inventory 2023								
Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
T-API T400	Ozone	12-103-0004	6021	9/30/2020	2.6	8,600	Good	Deployed
T-API T640	PM 2.5	12-103-0004	890	2/10/2020	3.2	23,820	Good	Deployed
T-API T703	O <sub>3</sub> Primary	12-103-0004	729	8/1/2019	3.7	11,700	Good	Deployed
Agilaire 8872	Data Logger	12-103-0004	0412	4/2/2015	8.1	6,600	Good	Deployed
G&S	Building	12-103-0004	n/a	3/7/1986	37.2	3,500	Good	Deployed
Met One E-BAM Plus	PM 10	12-103-0012	X19178	9/17/2018	4.6	8,310	Good	Deployed
ATEC 2200	VOC sampler	12-103-0018	37560	7/31/2017	5.7	10,095	Good	Deployed
T-API T700U	Calibrator	12-103-0018	649	9/30/2020	2.6	23,760	Good	Deployed
T-API T500U	NO <sub>2</sub>	12-103-0018	304	9/30/2020	2.6	17,200	Good	Deployed
T-API T640X	PM 2.5/ 10	12-103-0018	218	8/24/2017	5.7	28,200	Good	Deployed
T-API T400	Ozone	12-103-0018	3071	5/17/2017	5.9	8,102	Good	Deployed
T-API 701H	Zero Air	12-103-0018	240	8/19/2016	6.7	8,000	Good	Deployed
Agilaire 8872	Data Logger	12-103-0018	0310	8/27/2014	8.7	6,600	Good	Deployed
RM Young 5305	Wind sensor	12-103-0018	54915	n/a	9	1,100	Good	Deployed
Robin Builders	Building	12-103-0018	n/a	1/28/1998	25.3	14,142	Fair	Deployed
Aluma Tower 10m	Wind Tower	12-103-0018	na	8/28/1989	33.7	2,000	Fair	Deployed
T-API T703	O <sub>3</sub> Primary	12-103-0018	61	n/a	n/a	n/a	Good	Deployed
EnviroNics 7000	Zero Air	12-103-0023	8640	9/10/2019	3.6	4,700	Good	Deployed
TEI 43i	SO <sub>2</sub>	12-103-0023	1163630020	12/14/2016	6.4	12,500	Good	Deployed
EnviroNics 6100	Calibrator	12-103-0023	6551	6/1/2015	7.9	8,900	Good	Deployed
Agilaire 8872	Data Logger	12-103-0023	0308	8/27/2014	8.7	6,600	Good	Deployed
William Scottsman	Building	12-103-0023	n/a	9/26/1997	25.6	11,400	Fair	Deployed
ATEC 2200	VOC sampler	12-103-0026	63523	5/4/2016	7.0	10,095	Good	Deployed
RM Young 5305	Wind sensor	12-103-0026	57347	n/a	6	1,100	Good	Deployed
Agilaire 8872	Data Logger	12-103-0026	0411	8/27/2014	8.7	6,600	Good	Deployed
T-API/Magee 633	Aethalometer	12-103-0026	AE33-S01-001	6/11/2013	9.9	11,000	Good	Deployed
Aluma Tower 10m	Wind Tower	12-103-0026	na	8/21/2001	21.7	2,000	Fair	Deployed
Robin Builders	Building	12-103-0026	n/a	12/12/1997	25.4	10,800	Fair	Deployed
T-API T700U	Calibrator	12-103-0027	251	5/20/2016	6.9	21,400	Good	Deployed
T-API 701H	Zero Air	12-103-0027	136	5/20/2016	6.9	8,000	Good	Deployed
T-API/Magee 633	Aethalometer	12-103-0027	AE33-SO3-00	5/20/2016	6.9	7,200	Good	Deployed
T-API T500U	NO <sub>2</sub>	12-103-0027	108	5/20/2016	6.9	16,000	Good	Deployed
T-API T300U	CO	12-103-0027	242	5/20/2016	6.9	12,700	Good	Deployed

Appendix D: Ambient Air Monitoring Inventory 2023

Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
William Scottsman	Building	12-103-0027	n/a	1/1/2016	7.3	27,500	Good	Deployed
Aluma Tower 10m	Wind Tower	12-103-0027	na	9/30/2015	7.6	4,100	Good	Deployed
EnviroNics 6100	Calibrator	12-103-0027	6552	6/1/2015	7.9	8,900	Good	Deployed
RM Young 5305	Wind sensor	12-103-0027	69489	n/a	6	1,100	Good	Deployed
Agilaire 8872	Data Logger	12-103-0027	0311	8/27/2014	8.7	6,600	Good	Deployed
Met One E-BAM Plus	PM 10	12-103-3004	X19175	9/17/2018	4.6	8,310	Good	Deployed
T-API T400	Ozone	12-103-5002	6022	9/30/2020	2.6	8,600	Good	Deployed
TEI 1405	PM 2.5	12-103-5002	1405A235701	4/20/2016	7.0	13,000	Good	Deployed
RM Young 5305	Wind sensor	12-103-5002	141707	n/a	5	1,100	Good	Deployed
Agilaire 8872	Data Logger	12-103-5002	0312	8/27/2014	8.7	6,600	Good	Deployed
T-API T703	O <sub>3</sub> Primary	12-103-5002	946	10/20/2022	0.5	13,345	Good	Deployed
Topline Building, Inc.	Building	12-103-5002	n/a	12/20/2002	20.4	10,422	Fair	Deployed
Aluma Tower 10m	Wind Tower	12-103-5002	na	4/18/1997	26.0	2,000	Fair	Deployed
EnviroNics 7000	Zero Air	12-103-5003	8639	9/17/2019	3.6	4,700	Good	Deployed
TEI 43i	SO <sub>2</sub>	12-103-5003	1170120019	12/14/2016	6.4	12,500	Good	Deployed
Agilaire 8872	Data Logger	12-103-5003	0608	12/9/2016	6.4	7,380	Good	Deployed
EnviroNics 6100	Calibrator	12-103-5003	6186	8/1/2014	8.7	8,800	Good	Deployed
n/a	Building	12-103-5003	n/a	9/18/1987	35.6	4,850	Fair	Deployed
Agilent 5977B / 8890	GC/MS	Lab	US2227A048	10/1/2022	0.6	81,911	Good	Deployed
Entech 7200CTS	Preconcentrator	Lab	2174	10/1/2022	0.6	49,148	Good	Deployed
Agilaire 8872	Data Logger	Office	0307	8/27/2014	8.7	6,600	Good	Spare
Agilaire 8872	Data Logger	Office	0309	8/27/2014	8.7	6,600	Good	Spare
T-API T300	CO	Office	2425	5/4/2016	7.0	10,800	Good	Spare
T-API T400	Ozone	Office	85	n/a	9	n/a	Good	Spare
T-API 400E	Ozone	Office	2545	8/17/2010	12.7	7,200	Good	Spare
T-API 400E	Ozone	Office	2560	8/17/2010	12.7	7,200	Good	Spare
T-API T640	PM 2.5	Office	566	11/29/2018	4.4	21,000	Good	Spare
T-API 703E	O <sub>3</sub> Primary	Office	240	8/6/2009	13.7	9,000	Good	Spare
T-API 703E	O <sub>3</sub> Primary	Office	332	5/14/2014	9.0	10,000	Good	Spare
T-API T703	O <sub>3</sub> Primary	Office	331	5/14/2014	9.0	10,000	Good	Spare
T-API T700U	Calibrator	Office	773	10/20/2022	0.5	26,191	Good	Spare
TEI 49i	Ozone	Office	CM08270005	8/6/2009	12.6	9,000	Good	Spare
TEI 43C	SO <sub>2</sub>	Office	43C-55928-30	6/26/1996	24.7	6,500	Fair	Spare
TEI 42i	NO <sub>x</sub>	Office	CM08260023	7/24/2008	14.8	11,000	Fair	Spare

Appendix D: Ambient Air Monitoring Inventory 2023

<b>Manufacturer and Model No.</b>	<b>Description</b>	<b>Location</b>	<b>Serial No.</b>	<b>Acquisition Date</b>	<b>Age</b>	<b>Initial Cost</b>	<b>Condition</b>	<b>Status</b>
TEI 42i	NOx	Office	11636300019	12/14/2016	6.4	14,500	Good	Spare
Envionics 6100	Calibrator	Office	7866	4/2/2018	5.1	9,000	Good	Spare
Envionics 6100	Calibrator	Office	3942	4/24/2007	16.0	8,900	Good	Spare
Envionics 6103	Calibrator	Office	2818	3/25/2002	21.1	10,600	Good	Spare
RM Young 5305	Wind sensor	Office	186982	9/21/2021	1.6	1,100	Good	Spare
RM Young 5305	Wind sensor	Office	186983	9/21/2021	1.6	1,100	Good	Spare
RM Young 5305	Wind sensor	Office	141707	n/a	5.0	1,100	Good	Spare
RM Young 5305	Wind sensor	Office	5	n/a	5.0	1,100	Good	Spare

Sarasota County Inventory 2023									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
40038151	ESC 8816	Data Logger	BOB	1665	2/17/1998	25	\$ 2,250.00	Fair	Planned for disposal
40051234	RM Young 05103VP	Wind Vane	Paw Park	58190	9/30/2003	20	\$ 1,039.50	Fair	Planned for disposal
40051233	RM Young 05103VP	Wind Vane	Lido	58043	9/30/2003	20	\$ 1,040.00	Fair	Planned for disposal
40051235	RM Young 05103VP	Wind Vane	Jackson	58191	9/30/2003	20	\$ 1,039.50	Fair	Planned for disposal
40050210	Thermo 49C-PS	Ozone Analyzer	BOB	49CPS77959387	4/25/2003	20	\$ 9,030.00	Fair	Planned for disposal
40051472	Thermo 111	Zero Air Generator	BOB	1110326802150	11/14/2003	20	\$ 4,198.23	Fair	Planned for disposal
40052744	Thermo 111	Zero Air Generator	BOB	427408888	9/30/2004	19	\$ 2,970.00	Fair	Back Up
40058795	Thermo TEOM 1405	Particulate Sampler	Jackson	1405A202460809	9/30/2008	15	\$ 18,911.00	Fair	Back Up
40059491	Thermo 49i	Ozone Analyzer	Paw Park	CM09190034	6/25/2009	14	\$ 7,930.00	Fair	Back Up
40059492	Thermo 49i-PS	Ozone Calibrator	Paw Park	0916736286	6/25/2009	14	\$ 11,550.00	Fair	Back Up
40060203	Teledyne 400e	Ozone Analyzer	BOB	2529	6/29/2010	13	\$ 7,035.00	Fair	Planned for disposal
40060204	Teledyne 703e	Ozone Calibrator	BOB	276	6/29/2010	13	\$ 9,166.00	Fair	Planned for disposal
40062204	Teledyne T700	MultiGas Calibrator	Paw Park	670	6/5/2013	10	\$ 15,138.40	Good	Planned for disposal
40062203	Teledyne T200	Nox Analyzer	Paw Park	776	6/5/2013	10	\$ 11,372.80	Good	Planned for disposal
40064690	Agilair 8872	Data Logger	BOB	0333	11/21/2013	10	\$ 6,495.00	Good	Back Up
40064632	Teledyne T701	Zero Air Generator	Paw Park	64	9/19/2014	9	\$ 4,375.00	Good	Back Up
40064631	Thermo 49i	Ozone Analyzer	Jackson	1426962861	9/11/2014	9	\$ 9,150.00	Good	Operating
40064630	Thermo 49i-PS	Ozone Calibrator	Jackson	1426962860	9/11/2014	9	\$ 12,490.00	Good	Operating
40063935	Thermo 2025i	Particulate Sampler	Bee Ridge Park	2025I205681402	4/3/2014	9	\$ 15,620.00	Good	Back Up
40064694	Thermo 2025i	Particulate Sampler	Tallahassee	2025I207091410	12/17/2014	9	\$ 15,620.00	Good	On-loan
40066771	Thermo 1405	Particulate Sampler	Paw Park	1405A233811512	1/27/2016	7	\$ 19,395.00	Good	Operating
40070908	Thermo 1405	Particulate Sampler	Jackson	1405A243141903	3/4/2019	4	\$ 21,550.28	New	Operating
40067751	Thermo 49i	Ozone Analyzer	Lido	1162290005	9/30/2016	7	\$ 9,337.50	Good	Operating
40066774	Agilair 8872	Data Logger	Bee Ridge Park	0542	3/16/2016	7	\$ 6,990.00	Good	Back Up
40068125	Thermo 49i-PS	Ozone Calibrator	Lido	1171300029	6/28/2017	6	\$ 13,581.00	Good	Operating
40068789	Teledyne T640	Particulate Sampler	Bee Ridge Park	212	8/29/2017	6	\$ 21,000.00	Good	Back Up
40070109	Thermo 49iQ	Ozone Analyzer	Paw Park	1182250001	9/26/2018	5	\$ 10,079.01	New	Testing
40070110	Thermo 49iQ-PS	Ozone Calibrator	Paw Park	1182250002	9/26/2018	5	\$ 13,922.65	New	Testing
40057912	Ekto Manufacturing Co.	TEOM Enclosure	Bee Ridge Park	38851	1/23/2008	15	\$ 5,632.63	Good	Back Up
40059326	Ekto Manufacturing Co.	TEOM Enclosure	BOB Office	42011	7/13/2010	13	\$ 6,338.00	Good	Back Up
40068790	Shelter One	T640 Enclosure	Bee Ridge Park	N/A	9/30/2017	6	\$ 6,500.00	Good	Operating
30002827	Wells Cargo	Trailer	Paw Park	1WC200J1343051042	11/19/2003	20	\$ 12,306.00	Fair	Operating
30002430	Wells Cargo	10' Trailer	Jackson	1WC200D17Y3043740	11/1/2000	23	\$ 8,852.25	Fair	Operating
N/A	Davis Instruments	MET Sensor	Lido	180807N01	2018	5	\$ 650.00	Good	Operating
N/A	Davis Instruments	MET Sensor	Paw Park	190802N04	2019	4	\$ 650.00	Good	Operating
N/A	Davis Instruments	MET Sensor	Jackson	190802N07	2019	4	\$ 650.00	Good	Operating
N/A	Davis Instruments	MET Sensor	Bee Ridge Park	190802N01	2019	4	\$ 650.00	Good	Operating
N/A	Davis Instruments	MET Sensor	Back Up		2021	2	\$ 470.00	New	Back Up
40072708	Agilair 8872	Data Logger	Bee Ridge Park	1044	8/25/2020	3	\$ 7,850.00	New	Operating
40072709	Agilair 8872	Data Logger	Paw Park	1046	8/25/2020	3	\$ 7,850.00	New	Operating
40072710	Agilair 8872	Data Logger	Lido	1045	8/25/2020	3	\$ 7,850.00	New	Operating
40073265	Teledyne T400	Ozone Analyzer	Paw Park	6478	6/18/2021	2	\$ 8,505.00	New	Operating
40073266	Teledyne T703	Ozone Calibrator	Paw Park	887	6/18/2021	2	\$ 12,150.00	New	Operating
40074416	Teledyne T640	Particulate Sampler	Bee Ridge Park	1539	9/30/2022	0.5	\$ 28,334.00	New	Operating