

Florida Department of Environmental Protection



2022

Annual Ambient Air Monitoring Network Plan

**Division of Air Resource Management
Florida Department of Environmental Protection
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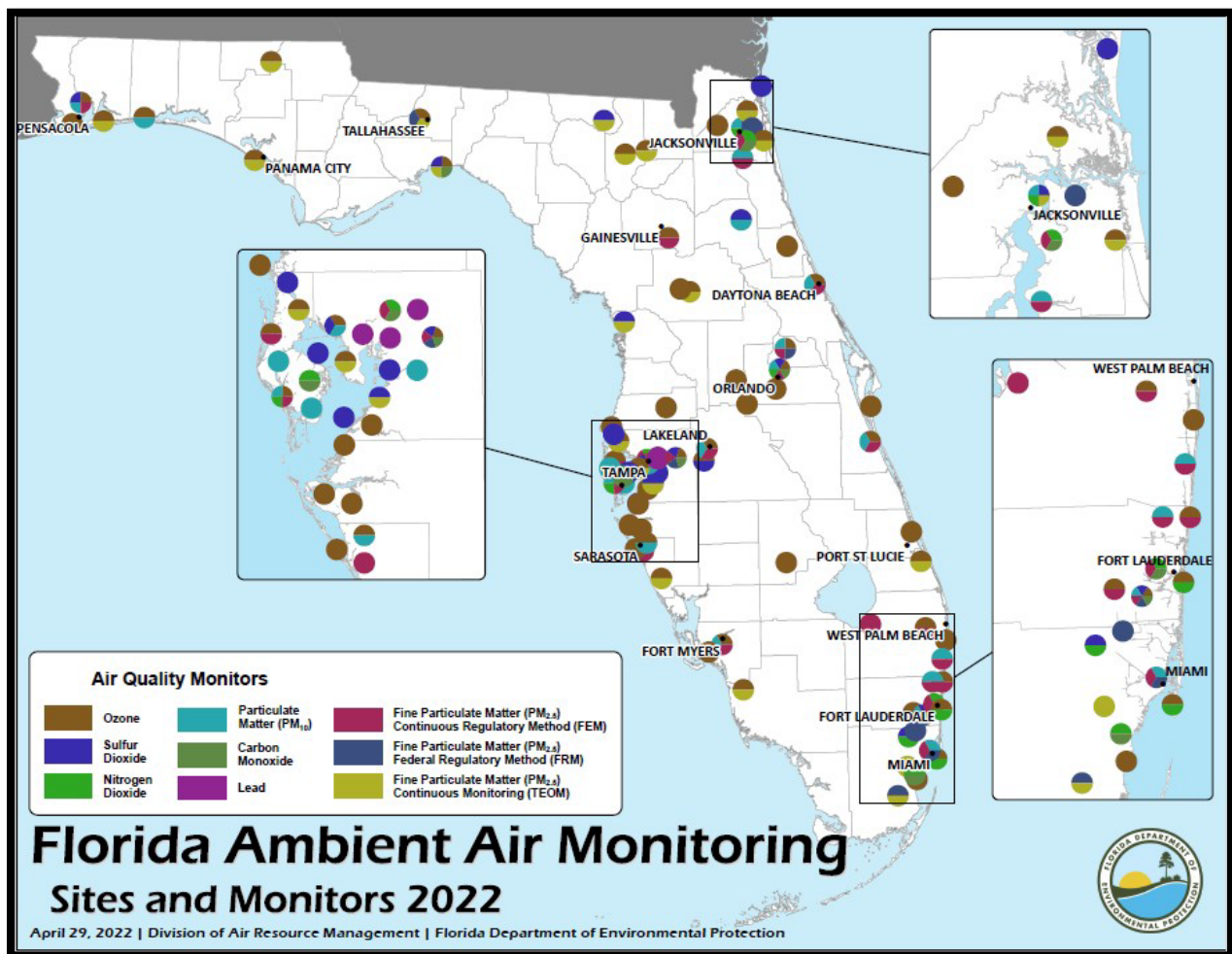
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1. Introduction

The Florida Department of Environmental Protection (DEP) has developed and maintains a comprehensive ambient air monitoring network that covers over 90 percent of the 21 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 89 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 2022 Site Locations for Florida’s Ambient Air Monitoring Network



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

Table 1.1 Florida’s Primary Quality Assurance Organization

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

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

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

This annual Air Monitoring Network Plan is a requirement of the Code of Federal Regulations (40 CFR Part 58) established by the U.S. Environmental Protection Agency (EPA). The purpose of 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.

2. Air Monitoring Network 2022

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_{2.5}, and PM₁₀. 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. It is available in both graphical and text versions. The data to support this website are collected from all continuous monitors in the state. These data are also shared on EPA's AirNow site at www.airnow.gov.

An Air Monitoring Network Plan is also required to provide evidence that siting and operation of each monitor 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_{2.5} and PM₁₀) QAPP was approved in October 2020. 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 PQAO 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

Agency	Quantity	Equipment Purchases
Florida DEP	2	Teledyne T640X PM Mass Monitor
Florida DEP	2	Teledyne T750U Portable Multigas Calibrator
Florida DEP	2	Teledyne T700 Multigas Calibrator
Florida DEP	2	Alicat Scientific FP-25BT Flow Device
Florida DEP	2	Site HVAC Replacement
Florida DEP	5	USAT LLC Directional Outdoor Antenna
Broward County	1	Teledyne T640X
Broward County	1	ESC 8872
Broward County	1	701H
Broward County	1	Thermo 42i-Y
Broward County	1	Magee Scientific AE33 (Teledyne T633)
Broward County	1	URG
Broward County	1	SuperSASS
Broward County	1	RM Young 52203
Broward County	2	RM Young 41382VC
Broward County	1	RM Young 61402V
Broward County	1	RM Young 41342VC
Broward County	1	Teledyne T500U
City of Jacksonville	1	EKTO Shelter for Sunny Acres
City of Jacksonville	1	Teledyne T640X for Kooker Park
Hillsborough County	1	Thermo 42i-Y
Hillsborough County	2	Thermo 1405
Hillsborough County	1	TSI EPC3783
Hillsborough County	1	Magee AE-33
Hillsborough County	1	Thermo 48iQ-TLE
Hillsborough County	1	Thermo 43iQ
Hillsborough County	1	Thermo 5014i
Hillsborough County	1	Thermo 49iQ
Hillsborough County	1	Thermo 49iQ PS
Hillsborough County	1	Teledyne T200UP
Hillsborough County	4	DIY Zero Air Systems
Manatee County	2	2B 211 ozone monitors

Agency	Quantity	Equipment Purchases
Manatee County	1	39th St Air Station replacement
Miami-Dade County	2	Teledyne T200 Chemiluminescence (NO ₂ /NO/NO _x) Analyzer
Orange County	1	Thermo 5014I Beta Particulate Monitor
Orange County	1	Thermo Multigas Calibrator
Orange County	1	Thermo Zero Air Supply
Orange County	1	Thermo Chemiluminescence NO-NO ₂ -NO _x
Orange County	2	Thermo Gas Filter Correlation CO
Palm Beach County	2	ESC 8872 Dataloggers
Pinellas County	1 - Expected in 2022	Teledyne T703 - ozone calibrator
Pinellas County	1 - Expected in 2022	Teledyne T700U - Multi-gas calibrator w/ photometer
Pinellas County	1 - Expected in 2022	Entech 7200 CTS - Pre-concentrator (NATTS VOC analysis)
Pinellas County	1 - Expected in 2022	Agilent 8890 w/ 5977B; GC/ MS (NATTS VOC analysis)
Pinellas County	2	RM Young 5305 Wind sensor units
Sarasota County	1	Teledyne T400 Ozone Analyzer
Sarasota County	1	Teledyne T703 Ozone Calibrator

Also, through the American Rescue Plan (ARP), the EPA has provided air monitoring funding to the PQA agencies to address environmental risks in underserved communities and to support other dedicated air quality monitoring priorities. As part of this 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.

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 2022. The discussion within this plan is organized as follows:

- Sites scheduled to shut down, set-up, or relocate;
- Scheduled monitor changes and discontinuations; and
- Network descriptions organized by pollutant for 2022.

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 2022 are provided in Table 3.1.

Table 3.1 Summary of Network Modifications

AQS #	Site Name	Parameter	Modification
12-086-4002	Lab Annex	NO ₂ , CO	Close 8/2021 (Relocation of NO ₂ to Pennsuco site (AQS # 12-086-0019) and CO to Perimeter Road site (AQS # 12-086-0035)); SD due to roof collapse, the site was deemed not safe. Support from Florida DEP and EPA given to relocate instruments 8/26/2021
12-086-6001	Homestead Fire Station	PM _{2.5} and Continuous PM _{2.5}	Close expected 5/2022 (Relocation of Continuous PM _{2.5} to Wittkop Park site (AQS # 12-086-6002)); Approved by EPA 10/22/2019
12-086-6002	Wittkop Park	Continuous PM _{2.5}	Addition expected 6/2022; Approved by EPA 10/22/2019
12-031-0108	Pepsi Place	PM _{2.5} , CO, NO ₂	Cancel site relocation for Pepsi Place site due to no construction expected near the Pepsi Place site (canceled Roselle site NO ₂ concurrency study for 2022)
12-031-0032	Kooker Park	PM ₁₀ , PM _{2.5}	Replace PM ₁₀ Thermo 1405 and PM _{2.5} Thermo 1405 with SLAMS Continuous PM _{2.5} and PM ₁₀ T640X monitor; SU expected 9/2022
12-031-0099	Sunny Acres	PM _{2.5} (Collocated monitor)	Replace PM _{2.5} Thermo 2025i with continuous PM _{2.5} T640 SU Expected:12/2022. Shutdown collocated PM _{2.5} ; SD Expected 12/2022
12-047-0015	White Springs	SO ₂ , PM _{2.5}	Close 3/2022 due to property owner's request that Florida DEP relocate site to another area on the property; relocation to White Springs Plant site (AQS # 12-047-0017)
12-047-0017	White Spring Plant	SO ₂ , PM _{2.5}	SU 3/2022; replaced White Springs site (AQS # 12-047-0015); Florida DEP requests these data sets to be combined.
12-095-0009	I-4 Near Road	NO ₂ , CO, PM _{2.5}	Construction of I-4 completed February 2022; Orange County is working with FDOT to set up the site at its new permanent location;

AQS #	Site Name	Parameter	Modification
			project negotiations have started, with expected start date of 12/31/2023
12-095-0011	Presidents Drive Near Road	NO ₂ , CO, PM _{2.5}	SU Expected 7/2023
12-115-1006	Paw Park	Ozone	Replace Ozone 49i FEM with Teledyne T400 FEM SU 12/2021
12-071-2002	Rotary Park	Ozone	Florida DEP and EPA designate permanent highest ozone concentration for Cape Coral MSA is Rotary Park site (AQS # 12-071-2002)
12-091-0002	Fort Walton Beach	Ozone, PM _{2.5}	Close expected 6/2022 due to the property owner's request that Florida DEP vacate the property. Currently evaluating sites for a new location within the Crestview-Fort Walton Beach-Destin MSA.

Also, through the American Rescue Plan (ARP), the EPA has provided air monitoring funding to the PQAO agencies to address environmental risks in underserved communities and to support other dedicated air quality monitoring priorities. As part of this 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.

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

A. Site Updates

Miami-Dade County – Wittkop Park Site (AQS # 12-086-6002)

Florida DEP was granted EPA approval October 2019 to relocate the Homestead Fire Station site (AQS # 12-086-6001) in Miami-Dade County due to structural integrity issues with the building. The new, Wittkop Park site, is located approximately 711 meters northwest of the original site and will be assigned a new AQS Site identification number (AQS # 12-086-6002) due to the change in address. Florida Department of Environmental Protection is requesting to link these two sites. Miami is discontinuing the manual sampler and the TEOM 1400 from Homestead Fire Station and is expected to start operation of their new Teledyne T640 June 2022 at the Wittkop Park site. Site review information for the Wittkop Park site is presented in Table 3.2 below and updated site information and pictures are provided in Appendix A.

Table 3.2 Wittkop Park Site (AQS # 12-086-6002)

	Wittkop Park Site
AQS #	12-086-6002
City (CBSA)	Miami
Site Name	Wittkop Park
Statement of Purpose	Needed by Regulation
Site Review Date	2/9/2022
County	Miami-Dade
Location Latitude	25.478306 N
Location Longitude	-80.483782 W
Address	505 NW 9 th Street, Homestead, FL 33030
Objective	Population Exposure
Pollutants Monitored	PM _{2.5}
Sampling and Analysis Method	PM _{2.5} : Teledyne T640 Continuous FEM, Broadband Spectroscopy
Spatial Scale	Neighborhood
Operating Schedule	Continuous PM _{2.5} :
Network Type	SLAMS
Distance from Inlet to nearest:	Drip line: 13.6 meters Wall: 16.8 meters Road: 14.2 meters
Access	Unlimited
Owner of Land	City of Homestead
Inlet Height	PM _{2.5} : Estimate 2.8 meters
Comments	The final coordinates of the new shelter are: 25.478306 N and -80.483782 W. Site is expected to be operational by June 2022.

Hamilton County – White Springs Plant Site (AQS # 12-047-0017)

The White Springs site in Hamilton County (AQS # 12-047-0015) was relocated per the request of the property owners (Nutrien White Springs Agricultural Chemicals, Inc.) due to planned activity on the property. The site was relocated 131 meters south west of the original site on County Rd. 137 and given a new AQS Site identification number (AQS # 12-047-0017). The new location is within close proximity of the original site. Florida DEP requests that the datasets for these sites be combined for data completeness. Site review information for the White Springs Plant site is presented in Table 3.3 below and any other pertinent site information is provided in Appendix A.

Table 3.3 White Springs Plant Site (AQS # 12-047-0017)

	White Springs Plant Site
AQS Site #	12-047-0017
City (CBSA)	White Spring, Not in a CBSA
Site Name	White Springs Plant
Statement of Purpose	PM _{2.5} : Rural monitoring; SO ₂ : Source monitoring
Site Review Date	3/24/2022
County	Hamilton
Location Latitude	30.426029 N
Location Longitude	-82.795356 W
Address	16489 SE CR 137, White Springs, FL 32096
Objective	Source (SO ₂ , PM _{2.5})
Pollutants Monitored	SO ₂ , PM _{2.5}
Sampling and Analysis Method	SO ₂ : Thermo 43i, PM _{2.5} : Thermo 1405
Spatial Scale	Middle (SO ₂); Neighborhood (PM _{2.5})
Operating Schedule	Continuous
Network Type	SLAMS: SO ₂ , SPM: PM _{2.5}
Distance from Inlet to nearest:	Tree drip line: 67 m Wall: N/A Road: 25 m
Access	Unlimited
Owner of Land	White Springs Agricultural chemicals Inc.
Inlet Height	SO ₂ : 4.19 m, PM _{2.5} : 5.0 m
Comments	Relocation 131 m SW of the current site

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

Florida DEP must relocate the Fort Walton Beach site (AQS # 12-091-0002) per the request of the property owner (Okaloosa County School District) due to the pending sale of the property. The shelter will be relocated to another area in the Crestview-Fort Walton Beach-Destin CBSA and will remain representative of the same air mass. Florida DEP is in the process of scouting possible locations for the new site that meets 40 CFR Part 58 Appendices A, B, C, D, and E requirements. Once a suitable site is found, Florida DEP will provide information to EPA for a full evaluation of the new site.

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

The I-4 Near Road site (AQS # 12-095-0009) was granted approval July 24, 2017 by EPA for a temporary discontinuance due to ongoing construction along the I-4 corridor. 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.

4. Florida’s Ambient Air Monitoring Network 2022

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 2019-2021 design values.

Table 4.1 Florida’s Ozone Network

AQS #	Site Name	Pollutant	2019-2021 Design Values (ppb)
12-001-3012	Paynes Prairie Farm	Ozone	59
12-003-0002	Osceola National Forest - Olustee Ranger Station	Ozone	58
12-005-0006	St. Andrews State Park	Ozone	58
12-009-0007	Melbourne	Ozone	Not Available – Data Completeness
12-009-4001	Cocoa Beach	Ozone	58
12-011-0033	Vista View Park	Ozone	59
12-011-0034	Daniela Banu (NCore Site)	Ozone	57
12-011-2003	Pompano Highland Fire House	Ozone	57
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	Ozone	57
12-021-0004	Laurel Oak Elementary	Ozone	58
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	59
12-033-0004	Ellyson Industrial Park	Ozone	58
12-033-0018	Pensacola NAS	Ozone	59
12-035-0004	Flagler	Ozone	Not Available – Data Completeness
12-055-0003	Archbold Biological Station	Ozone	Not Available – Data Completeness
12-057-0081	E.G. Simmons Park	Ozone	64
12-057-1035	Davis Island (Coast Guard Station)	Ozone	58
12-057-1065	USMC Reserve Center	Ozone	66
12-057-3002	Sydney (NCore Site)	Ozone	62
12-059-0004	Bonifay Tri-County Airport	Ozone	56
12-069-0002	Clermont	Ozone	63
12-071-0005	Winkler Pump Station	Ozone	Not Available – Site Opened 5/2021
12-071-2002	Rotary Park	Ozone	59
12-071-3002	Bay Oaks Park	Ozone	Not Available – Site Shut Down 5/2021
12-073-0012	Tallahassee Community College	Ozone	58

AQS #	Site Name	Pollutant	2019-2021 Design Values (ppb)
12-081-3002	Port Manatee	Ozone	59
12-081-4012	GT Bray Park	Ozone	61
12-081-4013	39th Street Park	Ozone	59
12-083-0003	Ocala - YMCA	Ozone	62
12-083-0004	Marion County Sheriff	Ozone	58
12-085-0007	Stuart	Ozone	57
12-086-0027	Rosenstiel (University of Miami)	Ozone	56
12-086-0029	Perdue	Ozone	58
12-091-0002	Fort Walton Beach	Ozone	58
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	64
12-099-0021	Lantana Preserve	Ozone	56
12-099-0022	Lamstein Lane	Ozone	Not Available - Data Completeness
12-101-0005	San Antonio	Ozone	59
12-101-2001	Holiday	Ozone	62
12-103-0004	St. Petersburg College	Ozone	64
12-103-0018	Azalea Park	Ozone	61
12-103-5002	John Chesnut Sr. Park - East Lake	Ozone	61
12-105-6005	Sikes Elementary School	Ozone	62
12-105-6006	Baptist Children's Home	Ozone	62
12-111-0013	Savannas	Ozone	58
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	61
12-127-5002	Daytona - Blind Services	Ozone	57
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	Ozone	55

4.2 PM_{2.5} NETWORK

The Federal Reference Method and Federal Equivalent Method Network

Florida's PQAQO currently operates 11 federal reference methods (FRM) and 24 federal equivalent method (FEM) monitors, for a total 35 monitors of which there are 27 primary monitors and 8 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_{2.5} monitoring sites, with valid design values for 2019-2021, are less than 80 percent of the annual standard (9.6 µg/m³) as detailed in Table 4.2.

Table 4.2 Florida's PM_{2.5} Network

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2019-2021 Design Values	Comments
12-001-3012	Paynes Prairie Farm	FEM	Continuous	7.2	Collocated monitor, same method designation
		FEM	Continuous		
12-009-0007	Melbourne	FEM	Continuous	7.5	
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 rd Day		
12-011-0035	Fort Lauderdale Near Road	FEM	Continuous	9.2	Near road
12-011-2003	Pompano Highland Fire House	FEM	Continuous	7.3	
12-011-5005	Coconut Creek	FEM	Continuous	7.1	
12-031-0098	Mandarin Rd Site	FEM	Continuous	7.7	
12-031-0099	Sunny Acres	FRM	Every 3 rd Day	6.7	Collocated monitor, same method designation
		FRM	Every 12 th Day		
12-031-0108	Pepsi Place (PP-PPL)	FEM	Continuous	8.6	Near road
12-033-0004	Ellyson Industrial Park	FEM	Continuous	9.2	

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2019-2021 Design Values	Comments
12-057-0113	Munro Street	FEM	Continuous	Not Available – Data Completeness	Near road
12-057-3002	Sydney (NCore Site)	FRM	Every 3 rd Day	Not Available – Data Completeness	Collocated monitor, same method designation
		FRM	Every 12 th Day		
12-071-0005	Winkler Pump Station	FEM	Continuous	7.4	Collocated monitor, same method designation
		FEM	Continuous		
12-073-0012	Tallahassee Community College	FRM	Every 3 rd Day	7.4	Collocated monitor, same method designation
		FRM	Every 12 th Day		
12-086-0033	Palm Springs Fire Station	FRM	Every 3 rd Day	6.6	
12-086-1016	Miami Fire Station	FEM	Continuous	7.0	Collocated FRM monitor
		FRM	Every 12 th Day		
12-086-6001	Homestead Fire Station	FRM	Every 3 rd 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	6.8	
12-099-2005	Delray Beach	FEM	Continuous	6.3	
12-103-0004	St. Petersburg College	FEM	Continuous	Not Available – Monitor opened 3/2019	
12-103-0018	Azalea Park	FEM	Continuous	7.8	

AQS #	Site Name	Method: FRM/FEM	Operating Schedule	2019-2021 Design Values	Comments
12-105-6006	Baptist Children's Home	FEM	Continuous	8.2	
12-115-0013	Bee Ridge Park	FEM	Continuous	7.6	
12-117-1002	Sanford	FEM	Continuous	7.3	
		FRM	Every 12th Day		Collocated FRM monitor
12-127-5002	Daytona - Blind Services	FEM	Continuous	8.1	

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 ₃ , NO _y , CO, SO ₂ _TL, Continuous PM _{2.5}
12-011-0034	Daniela Banu	O ₃ , NO _y _TL, NO _z _TL, NO_TL, CO_TL, SO ₂ _TL, Continuous PM _{2.5} , PM _{10-2.5} , Low Volume PM ₁₀ , PM ₁₀ and PM _{2.5}
12-057-3002	Sydney	O ₃ , NO _y _TL, NO _z _TL, NO_TL, CO_TL, SO ₂ _TL, Continuous PM _{2.5} , PM _{10-2.5} , Low Volume PM ₁₀ , PM ₁₀ and PM _{2.5}

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

Building on the Speciation Trends Network (STN), the two required NCore sites are located 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 SO₂, CO and total reactive nitrogen (NO_y) since 2004. Since the primary use of the NCore sites is to obtain air quality trends analyses, Sydney’s location in a more rural part of the county is ideal for tracking trends that reflect the increasing population.

4.4 PAMS NETWORK

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

1. Hourly averaged speciated volatile organic compounds (VOCs);
2. Three eight-hour averaged carbonyl samples per day on a 1 in 3-day schedule, or hourly averaged formaldehyde;
3. Hourly averaged O₃;
4. Hourly averaged nitrogen oxide (NO), true nitrogen dioxide (NO₂), and total reactive nitrogen (NO_y);
5. Hourly averaged ambient temperature;
6. Hourly vector-averaged wind direction¹;
7. Hourly vector-averaged wind speed¹;
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 NO₂ data collected went through the certification process for 2021. The Florida PAMS PQAO expects both sites to be operational for the 2022 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.

¹ Broward County reports Angular Wind Direction and Wind Speed

PAMS Monitoring Implementation Network Plan – Broward County

PAMS Monitoring Site: Daniela Banu PAMS site (AQS # 12-011-0034) utilizes the NCORE network at Daniela Banu.

Table 4.4 PAMS Network Description, Broward County

POLLUTANT	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE
NMHC	Continuous, PAMS season ONLY	CAS Auto-GC FID	POP EXP	NBH
Carbonyls	3 - 8 hour samples, 1-in-3, during national ozone season ONLY	ATEC 8000	POP EXP	NBH
NO₂	Continuous, PAMS season ONLY	Teledyne T500U	POP EXP	NBH
UV/Solar Radiation	Continuous, PAMS season ONLY	Kipp & Zonen SUV5-V & SMP6-V	POP EXP	NBH
Precipitation Gage	Continuous, PAMS season ONLY	RM Young 52202	POP EXP	NBH
Atmospheric Pressure Gauge	Continuous, PAMS season ONLY	RM Young 61302L	POP EXP	NBH
Mixing Height	Continuous, during national PAMS season ONLY	Vaisala CL51 Ceilometer	POP EXP	NBH

PAMS Monitoring Implementation Network Plan – Hillsborough County

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

Table 4.5 PAMS Network Description, Hillsborough County

POLLUTANT	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE
NMHC	Continuous, PAMS season ONLY	Markes-Agilent Auto-GC FID	POP EXP	NBH
Carbonyls	3 - 8 hour samples, 1-in-3, during national ozone season ONLY	ATEC 8000	POP EXP	NBH
NO₂	Continuous, PAMS season ONLY	Teledyne T500U	POP EXP	NBH
UV/Solar Radiation	Continuous, PAMS season ONLY	Kipp & Zonen SUV5-V & SMP6-V	POP EXP	NBH
Precipitation Gage	Continuous, PAMS season ONLY	RM Young 52202	POP EXP	NBH
Atmospheric Pressure Gauge	Continuous, PAMS season ONLY	RM Young 61302L	POP EXP	NBH
Mixing Height	Continuous, during PAMS season ONLY	Vaisala CL51 Ceilometer	POP EXP	NBH

4.5 NATTS NETWORK

The National Air Toxics Trends Station (NATTS) Network was developed to fulfill the need for long-term Hazardous Air Pollutants (HAPs) monitoring data of consistent quality. Among the principle 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, PM₁₀ 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 SO₂ MONITORING NETWORK

Florida’s air monitoring network complies with current SO₂ monitoring requirements. Ambient monitoring is required for Core Based Statistical Areas (CBSAs) whose Population Weighted Emission Index (PWEI) is above 5,000. One SO₂ 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 SO₂ 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 SO₂ Monitoring Requirements

Core Based Statistical Areas (CBSA)	Counties	2019 Census Population	Total CBSA Emissions	PWEI 2017 NEI	SO ₂ Monitors Needed	SO ₂ Monitors Operating
Miami-Fort Lauderdale ¹ -West Palm Beach	Broward, Miami-Dade, Palm Beach	6,166,488	5,378.63	33,167.24	1	2
Tampa ¹ -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 ¹	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
Total					5	18

¹ CBSA operates a NCore site

Table 4.8 Florida's SO₂ Network

CBSA	AQS #	Site Name	Pollutant	Monitoring Purpose
Miami-Fort Lauderdale- West Palm Beach	12-011-0034	Daniela Banu (NCore Site)	SO ₂	Population
	12-086-0019	Pennsuco	SO ₂	Population
Tampa-St. Petersburg-Clearwater	12-057-0112	Apollo Beach	SO ₂	Source
	12-057-0109	East Bay	SO ₂	Source
	12-057-1035	Davis Island (Coast Guard Station)	SO ₂	Population
	12-057-3002	Sydney (NCore Site)	SO ₂	Population
	12-103-0023	Derby Lane	SO ₂	Population
	12-103-5003	Oakwood	SO ₂	Source
Orlando-Kissimmee-Sanford	12-095-2002	Lake Isle Estates - Winter Park	SO ₂	Regulatory
Jacksonville	12-089-0005	Fernandina Beach Wastewater Treatment Plant	SO ₂	Regulatory
	12-031-0032	Kooker Park	SO ₂	Data Trends
North Port-Sarasota-Bradenton	12-081-0028	Port Manatee DEP	SO ₂	Source
Lakeland-Winter Haven	12-105-6005	Sikes Elementary School	SO ₂	Regulatory
Pensacola-Ferry Pass-Brent	12-033-0004	Ellyson Industrial Park	SO ₂	Population
Palatka	12-107-1008	Palatka Barge Port	SO ₂	Source
Tallahassee	12-129-0001	St. Marks Wildlife Refuge (NCore Site)	SO ₂	Background
Homosassa Springs	12-017-0006	Crystal River Preserve	SO ₂	Source
N/A	12-047-0017	White Springs Plant ¹	SO ₂	Source

¹ White Springs site (AQS # 12-047-0015) shut down on 1/27/2022. White Springs Plant site (AQS # 12-047-0017) started collection on 3/24/2022.

4.7 NO₂ MONITORING NETWORK

There are two phases for the implementation of NO₂ near-road monitoring:

- Phase I: CBSAs with a population over 1 million are required to have at least one NO₂ near-road monitor
- Phase II: CBSAs with a population over 2.5 million or more are required to operate two NO₂ near-road monitors.

Phase I and II NO₂ near-road monitoring also require community-wide monitoring for areas with a population over 1 million and NO₂ monitoring of vulnerable and susceptible populations.

In Florida, the NO₂ near-road monitoring areas are Tampa, Fort Lauderdale, Jacksonville, and Orlando. All Phase I NO₂ near-road sites within these areas have been established. However, the Phase I near-road NO₂ 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. Orange County will work with FDOT to enter into a lease agreement for the permanent location starting this year 2022. The site should be operational within one year after all parties have reached an agreement and land has been released from the I-4 Ultimate Improvement Project.

The 2018 census estimates indicated that the population for the Orlando-Kissimmee CBSA is now above 2.5 million and as a result will require a second NO₂ near-road site. Florida DEP, Orange County and EPA Region 4 are working collaboratively on the implementation of this site. The goal is to have the site location operational by July 2023. A Network Plan Addendum was available for comment December 29, 2021 through January 28, 2022. EPA Region 4 approved of the addendum on March 8, 2022.

All other Phase II NO₂ 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 NO₂ 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 NO₂ 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 ¹	1	1	4
Tampa-St. Petersburg-Clearwater	3,175,275	N/A	2 ¹	1	N/A	3
Orlando-Kissimmee	2,673,376	N/A	2 ¹	1	N/A	3
Jacksonville	1,605,848	N/A	1	1	N/A	2
Total						12

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

Community-wide NO₂ Monitoring

Community-wide NO₂ 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 NO₂ monitors that have been designated as community-wide monitors are listed in Table 4.10 below.

Vulnerable and Susceptible Monitoring

The 2010 NO₂ NAAQS revision included monitoring requirements for vulnerable and susceptible populations. Vulnerable populations are those exposed to higher concentrations of NO₂, 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 NO₂ 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 NO₂ site, located at the University of Miami, Rosenstiel site (AQS # 12-086-0027), has been designated as a vulnerable and susceptible monitoring site for NO₂. 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 NO₂ 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 NO₂ Near-road Network and Monitor Designations

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

¹ Orlando-Kissimmee I-4 near-road site has been 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 2019 to 2021.

Table 4.11 Florida's CO Network

AQS #	Site Name	Pollutant	Exceedances for 2019-2021	Comments
12-011-0034	Daniela Banu (NCore Site)	CO	0	
12-011-0035	Fort Lauderdale Near Road	CO	0	Supports Near-road NO ₂ Monitoring
12-031-0108	Pepsi Place	CO	0	Supports Near-road NO ₂ Monitoring
12-057-0113	Munro Street	CO	0	Supports Near-road NO ₂ Monitoring
12-057-3002	Sydney (NCore Site)	CO	0	
12-086-0035	Perimeter Road	CO	0	
12-095-0011	Presidents Drive	CO	0	SU Expected July 2023
12-095-2002	Lake Isle Estates - Winter Park	CO	0	
12-103-0027	Sawgrass Lake Park	CO	0	Supports Near-road NO ₂ Monitoring
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	CO	0	

4.9 PM₁₀ MONITORING NETWORK

The Federal Equivalent Method Network

Florida's PQA currently operates 21 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 PM₁₀ particles are transported to and within the state, to identify the parts of the state with the highest concentrations, and to determine where PM₁₀ 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 PM₁₀ monitoring sites meet the NAAQS for calendar years 2019 to 2021, as detailed in Table 4.12.

Table 4.12 Florida's PM₁₀ Network

AQS #	Site Name	County	Method: FRM/FEM	Operating Schedule	Exceedances for 2019- 2021	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	
12-031-0108	Pepsi Place	Duval	FEM	Continuous	0	Closed 05/2019
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	
12-086-1016	Miami Fire Station	Miami-Dade	FEM	Continuous	0	
12-091-0002	Fort Walton Beach	Okaloosa	FEM	Continuous	0	
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	Waiver approved by EPA in the 2021 network plan for an additional 5 years.

AQS #	Site Name	County	Method: FRM/FEM	Operating Schedule	Exceedances for 2019- 2021	Comments
12-103-0018	Azalea Park	Pinellas	FEM	Continuous	0	
12-103-3004	County Motorpool	Pinellas	FEM	Continuous	0	
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 2019 to 2021 design values are detailed in Table 4.13 below.

Table 4.13 Florida's Lead Source Monitoring Network

AQS #	Site Name	2019-2021 Design Values
12-057-0100	Kenly	0.01
12-057-1066	Gulf Coast Lead	0.09
12-057-1073	Patent Scaffolding	0.06

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 demonstrates that the siting waiver requests below meet the criteria of 10.1.1 or 10.1.2, and request 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 NO₂ and O₃ 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 PM₁₀ 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 PM₁₀ concentrations.

6. Glossary of Air Monitoring Terms

Term	Meaning
ADDT	Annual Average Daily Traffic
AQI	Air Quality Index – EPA’s standardized method of reporting air quality information and forecast to the public.
AQS	Air Quality System – EPA’s repository of ambient air quality data.
BAM	Beta Attenuation Mass Monitor – a type of continuous PM _{2.5} monitor.
CBSA	Core Based Statistical Area – a collective term for both metropolitan (metro) and micropolitan (micro) statistical areas.
CFR	Code of Federal Regulations
CO	Carbon monoxide – an odorless, colorless gaseous; one of the "Six Common Air Pollutants," also known as "Criteria Pollutants," regulated by EPA.
FE-AADT	Fleet Equivalent Annual Average Daily Traffic – a value calculated according to the NO ₂ near-road technical assistance document, which weighs heavy-duty traffic 10 times more than other vehicles.
FEM	Federal Equivalence Method – method approved for comparison to NAAQS.
FRM	Federal Reference Method – method approved for comparison to NAAQS.
IMPROVE	Interagency Monitoring of Protected Visual Environments
MSA	Metropolitan Statistical Area – a "geographic entity defined by the U.S. Office of Management and Budget (OMB) for use by federal statistical agencies in collecting, tabulating, and publishing Federal statistics." A MSA consists of a core urban area of at least 50,000 people.
NAAQS	National Ambient Air Quality Standards – maximum threshold concentrations above which adverse health effects may occur. EPA established NAAQS for Criteria Pollutants based on the 1970 Clean Air Act.
NAATS	National Air Toxics Trends Stations
NCORE	National Core multi-pollutant monitoring stations – a collection of monitors that integrates several advanced measurement systems for particles, pollutant gases and meteorology.
NEI	National Emissions Inventory
NO	Nitrogen oxide
NO₂	Nitrogen dioxide – a by-product of incomplete combustion that is intimately involved in photochemistry and ozone formation, as well as acid rain formation.
NO_x	A measure of total oxides of nitrogen, consisting primarily of nitrogen dioxide (NO ₂) and nitric oxide (NO).
NO_y	Total reactive nitrogen – a collective name for oxidized forms of nitrogen in the atmosphere, such as nitric oxide (NO), nitrogen dioxide (NO ₂), nitric acid (HNO ₃) and organic nitrates.
O₃	Ozone – a gaseous pollutant and a component of smog at ground level; one of the "Six Common Air Pollutants," also known as "Criteria Pollutants," regulated by EPA.
PAMS	Photochemical Assessment Monitoring Station
PM	Particulate Matter – also known as particle pollution.
PM_{2.5}	Particulate Matter 2.5 micrometers in diameter and smaller.
PM₁₀	Particulate Matter 10 micrometers in diameter and smaller.
PM_{10-2.5}	Particle size between 10 and 2.5 micrometers.
PQAO	Primary Quality Assurance Organization

Term	Meaning
PWEI	Population Weighed Emissions Index
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SLAMS	State and Local Air Monitor Stations
SO₂	Sulfur dioxide
SPM	Special Purpose Monitors
STN	Speciation Trends Network
SU/SD	Set-up/ Shut-down

7. Appendices

Appendix A: Additional Network Information

This appendix provides additional information to facilitate a full evaluation of several 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 2021-2022.

Appendix C: Ambient Air Monitoring Network Description

Florida's air monitoring network, including changes expected through June 30, 2023, 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 several relocations within Florida's air monitoring network.

A.1 Site Relocations

➤ Wittkop Park Site (AQS # 12-086-6002)

The Homestead Fire Station site (AQS # 12-086-6001) was vacated due to structural integrity issues with the building. The new, Wittkop Park site, is located 711 meters northwest of the Homestead Fire Station site. The new site is located on the Homestead Public Services property and assigned a new AQS site number (12-086-6002) due to the change in address. Figures 7.1-7.6. provides the updated photographs and wind rose for the Wittkop Park site.

Photos and Wind Rose for the Miami-Dade County: Wittkop Park Site (AQS # 12-086-6002)

Figure 7.1 North from Wittkop Park Site (AQS # 12-086-6002)



Figure 7.2 South from Wittkop Park Site (AQS # 12-086-6002)



Figure 7.3 East from Wittkop Park Site (AQS # 12-086-6002)



Figure 7.4 West from Wittkop Park Site (AQS # 12-086-6002)



Figure 7.5 Aerial of Wittkop Park Site (AQS # 12-086-6002)

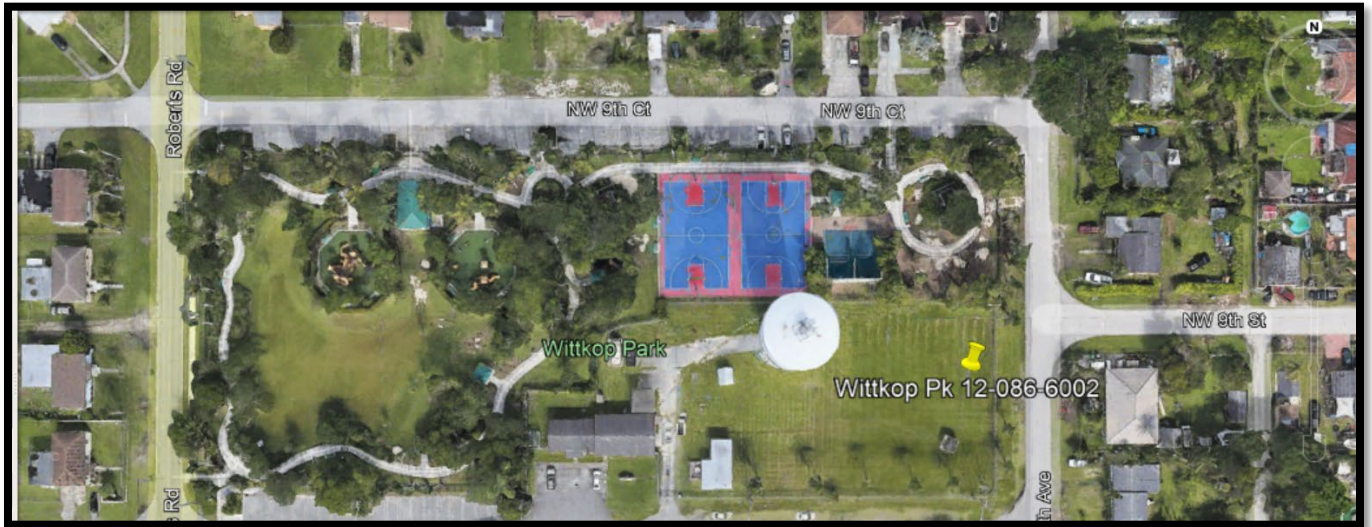
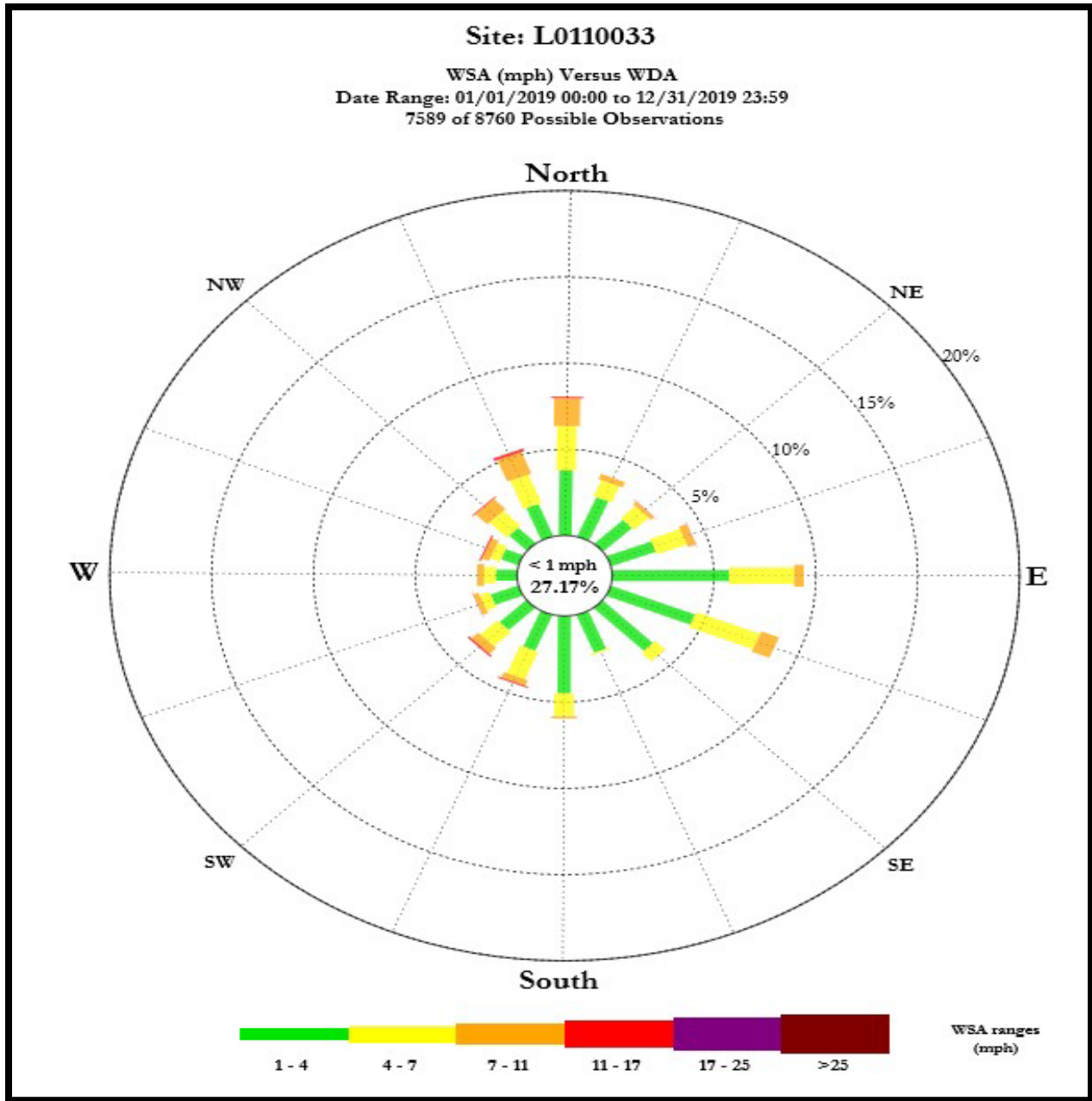


Figure 7.6 Wind Rose from Wittkop Park Site (AQS # 12-086-6002)



➤ **White Springs Plant: AQS # 12-047-0017**

The White Springs Plant site (AQS # 12-047-0017) was relocated 131 meters SW of the previous White Springs site (AQS # 12-047-0015) due to the property owner's (Nutrien White Springs Agricultural Chemicals, Inc.) request. The site remains representative of the area's air mass. Figures 7.7 – 7.12 provides the photographs and wind rose for the White Springs Plant site.

Photos and Wind Rose for the Hamilton County: White Springs Plant Site (AQS # 12-047-0017)

Figure 7.7 North Facing in from the White Springs Plant Site (AQS # 12-047-0017)



Figure 7.8 East Facing in from the White Springs Plant Site (AQS # 12-047-0017)



Figure 7.9 South Facing in from the White Springs Plant Site (AQS # 12-047-0017)



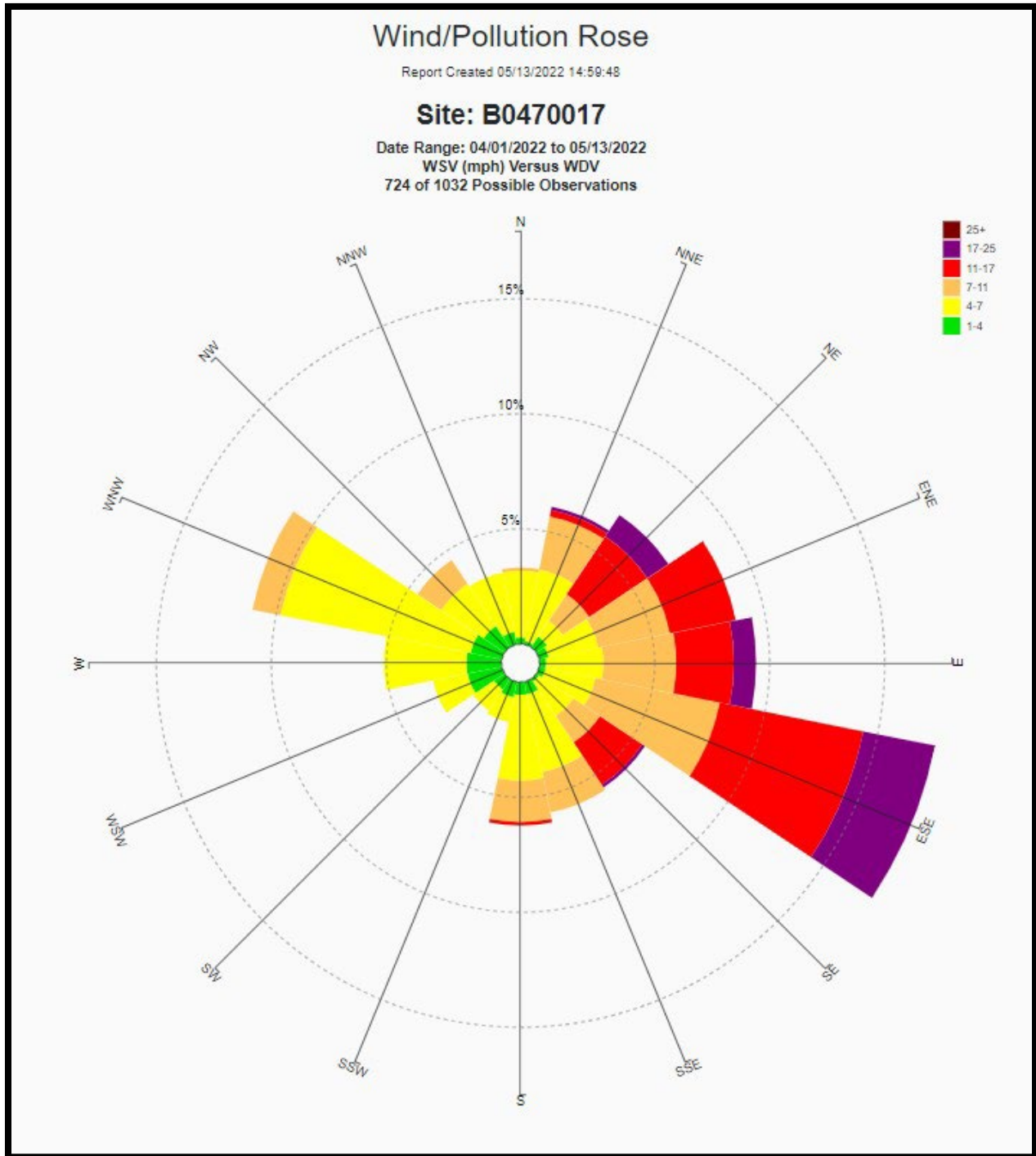
Figure 7.10 West Facing in from the White Springs Plant Site (AQS # 12-047-0017)



Figure 7.11 Aerial of White Springs Plant Site (AQS # 12-047-0017)



Figure 7.12 Wind Rose from White Spring Plant (AQS # 12-047-0017)



➤ **Bay Oaks Park Site (AQS # 12-071-3002)**

In the 2021 Network Plan, Florida DEP proposed to temporarily relocate the ozone monitor at Bay Oaks Park site (AQS # 12-071-3002) in the Cape Coral-Fort Myers, FL MSA to the nearby Winkler Pump Station site (AQS # 12-071-0005). Florida DEP was notified in August 2020 by the Bay Oaks Park property owner that the site must be relocated due to planned construction. EPA approved this temporary relocation and worked with Florida DEP to find a permanent highest concentration ozone site for the 2022 Network Plan. EPA also approved the use of a combined dataset between the two sites for calculation of ozone design values, as described in 40 CFR Part 50 Appendix U, Section 2(c). Forty (40) CFR Part 58, Appendix D, Section 4.1(b) requires that “within an ozone network, at least one ozone site for each MSA, or CSA if multiple MSAs are involved, must be designed to record the maximum concentration for that particular metropolitan area.”

The Cape Coral-Fort Myers MSA consists of Lee county with principal cities in Fort Myers and Cape Coral, and a current population of 760,822². The Rotary Park site (AQS # 12-071-2002) monitoring objective for ozone has been high concentration for the MSA since 2001, which analysis shows should remain the high concentration site for the MSA, and the second ozone monitor at Winkler Pump Station site (AQS # 12-071-0005) should remain where it is to monitor population exposure.

Per EPA’s request, Florida DEP presents the results of this analysis below. Table 7.1 provides the 2019-2021 ozone design values for sites in the MSA, Figure 7.13 provides the locations of the ozone monitors in the MSA, Figure 7.14 presents the 2012 – 2020 annual 4th highest daily maximum 8-hour ozone concentrations by site, and Figure 7.15 presents the 2017-2020 the maximum daily 1-hour ozone plot for Bay Oaks and Rotary Park sites.

Table 7.1 SLAMS Minimum Ozone Monitoring Requirements

MSA Population ^{1,2}	Most recent 3-year design value concentrations ≥85% of any O ₃ NAAQS ³	Most recent 3-year design value concentrations <85% of any O ₃ NAAQS ^{3, 4}	MSA Population: Cape-Coral – Fort Myers ²	Design Values 2019-2021 ⁵
350,000-4 million	2	1	760,822	Bay Oaks: 60 ⁵
				Rotary Park: 62
				Winkler Pump Station: 53 ⁵

¹Minimum monitoring requirements apply to the MSA.

²Population based on latest available census figures.

³The ozone (O₃) National Ambient Air Quality Standards (NAAQS) level and forms are defined in 40 CFR Part 50.

⁴These minimum monitoring requirement apply in the absence of a design value.

⁵Annual values not meeting completeness criteria.

² Decennial Census data for the 2020 Census Redistricting Data Table ID: P1, Data set: DECENNIALPL2020 found at the web address listed: <https://data.census.gov/cedsci/table?t=Populations%20and%20People&g=0400000US12%240500000&tid=DECENNIALPL2020.P1>

Figure 7.13 Cape Coral-Fort Myers MSA: Lee County (Principal Cities are Cape Coral and Fort Myers)

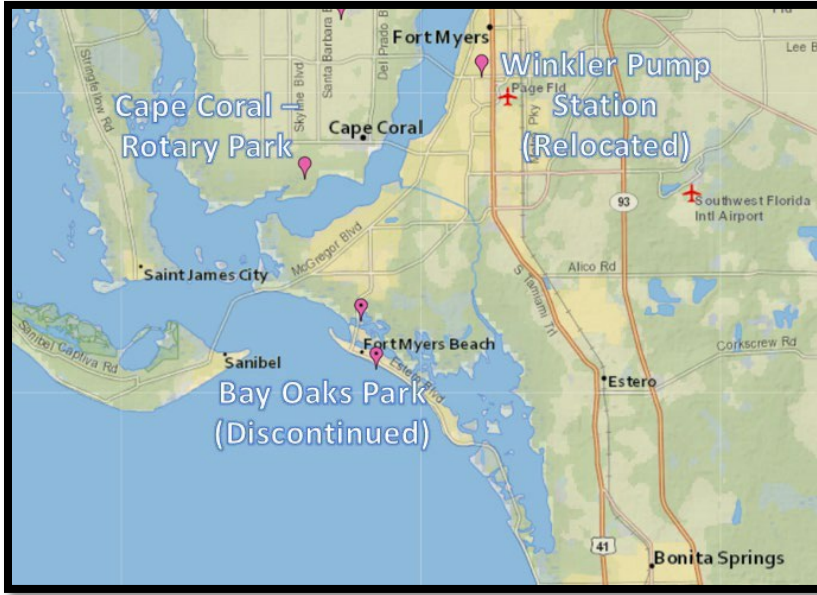


Figure 7.14 Annual 4th Highest Daily Maximum 8-Hr Ozone Concentration by Site

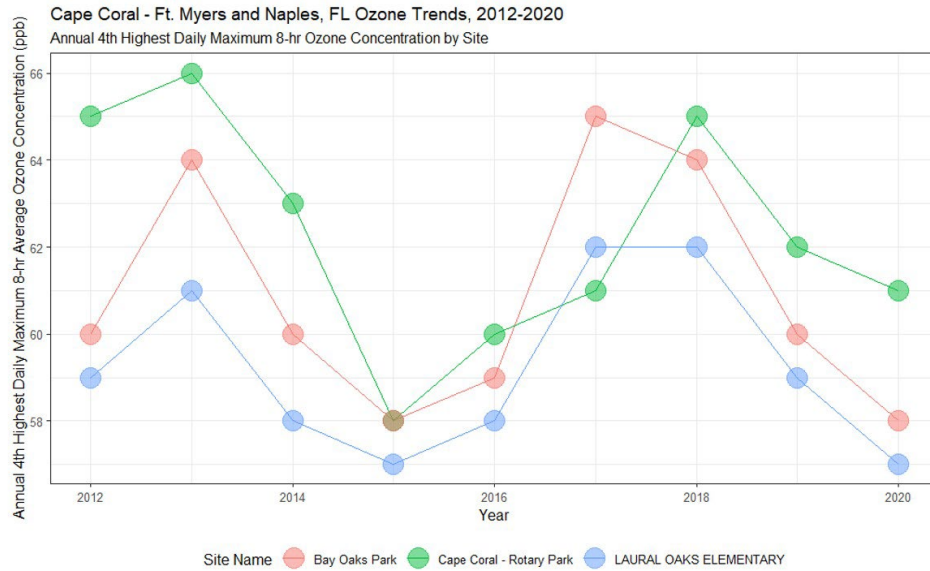
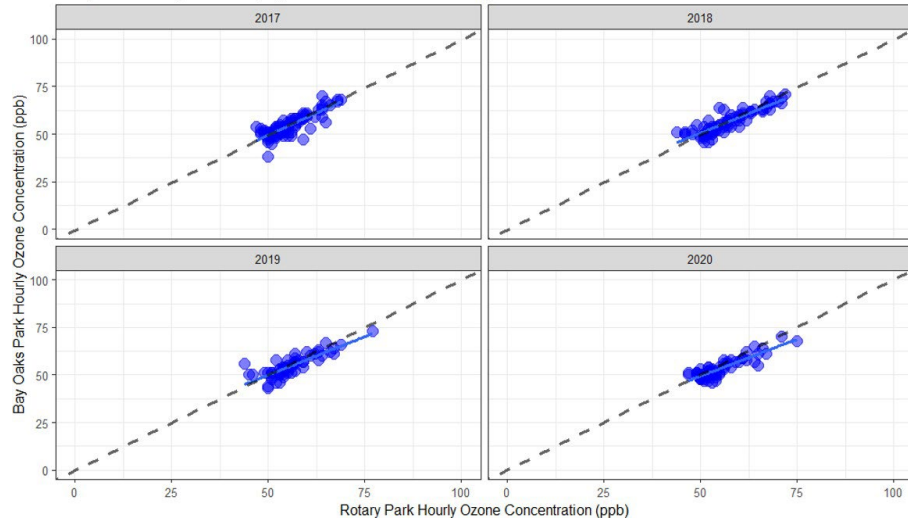


Figure 7.15 Maximum Daily 1-Hr Ozone Correlation Plot

Maximum Daily 1-hr Ozone Correlation Plot
Rotary Park and Bay Oaks Park, days when either site exceeded 50 ppb



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 2021-2022

12-001-3012	PAYNES PRAIRIE FARM	Nature Coast (44)	Oz, Cont PM _{2.5}	1/25/2022	NO	
12-003-0002	OLUSTEE	First Coast (48)	Oz	7/26/2021	NO	
12-005-0006	ST. ANDREWS STATE PARK	Emerald Coast (42)	Oz, Cont PM _{2.5}	4/12/2022	NO	
12-009-0007	MELBOURNE	Space Coast (47)	Oz, FRM PM _{2.5} , Cont PM _{2.5} , Cont PM ₁₀	1/24/2022	NO	
12-009-4001	COCOA BEACH	Space Coast (47)	Oz	4/19/2022	NO	
12-011-0033	VISTA VIEW	Broward County PPRAQD (17)	Oz, Cont PM _{2.5} , Toxics	10/26/2021	NO	
12-011-0034	BANU	Broward County PPRAQD (17)	Oz, Cont PM ₁₀ (2), FRM PM _{2.5} (2), Cont PM _{2.5} , TCO, TSO ₂ , NO _y , SASS, URG, Low Vol PM ₁₀ , Summa	8/18/2021	NO	
12-011-0035	FORT LAUDERDALE NEAR ROAD	Broward County PPRAQD (17)	NO ₂ , CO, Cont PM _{2.5} , Ultrafine, Toxics, Summa	6/9/2021	NO	
12-011-2003	POMPANO HIGHLANDS	Broward County PPRAQD (17)	Oz, FRM PM _{2.5}	8/18/2021	NO	
12-011-5005	COCONUT CREEK PARK	Broward County PPRAQD (17)	FRM PM _{2.5}	10/25/2021	NO	
12-011-8002	DR. VON MIZELL-EULA JOHNSON (FORMERLY JOHN U. LLOYD)	Broward County PPRAQD (17)	Oz, NO ₂ , Toxics	2/16/2021	NO	
12-017-0006	CRYSTAL RIVER PRESERVE	Nature Coast (44)	SO ₂	3/16/2021	NO	
12-021-0004	LAUREL OAKS ELEMENTARY	Lee Island Coast (46)	Oz, Cont PM _{2.5}	1/11/2022	NO	
12-023-0002	LAKE CITY - VETERANS DOMICILE	First Coast (48)	Oz, Cont PM _{2.5}	1/3/2022	NO	
12-031-0032	KOOKER PARK	City of Jacksonville EQD (11)	SO ₂ , NO ₂ , FRM PM _{2.5} , Cont PM ₁₀	1/18/2022	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date	Issues Found	Comment
12-031-0077	SHEFFIELD	City of Jacksonville EQD (11)	Oz, Cont PM _{2.5} , Toxics	5/17/2022	YES	Trees are too tall to the NW and NE: agency is working on resolving the issue.
12-031-0081	CEDAR BAY RD.	City of Jacksonville EQD (11)	SO ₂	3/22/2021	NO	
12-031-0098	MANDARIN	City of Jacksonville EQD (11)	FRM PM _{2.5} , Cont PM _{2.5}	5/17/2022	NO	
12-031-0099	SUNNY ACRES PARK	City of Jacksonville EQD (11)	FRM PM _{2.5} (2)	11/9/2021	NO	
12-031-0100	MAYO CLINIC	City of Jacksonville EQD (11)	Oz, Cont PM _{2.5} , Toxics	8/10/2021	YES	There are two (2) pine trees that are outside of the 26.5-degree angle limit. Tree (NE) 24.2 meters, 27.8 degrees and Pine tree (SW) 24.4 meters at 26.8 degrees.
12-031-0106	CISCO DRIVE	City of Jacksonville EQD (11)	Oz	1/27/2022	NO	
12-031-0108	PEPSI PLACE	City of Jacksonville EQD (11)	NO ₂ , CO, Cont PM _{2.5} , Cont PM ₁₀	5/16/2022	NO	
12-033-0004	ELLYSON IND. PARK	Naval Aviation Coast (41)	Oz, SO ₂ , FRM PM _{2.5} , Cont PM _{2.5}	1/4/2022	NO	
12-033-0018	PENSACOLA NAS	Naval Aviation Coast (41)	Oz	7/27/2021	NO	
12-035-0004	FLAGLER	Space Coast (47)	Oz	7/14/2021	NO	
12-047-0015	WHITE SPRINGS	First Coast (48)	SO ₂ , Cont PM _{2.5}	1/3/2022	NO	
12-047-0016	WHITE SPRINGS PLANT	First Coast (48)	SO ₂ , Cont PM _{2.5}	3/24/2022	NO	
12-055-0003	ARCHBOLD	Lee Island Coast (46)	Oz	1/10/2022	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date	Issues Found	Comment
12-057-0081	SIMMONS PARK	Hillsborough County EPC (12)	Oz	10/26/2021	NO	
12-057-0083	GARDINIER	Hillsborough County EPC (12)	Cont PM ₁₀	4/20/2022	NO	
12-057-0100	KENLY	Hillsborough County EPC (12)	Pb	4/20/2022	NO	
12-057-0109	EAST BAY	Hillsborough County EPC (12)	SO ₂	2/15/2022	NO	
12-057-0112	APOLLO BEACH	Hillsborough County EPC (12)	SO ₂ , Cont PM _{2.5}	2/16/2022	NO	
12-057-0113	MUNRO STREET	Hillsborough County EPC (12)	TNO ₂ , TCO, Cont PM _{2.5}	6/22/2021	NO	
12-057-1035	DAVIS ISLAND	Hillsborough County EPC (12)	Oz, SO ₂ , Cont PM ₁₀	8/10/2021	NO	
12-057-1065	GANDY	Hillsborough County EPC (12)	Oz, NO ₂ , Cont PM _{2.5}	4/19/2022	NO	
12-057-1066	GULF COAST LEAD	Hillsborough County EPC (12)	Pb (2)	4/20/2022	NO	
12-057-1073	PATENT	Hillsborough County EPC (12)	Pb	8/10/2021	NO	
12-057-3002	SYDNEY	Hillsborough County EPC (12)	Oz, NO _y , TSO ₂ , TCO, Cont PM _{2.5} , FRM PM _{2.5} (2), Cont PM ₁₀ (2), Low Vol PM ₁₀ , PM ₁₀ /Puff, SASS, URG, Toxics, Summa, ERG, Aromatic Hydrocarbon, PAMS NO ₂ D	3/15/2022	NO	
12-059-0004	BONIFAY TRI-COUNTY AIRPORT	Emerald Coast (42)	Oz, Cont PM _{2.5}	10/12/2021	NO	
12-069-0002	CLERMONT	Space Coast (47)	Oz	9/28/2021	NO	
12-071-0005	FT. MYERS WTP	Lee Island Coast (46)	FRM PM _{2.5} , Cont PM _{2.5} , Cont PM ₁₀	1/11/2021	NO	
12-071-2002	CAPE CORAL	Lee Island Coast (46)	Oz	7/20/2021	NO	
12-071-3002	FT. MYERS BEACH	Lee Island Coast (46)	Oz	4/28/2021	NO	
12-073-0012	TALLAHASSEE CC	Forgotten Coast (43)	Oz, FRM PM _{2.5} (2), Cont PM _{2.5} , SASS, URG, RADNET	5/17/2022	NO	
12-081-0028	PORT MANATEE (DEP SO ₂)	Sun Coast (45)	SO ₂	4/26/2022	NO	
12-081-3002	PORT MANATEE	Manatee County EMD (14)	Oz	8/23/2021	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date	Issues Found	Comment
12-081-4012	GT BRAY PARK	Manatee County EMD (14)	Oz	8/24/2021	NO	
12-081-4013	39TH STREET	Manatee County EMD (14)	Oz	8/25/2021	NO	
12-083-0003	OCALA YMCA	Nature Coast (44)	Oz, Cont PM _{2.5}	6/15/2021	NO	
12-083-0004	MARION COUNTY SHERIFF	Nature Coast (44)	Oz	11/9/2021	NO	
12-085-0007	STUART	Space Coast (47)	Oz, Cont PM _{2.5}	1/25/2022	NO	
12-086-0019	PENNSUCO	Miami-Dade County RER (18)	SO ₂	2/7/2022	NO	
12-086-0027	ROSENSTIEL	Miami-Dade County RER (18)	Oz, NO ₂	8/3/2021	YES	EPA approved waiver
12-086-0029	PERDUE	Miami-Dade County RER (18)	Oz, Toxics	2/7/2022	NO	
12-086-0033	PALM SPRINGS	Miami-Dade County RER (18)	FRM PM _{2.5}	2/8/2021	NO	
12-086-0034	KENDALL	Miami-Dade County RER (18)	PM _{2.5}	2/9/2022	NO	
12-086-0035	PERIMETER ROAD	Miami-Dade County RER (18)	NO ₂	6/22/2021	NO	
12-086-1016	MIAMI FIRE STATION	Miami-Dade County RER (18)	FRM PM _{2.5} (1), Cont PM _{2.5} , Cont PM ₁₀	8/2/2021	NO	
12-086-6001	HOMESTEAD	Miami-Dade County RER (18)	FRM PM _{2.5} , Cont PM _{2.5}	2/9/2022	NO	
12-086-6002	WITTKOP PARK	Miami-Dade County RER (18)	Cont PM _{2.5}	2/9/2022	NO	
12-089-0005	FERNANDINA BEACH	First Coast (48)	SO ₂	1/5/2022	NO	
12-091-0002	FT. WALTON BEACH	Emerald Coast (42)	Oz, Cont PM ₁₀	10/13/2021	NO	
12-095-0009	I-4	Orange County EPD (20)	NO ₂ , CO, Cont PM _{2.5}	2/2022	YES	Orange County will work with FDOT to locate the site in its permanent location.
12-095-0010	SKYVIEW	Orange County EPD (20)	Oz	8/25/2021	NO	
12-095-0011	PRESIDENTS DRIVE (PROPOSED NEAR ROAD)	Orange County EPD (20)	NO ₂ , CO	12/1/2021	NO	Orange County will work to resolve tree, bamboo, and shrub issues

AQS #	Site Name	Agency	Parameters	Site Review Date	Issues Found	Comment
						before site startup.
12-095-2002	WINTER PARK	Orange County EPD (20)	Oz, NO ₂ , SO ₂ , CO, FRM PM _{2.5} (2), Cont PM ₁₀ (2), Cont PM _{2.5} , Summa, Carbonyl	2/8/2022	NO	
12-097-2002	KISSIMMEE FIRE	Space Coast (47)	Oz	9/28/2021	NO	
12-099-0008	BELLE GLADE	Palm Beach County EPH (16)	Cont PM _{2.5}	4/25/2022	NO	
12-099-0021	LANTANA SCRUB PRESERVE	Palm Beach County EPH (16)	Oz, NO ₂	4/26/2022	NO	
12-099-0022	LAMSTEIN LANE	Palm Beach County EPH (16)	Oz, FRM PM _{2.5} (2), Cont PM ₁₀	10/19/2021	NO	
12-099-2005	DELRAY BEACH	Palm Beach County EPH (16)	FRM PM _{2.5} , Cont PM ₁₀ .	10/18/2021	NO	
12-101-0005	SAN ANTONIO	Sun Coast (45)	Oz	4/27/2022	NO	
12-101-2001	HOLIDAY	Sun Coast (45)	Oz	3/23/2022	NO	
12-103-0004	ST. PETERSBURG COLLEGE	Pinellas County AQD (13)	Oz, Cont PM _{2.5}	2/23/2022	NO	
12-103-0012	WOODLAWN (PINELLAS)	Pinellas County AQD (13)	Cont PM ₁₀	8/31/2021	YES	EPA approved waiver
12-103-0018	AZALEA PARK	Pinellas County AQD (13)	Oz, NO ₂ , Cont PM ₁₀ , Cont PM _{2.5} , VOC	8/31/2021	NO	
12-103-0023	DERBY LANE	Pinellas County AQD (13)	SO ₂	11/17/2021	NO	
12-103-0027	SAWGRASS LAKE	Pinellas County AQD (13)	NO ₂ , CO, Aethalometer	6/8/2021	NO	
12-103-3004	COUNTY MOTORPOOL	Pinellas County AQD (13)	Cont PM ₁₀	11/16/2021	NO	
12-103-5002	EAST LAKE	Pinellas County AQD (13)	Oz, Cont PM _{2.5} , Cont PM ₁₀	5/25/2021	NO	
12-103-5003	OAKWOOD	Pinellas County AQD (13)	SO ₂	5/25/2021	NO	
12-105-6005	SIKES ELEMENTARY	Sun Coast (45)	Oz, SO ₂	9/21/2021	NO	
12-105-6006	BAPTIST CHILDREN'S HOME	Sun Coast (45)	Oz, FRM PM _{2.5} (2), Cont PM _{2.5} , Cont PM ₁₀	2/22/2022	NO	
12-107-1008	PALATKA BARGE PORT	Nature Coast (44)	SO ₂ , Cont PM ₁₀	1/24/2022	NO	
12-111-0013	SAVANNAS	Space Coast (47)	Oz	1/24/2022	NO	
12-113-0015	WOODLAWN BEACH MIDDLE	Naval Aviation Coast (41)	Oz, Cont PM _{2.5}	1/5/2022	NO	

AQS #	Site Name	Agency	Parameters	Site Review Date	Issues Found	Comment
12-115-0013	BEE RIDGE	Sarasota County AWQD (15)	FRM PM _{2.5} , Cont PM _{2.5}	6/14/2021	NO	
12-115-1005	LIDO PARK	Sarasota County AWQD (15)	Oz	12/7/2021	NO	
12-115-1006	PAW PARK	Sarasota County AWQD (15)	Oz, NO ₂ , Cont PM ₁₀	12/6/2021	NO	
12-115-2002	JACKSON ROAD	Sarasota County AWQD (15)	Oz, Cont PM _{2.5}	6/15/2021	NO	
12-117-1002	SEMINOLE CC	Space Coast (47)	Oz, FRM PM _{2.5} , Cont PM _{2.5} , Cont PM ₁₀	4/18/2022	NO	
12-127-5002	DAYTONA BEACH	Space Coast (47)	Oz, FRM PM _{2.5} , Cont PM _{2.5} , Cont PM ₁₀	7/15/2021	NO	
12-129-0001	ST. MARKS WILDLIFE	Forgotten Coast (43)	Oz, NO _y , TSO ₂ , TCO, Cont PM _{2.5}	1/18/2022	NO	

¹Includes site reviews conducted as of May 20, 2022.

*Primary and collocated monitor.

APPENDIX C: AMBIENT AIR MONITORING NETWORK DESCRIPTION

Florida's air monitoring network, including changes expected through June 30, 2023, 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 _{2.5}	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 ₂	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 ₁₀	3	Continuous	Teledyne 640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/2019; FEM
			SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2015
			SLAMS	PM _{2.5}	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 ₂	1	Continuous	Thermo 42i-Y	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			CSN	SPEC. PM _{2.5}	5	Every 6th Day	MET One SASS	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			CSN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			NON-REG	Toxics		Every 6th Day	ATEC 2200	POP EXP	NBH	BASELINE MONITORING		SU 11/1/2015
			NON-REG	Meteorology		Continuous	RM Young Wind Speed/ Wind Direction	POP EXP	NBH	SUPPORT NCORE NETWORK		SU 01/1/2020
NON-REG	Meteorology		Continuous	RM Young 41342 VC T/ RH Sensor	POP EXP	NBH	SUPPORT NCORE NETWORK		SU 01/1/2020;			
12-011-0035	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 ₂	1	Continuous	Teledyne T200UP	POP EXP	URBAN	NEEDED BY REGULATION		SU 8/1/2015; Near-road Site
			SLAMS	PM _{2.5}	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	UFP	1	Continuous	TSI 3031	POP EXP	URBAN	NEEDED BY REGULATION	SHUTDOWN	SU 3/15/2017 SD 3/1/2021
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 _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	INTERPOLATION		SU 4/1/2019; FEM
12-011-5005	Coconut Creek	5005 Winston Park Blvd, Coconut Creek, FL 33073; 26.294167, -80.176389	SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2021
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2021
12-011-8002	Dr. Von Mizell-Eula Johnson State park	7000 N. Ocean Dr., Dania, FL 33004; 26.087198, -80.111415	SLAMS	NO ₂	1	Continuous	Thermo 42i	POP EXP	NBH	COMM-WIDE MONITORING	REPLACED BY FEM	SU 7/8/1990
			SLAMS	NO ₂	1	Continuous	Teledyne T500U	POP EXP	NBH	COMM-WIDE MONITORING	ADD	SU EXPECTED 10/1/2022
			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 ₂	1	Continuous	Teledyne T200	HI CONC	NBH	NEEDED BY REGULATION	ADD	SU 10/7/2021
			SLAMS	SO ₂	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 8/18/1987
12-086-0027	Rosenstiel (University of Miami)	4600 Rickenbacker Causeway, Miami, FL 33149; 25.732500, -80.161944	SLAMS	NO ₂	1	Continuous	Teledyne T200	POP EXP/ UPWIND BKGD	NBH	VULNERABLE AND SUSCEPTIBLE MONITORING		SU 1/30/1985
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP/ UPWIND BKGD	NBH	NEEDED BY REGULATION		SU 3/7/1984
12-086-0029	Perdue	19590 Old Cutler Rd, Cutler Ridge, FL 33157; 25.586944, -80.326111	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 5/1/1985

12-086-0033	Palm Springs Fire Station	7700 NW 186th St, Palm Springs, FL 33015; 25.9419444, -80.3263889	SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	MONITORING GROWTH IMPACT		SU 5/4/2005
12-086-0034	Kendall	9015 SW 127th Ave, Miami, FL 33186; 25.683330, -80.399722	SPM	PM _{2.5}	1	Continuous	Thermo 1405	POP EXP	MIDDLE	USED FOR AQI		SU 7/1/2018
12-086-0035	Perimeter Road	5600 Perimeter Road, Miami, FL 33126; 25.7854722, -80.2842055	SLAMS	CO	1	Continuous	Teledyne T300E	SOURCE	NBH	TRENDS MONITORING	ADD	SU 9/24/2021
			SLAMS	NO ₂	1	Continuous	Teledyne T200	SOURCE	MICRO	NEEDED BY REGULATION		SU 1/1/2016; Near-road Site
12-086-1016	Miami Fire Station	1200 NW 20th St, Miami, FL 33142; 25.794722, -80.215556	SLAMS	PM _{2.5}	2	Every 12th Day	Thermo 2025i	HI CONC	NBH	QA COLLOCATION		SU 2/4/1999; Collocated monitor
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
			SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
12-086-4002	Lab Annex	864 NW 3rd St, Miami, FL 33127; 25.798333, -80.210278	SLAMS	CO	1	Continuous	Teledyne 300E	HI CONC	NBH	TRENDS MONITORING	SHUTDOWN	SU 1/1/1976; SD 8/31/2021
			SLAMS	NO ₂	2	Continuous	Teledyne T200	HI CONC	NBH	ASSIST IN FORCASTING	SHUTDOWN	SU 1/1/1984; SD 8/31/2021
12-086-6001	Homestead Fire Station	325 NW 2nd St, Homestead, FL 33030; 25.471944, -80.482780	SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	SHUTDOWN	SU 1/27/1999; SD EXPECTED 05/31/2022
			SPM	PM _{2.5}	3	Continuous	Thermo 1400AB	POP EXP	NBH	USED FOR AQI	SHUTDOWN	SU 2/10/2004; SD EXPECTED 05/31/2022
12-086-6002	Wittkop Park	505 NW 9th St, Homestead, FL 33030; 25.478306, -80.483782	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 06/01/2022; FEM
Palm Beach County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-099-0021	Lantana Preserve	968 N 8th St, Lantana, FL 33462; 26.5938083, -80.0584917	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/2/2015
12-099-0022	Lamstein Lane	Lamstein Ln, Royal Palm Beach, FL 33411; 26.687606, -80.219619	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/15/2019; Relocation from 099-0009
			SLAMS	PM _{2.5}	1	Continuous	Thermo 5014i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/17/2019; FEM, Relocation from 099-0009
12-099-0008	Belle Glade	38754 State Rd 80, Belle Glade, FL 33430; 26.724786, -80.666447	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 11/2021; FEM
12-099-2005	Delray Beach	225 S. Congress Ave, Delray Beach, FL 33445; 26.456944, -80.092778	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/29/2021; FEM
			SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/01/2021; FEM
METROPOLITAN STATISTICAL AREA: TAMPA - ST PETERSBURG - CLEARWATER (HILLSBOROUGH, PINELLAS, PASCO AND HERNANDO COUNTIES)												
Pasco County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-101-0005	San Antonio	30908 Warder Rd., San Antonio, FL 33576; 28.332225, -82.305643	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	URBAN SPRAWL		SU 9/7/2000
12-101-2001	Holiday	3452 Darlington Rd., Holiday, FL 34691; 28.195574, -82.756264	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	URBAN SPRAWL		SU 1/17/1992
Hillsborough County												
12-057-0112	Apollo Beach	6506 Dolphin Cove Dr, Apollo Beach, FL 33572; 27.779712, -82.419835	SPM	SO ₂	1	Continuous	Thermo 43i	SOURCE	MICRO	NEEDED BY REGULATION		SU 1/1/2016
			SPM	PM _{2.5}	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 ₂	1	Continuous	Teledyne T200UP	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016; Near-road Site
			SLAMS	PM _{2.5}	1	Continuous	Teledyne T640	SOURCE	MICRO	NEEDED BY REGULATION		SU 6/26/2019
			SPM	BC	1	Continuous	Magee AE-33	POPULATION EXPOSURE	MICRO	TRENDS MONITORING		SU 2/1/2016
SLAMS	UFP	1	Continuous	TSI EPC3783	SOURCE	MICRO	NEEDED BY REGULATION		SU 2/1/2016			
12-057-0081	E.G. Simmons Park	2401 19th Avenue Northwest, Ruskin, FL 33570; 27.740033, -82.465146	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 6/14/1978
12-057-0083	Gardinier Park	6501 Riverview Dr., Riverview, FL 33578; 27.864192, -82.384259	SPM	PM ₁₀	3	Continuous	Thermo 1405	SOURCE	MIDDLE	SOURCE MONITORING		SU 4/1/1995
12-057-0100	Kenly	2909 N 66th St, Tampa, FL 33619; 27.970328, -82.380050	SPM	Pb	1	Every 6th Day	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 ₂	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 11/13/1996; Relocated on existing property 01/2020

12-057-1035	Devis Island (Coast Guard Station)	155 Columbia Dr., Tampa, FL 33606; 27.928356, -82.454539	SLAMS	SO ₂	1	Continuous	Thermo 43i	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1974
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 1/1/1973
			SLAMS	PM ₁₀	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION/USED FOR AQI		SU 12/1/1985
12-057-1065	USMC Reserve Center	5121 Gandy Blvd, Tampa, FL 33611; 27.89222; -82.538611	SLAMS	Ozone	1	Continuous	Thermo 49Q	POP EXP	NBH	NEEDED BY REGULATION		SU 1/19/2019
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	HI CONC	NBH	USED FOR AQI		SU 1/1/2004
12-057-1066	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 48i-TLE	POP EXP	URBAN	NEEDED BY REGULATION		SU 10/1/2005; Trace level
			SLAMS	SO ₂	1	Continuous	Thermo 43i-TLE	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004; Trace Level
			SLAMS	NO _y	1	Continuous	Thermo 42i-Y	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2004
			SLAMS	PM _{2.5}	2	Every 12th Day	Thermo 2025i	POP EXP	URBAN	QA COLLOCATION		SU 1/26/2010; Collocated monitor
			SLAMS	PM _{2.5}	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 _{2.5}		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 _{2.5}	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 3/20/2019
12-103-0012	Woodlawn	1313 19th St. N., St. Petersburg, FL 33713; 27.784749, -82.659265	SLAMS	PM ₁₀	1	Continuous	eBAM Plus	HI CONC	NBH	SOURCE MONITORING		SU 1/1/2019; FEM
12-103-0018	Azalea Park	7200-22 Ave N., St. Petersburg, FL 33701; 27.785866, -82.739875	SLAMS	NO ₂	1	Continuous	Teledyne T500U	HI CONC/ POP EXP	NBH	COMM-WIDE MONITORING		SU 1/1/1978
			SLAMS	Ozone	1	Continuous	Teledyne API T400	POP EXP	NBH	USED FOR AQI		SU 4/6/1978
			SLAMS	PM ₁₀	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
NON-REG	Toxics		Every 6th Day		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 ₂	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 1/14/1979
12-103-0026	Skyview	8601 60th Street N., Pinellas Park, FL 33702; 27.850041, -82.714590	NATTS	BC	1	Continuous	Teledyne API 633	POP EXP	NBH	BASELINE MONITORING		SU 5/20/2016
			NATTS	Toxics		Every 6th Day		POP EXP	NBH	BASELINE MONITORING		SU 05/20/2016
12-103-0027	Sawgrass Lake Park	6853 25th Street N., St. Petersburg, FL 33702; 27.834409, -82.665251	SLAMS	CO	1	Continuous	Teledyne T300U	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 5/20/2016
			SLAMS	NO ₂	1	Continuous	Teledyne T500U	SOURCE	MICRO	NEEDED BY REGULATION		SU 05/20/2016; Near-road Site
			SPM	BC	1	Continuous	Teledyne API 633	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 05/20/2016
12-103-3004	County Motorpool	1301 Ulmertown Rd., Largo, FL 33771; 27.895856, -82.774546	SLAMS	PM ₁₀	3	Continuous	eBAM Plus	HI CONC	MIDDLE	TRENDS MONITORING		SU 1/1/2019
			SLAMS	Ozone	1	Continuous	Teledyne API T400	POP EXP	URBAN	USED FOR AQI		SU 1/1/1977
12-103-5002	John Chesnut Sr. Park - East Lake	2200 East Lake Rd., Palm Harbor, FL 34685; 28.090299, -82.700707	SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/5/2007
			SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	NBH	TRENDS MONITORING		SU 9/18/1998

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

Baker County

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-003-0002	Osceola National Forest - Olustee Ranger Station	Hwy 90, Olustee, Forest Service Office, Sanderson, FL 32087; 30.201111, -82.441111	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP/ GEN BKGD	URBAN	REGIONAL BACKGROUND		SU 1/1/1996
			SPM	PM2.5	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 02/2020
Duval County												
12-031-0032	Kooker Park	2900 Bennett St., Jacksonville, FL 32206; 30.355856, -81.635581	SLAMS	SO ₂	1	Continuous	Thermo 43i	HI CONC	NBH	TRENDS MONITORING		SU 1/1/1974
			SLAMS	NO ₂	2	Continuous	Thermo 42i	HI CONC	NBH	COMM-WIDE MONITORING		SU 1/6/1975
			SLAMS	PM ₁₀	1	Continuous	Thermo 1405	HI CONC	NBH	NEEDED BY REGULATION	REPLACED BY FEM	SU 2/1/2008; SD Expected 09/2022
			SPM	PM _{2.5}	1	Continuous	Thermo 1405	POP EXP	NBH	COMM RESPONSE	REPLACED BY FEM	SU 7/1/2018; SD Expected 09/2022
			SLAMS	PM ₁₀	3	Continuous	T640X	HI COMC	NBH	NEEDED BY REGULATION	ADD	SU Expected 09/2022
SLAMS	PM _{2.5}	3	Continuous	T640X	POP EXP	NBH	COMM RESPONSE	ADD	SU Expected 09/2022			
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 _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/1/2008
12-031-0098	Mandarin Rd	14932 Mandarin Rd, Jacksonville, FL 32223; 30.135869, -81.634094	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 9/01/2019; FEM
			SLAMS	PM ₁₀	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/1/2019; FEM
12-031-0099	Sunny Acres	9429 Merrill Rd., Jacksonville, FL 32225; 30.354614, -81.547789	SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	REPLACED BY FEM	SU 6/1/1999; Expected 12/2022
			SLAMS	PM _{2.5}	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION	SHUTDOWN	SU 6/1/1999; Collocated monitor; Expected SD 12/2022
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 12/2022
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
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI		SU 1/1/2004
12-031-0106	Cisco Drive	4770 Cisco Dr., Jacksonville, FL 32219; 30.378217, -81.840900	SPM	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	USED FOR AQI		SU 9/28/2009
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 ₂	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014; Near-road Site
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	HI CONC	MIDDLE	NEEDED BY REGULATION		SU 8/01/2019; FEM
Nassau County												
12-089-0005	Fernandina Beach Waste Water Treatment Plant (FBWWTP)	1007 S 5th St, Fernandina Beach, FL 32304; 30.658552, -81.463168	SLAMS	SO ₂	1	Continuous	Thermo 43i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976
METROPOLITAN STATISTICAL AREA: ORLANDO - KISSIMMEE (LAKE, ORANGE, OSCEOLA AND SEMINOLE COUNTIES)												
Lake County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-069-0002	Clermont	1901 Johns Lake Rd., Clermont, FL 34711; 28.523889, -81.723333	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 6/1/2000
Orange County												
12-095-0009	I-4 Near Road	525 S. Division Ave, Orlando, FL 32805; 28.534930, -81.384247	SLAMS	CO	1	Continuous	Thermo 48i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 7/1/2016; Near-road Site; Temporarily Closed
			SLAMS	NO ₂	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 7/1/2016; Near-road Site; Temporarily Closed
			SLAMS	PM _{2.5}	3	Continuous	Thermo 5014i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 2/1/2017; FEM; Near-road Site; Temporarily Closed
12-095-0010	Skyview Drive	7697 S. Orange Blossom Trail, Orlando, FL 32809; 28.453167, -81.397139	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 3/5/2020
12-095-0011	Presidents Drive Near Road	8100 Presidents Drive, Orlando, FL 32809; 28.26468, -81.25028	SLAMS	NO ₂	1	Continuous	Thermo 42iQ	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 07/2023
			SLAMS	CO	1	Continuous	Thermo 48iQ	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 07/2023

			SLAMS	PM _{2.5}	3	Continuous	Thermo 5014i	SOURCE	MICRO	NEEDED BY REGULATION	ADD	SU EXPECTED 07/2023
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 ₂	1	Continuous	Thermo 43i	HI CONC	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976; Relocated on existing property 12/2021
			SLAMS	NO ₂	1	Continuous	Thermo 42i	POP EXP	URBAN	COMM-WIDE MONITORING		SU 1/1/1981; Relocated on existing property 12/2021
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976; Relocated on existing property 12/2021
			SLAMS	PM ₁₀	1	Continuous	Thermo 5014i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/24/2015; Relocated on existing property 12/2021
			SLAMS	PM _{2.5}	3	Continuous	Thermo 5014i	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2016; FEM; Relocated on existing property 12/2021
Osceola County												
12-097-2002	Osceola Co. Fire Station - Four Corners	8706 W Irl 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
Seminole County												
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 ₁₀	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 12/22/2000
			SLAMS	PM _{2.5}	1	Every 12th Day	Thermo 2025i	POP EXP	NBH	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 1/7/1999; Collocated monitor
			SLAMS	PM _{2.5}	4	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
METROPOLITAN STATISTICAL AREA: SARASOTA - BRADENTON - VENICE (MANATEE AND SARASOTA COUNTIES)												
Manatee County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-081-3002	Port Manatee	1801 Piney Point Rd., Palmetto, FL 34221; 27.637890, -82.547480	SLAMS	Ozone	1	Continuous	2B Tech 202	HI CONC	NBH	NEEDED BY REGULATION		SU 4/1/1992; SD 5/31/2008; SU 6/10/2009
12-081-4012	GT Bray Park	5502 33rd Ave Drive W., Bradenton, FL 34209; 27.475190, -82.618180	SPM	Ozone	1	Continuous	2B Tech 211	POP EXP	NBH	USED FOR AQI		SU 02/01/1999; SU 12/31/2020
12-081-4013	39th Street Park	5511 39th St. East, Bradenton, FL 34203; 27.442780, -82.513120	SPM	Ozone	1	Continuous	2B Tech 202	POP EXP	NBH	USED FOR AQI		SU 1/1999; SD 3/31/2008; SU 1/20/2010
12-081-0028	Port Manatee DEP	1801 Piney Point Rd., Palmetto, FL 34221; 27.637890, -82.547480	SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 11/5/2013
Sarasota County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-115-0013	Bee Ridge Park	4430 S. Lockwood Ridge Rd., Sarasota, FL 34231; 27.290556, -82.507222	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
12-115-1005	Lido Park	190 Taft Dr., Sarasota, FL 34236; 27.309995, -82.569689	SLAMS	Ozone	1	Continuous	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 400	POP EXP	NBH	USED FOR AQI		SU 10/1/1999
			SLAMS	PM ₁₀	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 9/19/2003; FEM
12-115-2002	Jackson Road	250 S. Jackson Rd., Venice, FL 34292; 27.089194, -82.362583	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 9/1/2003
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	TRENDS MONITORING		SU 4/1/2009
METROPOLITAN STATISTICAL AREA: CAPE CORAL - FORT MYERS (LEE COUNTY)												
Lee County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-071-0005	Winkler Pump Station	1403 Princeton St., Ft. Myers, FL 33901; 26.602016, -81.877908	SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 01/01/2018
			SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 02/22/2001
			SLAMS	PM _{2.5}	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION		Collocated SU 07/2021
			SLAMS	PM ₁₀	4	Continuous	Teledyne T640X	POP EXP	NBH	QA COLLOCATION		Collocated SU 07/2021
			SLAMS	Ozone	2	Continuous	49i	POP EXP	NBH	NEEDED BY REGULATION		SU 05/2021
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
METROPOLITAN STATISTICAL AREA: LAKE LAND (POLK COUNTY)												

Polk County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-105-6005	Sikes Elementary School	2727 Shepard Rd., Lakeland, FL 33811; 27.939746, -82.000084	SLAMS	SO ₂	1	Continuous	Thermo 43i	HI CONC	URBAN	NEEDED BY REGULATION		SU 9/16/2013
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 6/18/1992
12-105-6006	Baptist Children's Home	1015 Sikes Blvd, Lakeland, FL 33815; 28.028889, -81.972222	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 6/17/1992
			SLAMS	PM ₁₀	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 10/23/2007
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
METROPOLITAN STATISTICAL AREA: DELTONA - DAYTONA BEACH - ORMOND BEACH (FLAGLER AND VOLUSIA COUNTIES)												
Flagler County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-035-0004	Flagler	208 Sawgrass Rd, Bunnell, FL 32110; 29.489083, -81.276833	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI/ASSIST IN FORECASTING		SU 8/25/2011
Volusia County												
12-127-5002	Daytona - Blind Services	1185-A Dunn Ave, Daytona Beach, FL 32114; 29.206667, -81.052500	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 1/1/1992
			SLAMS	PM ₁₀	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/26/1998
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2018
METROPOLITAN STATISTICAL AREA: PALM BAY - MELBOURNE - TITUSVILLE (BREVARD COUNTY)												
Brevard County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-009-0007	Melbourne	401 West Florida Ave, Melbourne, FL 32901; 28.053681, -80.629656	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 3/1/2000
			SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
12-009-4001	Cocoa Beach	400 S. 4th St., Cocoa Beach, FL 32931; 28.310841, -80.615330	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 9/18/1988
METROPOLITAN STATISTICAL AREA: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)												
Escambia County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-033-0004	Ellyson Industrial Park	Ellyson Industrial Park at Copter Rd., Pensacola, FL 32514; 30.525367, -87.203550	SLAMS	SO ₂	1	Continuous	Thermo 43i	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1975
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 2/3/2021
			SLAMS	PM ₁₀	3	Continuous	Teledyne T640X	HI CONC	NBH	NEEDED BY REGULATION		SU 2/3/2021
12-033-0018	Pensacola NAS	21 Cunningham St., Pensacola, FL 32508; 30.368050, -87.270967	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 10/21/1980
Santa Rosa County												
12-113-0015	Woodlawn Beach Middle School	1500 Woodlawn Way, Gulf Breeze, FL 32563; 30.394133, -87.008033	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USE FOR AQI		SU 3/9/2005
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	USE FOR AQI		SU 2/19/2008
METROPOLITAN STATISTICAL AREA: PORT ST. LUCIE - FT PIERCE (MARTIN AND ST LUCIE COUNTIES)												
Martin County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-085-0007	Stuart	950 SE Monterey Rd., Stuart, FL 34994; 27.172458, -80.240689	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 6/11/2010
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 6/11/2010
St. Lucie County												
12-111-0013	Savannas	1420 E Midway Rd., Ft. Pierce, FL 34981; 27.389079, -80.311033	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 2/24/2011
METROPOLITAN AREA: TALLAHASSEE (LEON, JEFFERSON AND WAKULLA COUNTIES)												
Leon County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS

12-073-0012	Tallahassee Community College	110 Century Park Circle W., Tallahassee, FL 32304; 30.439722, -84.346389	SLAMS	Ozone	1	Continuous	Thermo 49Q	HI CONC	NBH	NEEDED BY REGULATION		SU 6/13/1998
			SLAMS	PM _{2.5}	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1999
			SLAMS	PM _{2.5}	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION		SU 10/1/2004; Collocated monitor
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 7/14/2003
			STN	EC/OC		Every 6th Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 10/4/2009
			STN	SPEC. PM _{2.5}		Every 6th Day	METONE SASS	POP EXP	URBAN	TRENDS MONITORING		SU 10/4/2009
			Meteorology		Continuous			URBAN	SUPPORT SASS NETWORK		SU 6/13/1998	
Wakulla County												
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	County Rd. 59, St. Marks, FL 32355; 30.092500, -84.161111	SLAMS	CO	1	Continuous	Teledyne T300U	BKGD	URBAN	RURAL NCore		SU 4/27/2015; Trace Level
			SLAMS	SO ₂	3	Continuous	Teledyne T100U	BKGD	URBAN	RURAL NCore		SU 1/1/2015; Trace Level
			SLAMS	NO _y	1	Continuous	Teledyne T200U	BKGD	URBAN	RURAL NCore		SU 1/1/2015
			SLAMS	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	NEEDED BY REGULATION		SU 4/13/2001
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	BKGD	URBAN	RURAL NCore		SU 1/1/2015
						Meteorology		Continuous		BKGD	URBAN	SUPPORT NCore NETWORK
METROPOLITAN STATISTICAL AREA: NAPLES - MARCO ISLAND (COLLIER COUNTY)												
Collier County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-021-0004	Laurel Oak Elementary	7800 Immokalee Rd., Naples, FL 34119; 26.270083, -81.710959	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 9/26/2001
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 3/2/2005
METROPOLITAN STATISTICAL AREA: OCALA (MARION COUNTY)												
Marion County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-083-0003	Ocala - YMCA	3200 SE 17th St., Ocala, FL 34471; 29.170533, -82.100646	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC/ UPWIND BKGD	NBH	MONITORING GROWTH IMPACT		SU 5/27/1998
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 11/27/2007
12-083-0004	Marion County Sheriff	692 NW 30th Ave, Ocala, FL 34475; 29.192754, -82.173149	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 11/8/2000
METROPOLITAN STATISTICAL AREA: GAINESVILLE (ALACHUA AND GILCHRIST COUNTY)												
Alachua County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-001-3012	Paynes Prairie Farm	9300 CR 234, Micanopy, FL 32667; 29.56615, -82.266066	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 12/17/2016
			SLAMS	PM _{2.5}	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2019; FEM
			SLAMS	PM _{2.5}	4	Continuous	Teledyne T640	POP EXP	NBH	QA COLLOCATION		SU 1/1/2019; FEM; Collocated Monitor
METROPOLITAN STATISTICAL AREA: FORT WALTON BEACH - CRESTVIEW - DESTIN (OKALOOSA COUNTY)												
Okaloosa County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-091-0002	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 EXPECTED 06/2022
			SLAMS	PM ₁₀	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI	SHUTDOWN	SU 1/30/2013; SD EXPECTED 06/2022
METROPOLITAN STATISTICAL AREA: PANAMA CITY - LYNN HAVEN (BAY COUNTY)												
Bay County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-005-0006	St. Andrews State Park	4607 State Park Lane, Panama City, FL 32408; 30.130433, -85.731517	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 7/13/2000
			SPM	PM _{2.5}	1	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 2/27/2009
METROPOLITAN STATISTICAL AREA - SEBRING (HIGHLANDS COUNTY)												
Highlands County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-055-0003	Archbold Biological Station	123 Main Dr., Venus, FL 33960; 27.189215, -81.340350	SPM	Ozone	1	Continuous	Thermo 49i	HI CONC/ GEN BKGD	REGIONAL	REGIONAL BACKGROUND		SU 6/14/2001
MICROPOLITAN STATISTICAL AREA: PALATKA (PUTNAM COUNTY)												
Putnam County												
AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-107-1008	Palatka Barge	188 Comfort Rd., Palatka, FL	SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 8/15/1991

AQS #	SITE NAME	ADDRESS/ COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
MICROPOLITAN STATISTICAL AREA: LAKE CITY (COLUMBIA COUNTY)												
Columbia County												
12-023-0002	Lake City - Veterans Domicile	751 SE Sycamore Terrace, Lake City, FL 32025; 30.178056, -82.619167	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	MONITOR IMPACT OF HIGH TRAFFIC		SU 11/1/2000
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 5/17/2007
MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)												
Citrus County												
12-017-0006	Crystal River Preserve	13450 W. Power Line Rd., Crystal River, FL 34428; 28.958644, -82.642965	SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 12/13/2013
			SPM	PM _{2.5}	1	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 12/7/2015
NOT IN A METROPOLITAN STATISTICAL AREA												
Holmes County												
12-059-0004	Bonifay Tri-County Airport	1976 Tri County Airport Rd., Bonifay, FL 32425; 30.848611, -85.603889	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	REGIONAL	REGIONAL BACKGROUND		SU 9/1/1996
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND		SU 6/14/2007
Hamilton County												
12-047-0015	White Springs	Southeast CR 137, White Springs, FL 32096; 30.426363, -82.794841	SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	MIDDLE	SOURCE MONITORING	SHUTDOWN	SU 9/18/1982; SD 1/31/2022
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	SOURCE	NBH	RURAL MONITORING	SHUTDOWN	SU 5/17/2007; SD 1/31/2022
12-047-0017	White Springs Plant	16489 SE CR 137, White Springs, FL 32096; 30.426029, -82.795356	SLAMS	SO ₂	1	Continuous	Thermo 43i	SOURCE	MIDDLE	SOURCE MONITORING	ADD	SU 03/18/2022
			SPM	PM _{2.5}	3	Continuous	Thermo 1405	SOURCE	NBH	RURAL MONITORING	ADD	SU 03/24/2022
IMPROVE NETWORK												
12-129-0001	St. Marks Wildlife Refuge	County Rd. 59, St. Marks, FL 32355; 30.092500, -84.161111	SPM	PM _{2.5}		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 2000
12-017-9000	Chassahowitzka National Wildlife Refuge	S Timber Pines Ave., Homosassa, FL 34448; 28.7486, -82.5551	SPM	PM _{2.5}		Every 3rd Day	IMPROVE	TRANSPORT	URBAN	NEEDED BY REGULATION		SU 1993
12-086-0030	Everglades National Park	Everglades National Park, FL	SPM	PM _{2.5}		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 1988

List of Abbreviations:

AQI	Air Quality Index
BKGD	Background
CO	Carbon Monoxide
CSN	Chemical Speciation Network
EC/OC	Elemental Carbon/Organic Carbon
FRM	Federal Reference Method
GEN BKGD	General Background
HI CONC	High Concentration
MET	Implies that wind speed and wind direction instruments are on site
NAMS	National Air Monitoring Stations
NBH	Neighborhood
NCORE	National Core
NO ₂	Nitrogen Dioxide
NON-REG	Non-regulatory Monitoring
POP EXP	Population Exposure
PM _{2.5}	Particulate matter with aerodynamic diameter of 2.5 micro meter
PM ₁₀	Particulate matter with aerodynamic diameter of 10 micro meter
SLAMS	State and Local Air Monitoring Stations
SO ₂	Sulfur Dioxide
SPM	Special Purpose Monitors
SPEC. PM _{2.5}	Supplemental PM _{2.5} Speciation
SD	Shut Down
SU	Set Up
STN	Speciation Trends Network
UFP	Ultra Fine Particle
VOC	Volatile Organic Compound

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 2022

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status	
NONE	RM Young Wind Speed/Wind Dir	ESC 8832	WS/WD	12-011-0033	146400	2/1/2021	1.2	\$2,008.17	Good	active
NONE	RM Young TRH Sensor	TRH	12-011-0033	3309	10/22/2021	0.5	\$88.00	Good	Data not reported	
NONE	Teledyne T640	PM2.5 Continuous Monitor	12-011-0033	448	9/1/2018	3.6	\$23,447.00	Good	active	
310340	Thermo 49i	O3 Analyzer	12-011-0033	1113748257	5/17/2011	10.9	\$8,112.00	Good	active	
296246	Thermo 49i-PS	O3 Calibrator	12-011-0033	727625035	9/21/2007	14.6	\$10,812.50	Good	active	
NONE	ESC 8872	Data Logger	12-011-0034	979	1/27/2020	2.2	\$8,750.00	Good	active	
NONE	ESC 8832	Data Logger	12-011-0034	2372	6/1/2012	9.9	\$7,620.00	Good	active	
NONE	Thermo 48i-TLE	CO TL	12-011-0034	1170960053	5/11/2017	4.9	\$15,616.24	Good	active	
336801	ATEC 2200	VOC Sampler	12-011-0034	39648	7/31/2019	2.5	\$10,095.00	Good	active	
NONE	Teledyne T700U	Calibrator	12-011-0034	387	5/22/2017	4.9	\$22,987.90	Good	active	
NONE	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0034	175954	6/1/2012	9.9	\$1,642.00	Good	active	
NONE	RM Young TRH Sensor	TRH	12-011-0034	33596	7/1/2021	0.8	\$1,061.50	Good	active	
NONE	URG	CSN Network URG Monitor	12-011-0034	3N-B1652/3N-B1653/3N-B1654	5/3/2021	0.9	\$15,093.19	Good	active	
NONE	SuperSASS	CSN Network SuperSASS Monitor	12-011-0034	B16088	6/22/2021	0.8	\$17,076.25	Good	active	
NONE	Teledyne 701H	HP Zero Air	12-011-0034	284	2/7/2012	10.2	\$6,971.70	Good	active	
NONE	Thermo 2025i	PM2.5 Manual Sampler (1-in-3)	12-011-0034	20451	9/16/2013	8.6	\$13,967.85	Good	active	
336467	Teledyne T640X	PM10-PM2.5 Continuous Monitor	12-011-0034	663	4/10/2019	3.0	\$36,532.00	Good	active	
340311	Thermo 42i-Y	NO/NOY/NO _x	12-011-0034	1202549016	9/8/2020	1.6	\$32,330.54	Good	active	
NONE	Thermo 43i-TLE	SO2 TL	12-011-0034	1171790011	8/1/2017	4.7	\$16,946.77	Good	active	
NONE	Thermo 49i	O3 Analyzer	12-011-0034	CM09080044	4/8/2009	12.8	\$7,533.50	Good	active	
311329	Thermo 2025i	PM2.5 Manual Sampler Collocated (1-in-12)	12-011-0034	20262	8/17/2012	9.7	\$14,373.50	Good	Back-UP/SPARE	
NONE	Built by CAS as one turn-key unit. GC-FID is Chromatotes: M41022	CAS Auto GC-FID	12-011-0034	59630820	12/7/2020	1.2	EPA PAID = \$13,122.43 for m8 with AC	Good	PAMS	
NONE	ATEC 8000-2	Carbonyl Sampler	12-011-0034	41708	3/30/2021	0.9	\$17,470.00	Good	PAMS	
NONE	Vaisala CL-51	Ceilmeter	12-011-0034	T1510251	5/1/2021	0.9	\$34,387.37	Good	PAMS	
NONE	Kipp & Zonen SMP6-V	Solar Radiation	12-011-0034	190468	2/1/2021	1.1	\$2,212.50	Good	PAMS	
NONE	Kipp & Zonen SUV5-V	UV Radiation	12-011-0034	201054	2/1/2021	1.1	\$3,288.00	Good	PAMS	
NONE	Kipp & Zonen SMP6-V	Solar Radiation- AUDIT	12-011-0034	200881	4/1/2022	0.1	\$2,300.04	Good	PAMS	
NONE	Kipp & Zonen SUV5-V	UV Radiation - AUDIT	12-011-0034	211068	4/1/2022	0.1	\$2,874.98	Good	PAMS	
NONE	RM Young 52203	Rain Tipping Bucket	12-011-0034	TB16047	7/21/2020	1.6	\$592.50	Good	PAMS	
NONE	RM Young 41342VC	P Temp	12-011-0034	TS32664	7/21/2020	1.6	\$512.00	Good	PAMS	
NONE	RM Young 61402V	Barometric Pressure	12-011-0034	BPA14705	7/21/2020	1.6	\$983.00	Good	PAMS	
NONE	Teledyne APL T500U	Direct Measure NO2	12-011-0034	311	9/1/2020	1.6	\$17,100.00	Good	PAMS	
NONE	ESC 8832	Data Logger	12-011-0035	A4462K	8/9/2013	8.7	\$9,910.00	Good	active	
NONE	RM Young Wind Speed/Wind Dir	WS/WD	12-011-0035	181910	2/1/2021	1.1	\$2,008.17	Good	active	
NONE	Teledyne 633	Aethalometer	12-011-0035	AE33-S09-01243	10/20/2021	0.5	\$24,670.00	Good	active	
311540	Teledyne T200UP	Aethalometer	12-011-0035	AE33-S01-00115	5/17/2012	9.9	\$21,997.00	Good	Back-UP/SPARE	
311527	Teledyne T200UP	Analyzer: NO-NO2 (Trace, Photolytic)	12-011-0035	60	6/9/2012	9.7	\$23,119.80	Good	active	
336024	Teledyne 701H	HP Zero Air	12-011-0035	441	1/21/2018	3.3	\$7,340.00	Good	active	
310200	Teledyne T700U	Dilution Calibrator	12-011-0035	57	1/25/2011	11.0	\$18,996.00	Good	active	
337501	Teledyne T640	PM2.5 Continuous Monitor	12-011-0035	829	1/23/2020	2.2	\$24,394.00	Good	active	
311542	Thermo 48i-TLE	CO TL	12-011-0035	1204751728	5/16/2012	9.9	\$8,697.00	Good	active	
NONE	TSI UFP3031	Continuous Particulates Ultrafine	12-011-0035	3301204043031120501	10/3/2012	9.5	\$61,295.00	Not Functional	Discontinuation approved by U.S. EPA	
311501	ESC 8832	Data Logger	12-011-2003	A4206K	9/25/2012	9.5	\$6,350.00	Good	active	
NONE	RM Young Wind Speed/Wind Dir	WS/WD	12-011-2003	154837	5/31/2017	4.9	\$1,462.00	Good	active	
296245	Thermo 49i	O3 Analyzer	12-011-2003	CM07340004	9/24/2007	14.6	\$7,681.50	Good	active	
296244	Thermo 49i-PS	O3 Calibrator	12-011-2003	727625034	9/21/2007	14.6	\$10,812.50	Good	active	
NONE	Teledyne T640	PM2.5 Continuous Monitor	12-011-2003	449	9/1/2018	3.6	\$29,455.00	Good	active	
NONE	MetOne E-BAMS Plus	Continuous PM10	12-011-2003	W20762	10/4/2017	4.4	\$10,157.70	Good	Not In Use - For Special Sampling (as needed)	
310232	Thermo Partisol Plus 2025	PM2.5 Manual Sampler (1-in-3)	12-011-2003	22735	6/2/2013	8.9	\$13,637.80	Good	inactive	
donated	ESC 8832	Data Logger	12-011-5005	A0603	3/24/2016	4.1	donated FDEP	Good	active	
NONE	Teledyne T640X	PM10-PM2.5 Continuous Monitor	12-011-5005	20760	8/19/2021	0.7	\$39,572.00	Good	active	
NONE	Thermo 2025i	PM2.5 Manual Sampler (Daily)	12-011-5005	20760	3/2/2015	7.1	\$15,869.97	Good	inactive	
311500	ESC 8832	Data Logger	12-011-8002	A4205K	9/25/2012	9.5	\$6,350.00	Good	active	
336636	Teledyne T700U	Dilution Calibrator	12-011-8002	513	7/29/2019	2.7	\$22,780.00	Good	active	
3111647	Teledyne 701H	Zero Air Generator	12-011-8002	569	5/22/2017	4.9	\$7,210.00	Good	MOCK UP SITE/Back-Up	
Pinellas 111996	Thermo 42i	NO2/NO/NOx	12-011-8002	CM08260023	10/1/2020	1.5	loaner	Good	Loaner from Pinellas	
U of Mich. A555472	Thermo 49i	O3 Analyzer	12-011-8002	CM08320015	9/1/2017	9.6	Donated	Good	active	
NONE	Thermo 49i-PS	O3 Calibrator	12-011-8002	1172300029	9/19/2017	4.6	\$16,357.31	Good	active	
308796	ESC 8832	Datalogger	99Q	A3856K	9/25/2012	9.5	\$6,350.00	Good	active	
FDEP 147572	ESC 8832	Data Logger	99Q	A4773K	3/24/2016	4.1	donated FDEP	Good	active	
340153	Teledyne T400	O3 Analyzer	99Q	591	6/1/2020	1.9	\$9,702.50	Good	TESTING	
NONE	Thermo 49i	O3 Analyzer	99Q	12135114750	3/1/2022	0.1	loaner	Good	loaner from Thermo	
NONE	Thermo 49Q	O3 Analyzer	99Q	1173380011	3/15/2018	4.1	\$14,215.22	Good	At Thermo for repair	
NONE	Thermo 49Q	O3 Analyzer	99Q	1173380010	3/15/2018	4.1	\$14,215.22	Good	At Thermo for repair	
NONE	Thermo 42i	NO2/NO/NOx	99Q	CM08360030	8/6/2008	13.5	\$10,925.00	Needs Testing	TESTING	
NONE	Thermo 42i	NO2/NO/NOx	99Q	1163620012	10/1/2016	5.5	\$17,700.47	Needs Repair	TESTING	
NONE	Thermo 42i	NO2/NO/NOx	99Q	1170960054	5/8/2017	4.9	\$18,032.82	Needs Testing	TESTING	
336800	ATEC 2200	VOC Sampler	Env. Monitoring Lab	39650	7/31/2019	2.7	\$10,095.00	Good	Back-UP/SPARE	
336801	ATEC 2200	VOC Sampler	Env. Monitoring Lab	39648	7/31/2019	2.7	\$10,095.00	Good	Back-UP/SPARE	
NONE	ESC 8832	Data Logger	Env. Monitoring Lab	A4296K	9/25/2012	9.5	\$7,910.00	Good	MOCK UP SITE/Back-Up	
donated	ESC 8832	Datalogger	Env. Monitoring Lab	W279	3/24/2016	6.1	donated FDEP	Not Functional	SURPLUS - Lighting	
331532	MetOne E-BAMS Plus	Continuous PM10	Env. Monitoring Lab	W20769	10/4/2017	4.5	\$10,157.70	Good	Not In Use - For Special Sampling (as needed)	
NONE	R. M. Young 81000	Sonic Anemometer	Env. Monitoring Lab	1759	2/24/2012	10.1	\$2,606.50	Good	Not in Use	
paid by EPA	R. M. Young 81000	Sonic Anemometer	Env. Monitoring Lab	3485	9/1/2010	11.6	paid by EPA	Good	Not in Use	
None	Teledyne 701H	HP Zero Air	Env. Monitoring Lab	915	10/29/2021	0.5	\$8,699.60	Needs Repair	malfunctioned	
310908	Teledyne 701H	HP Zero Air (spare)	Env. Monitoring Lab	536	5/14/2015	6.7	\$5,932.50	Needs Repair	malfunctioned	
336633	Teledyne T200UP	Analyzer: NO-NO2 (Trace, Photolytic)	Env. Monitoring Lab	141	7/29/2019	2.5	\$18,415.00	Good	MOCK UP SITE/Back-Up	
336466	Teledyne T640	PM2.5 Continuous Monitor	Env. Monitoring Lab	662	9/1/2018	3.5	\$29,455.00	Good	MOCK UP SITE/Back-Up	
336486	Teledyne T640X	PM10-PM2.5 Continuous Monitor	Env. Monitoring Lab	664	4/10/2019	3.0	\$36,532.00	Good	Repaired after lightning strike	
340057	Teledyne T700U	Dilution Calibrator	Env. Monitoring Lab	635	3/20/2020	2.1	\$23,351.50	Needs Repair	Broken internal pneumatics	
311541	Teledyne T700U	Dilution Calibrator	Env. Monitoring Lab	85	5/14/2015	6.7	\$20,888.10	Needs Repair	Leaking	
340154	Teledyne T703	O3 Primary Standard	Env. Monitoring Lab	821	6/1/2020	1.9	\$14,704.20	Good	Testing	
NONE	Thermo 146Q	Gas Calibrator	Env. Monitoring Lab	1172270037	5/1/2019	1.0	\$23,479.55	Good	Not In Use	
NONE	Thermo 42i-Y	NO/NOY/NO _x	Env. Monitoring Lab	12123613080	8/27/2021	0.6	\$32,330.54	Good	NEW	
NONE	Thermo 43i-TLE	SO2 TL	Env. Monitoring Lab	1428862875	10/10/2014	7.5	\$13,377.58	Good	MOCK UP SITE/Back-Up	
285684	Thermo 48C-TLE	CO TL	Env. Monitoring Lab	05150711728	9/22/2005	16.6	\$11,655.02	Good	MOCK UP SITE/Back-Up	
336323	Thermo 48Q-TLE	CO TL	Env. Monitoring Lab	1182480012	2/19/2019	3.1	\$20,426.52	Good	MOCK UP SITE/Back-Up	
NONE	Thermo 49i-PS	O3 Calibrator	Env. Monitoring Lab	1150770008	3/2/2015	6.9	\$13,333.51	Needs Repair	Needs repair then certification	
310341	Thermo 49i-PS	O3 Calibrator	Env. Monitoring Lab	1113748258	5/17/2011	10.9	\$11,194.00	Needs Repair	Needs repair then certification	
NONE	Thermo 49i	O3 Analyzer	Env. Monitoring Lab	12135114751	3/1/2022	0.1	loaner	Good	loaner from Thermo	
331709	Thermo 49Q	O3 Analyzer	Env. Monitoring Lab	1173380012	3/15/2018	3.9	\$14,215.22	Good	TESTING	
335219	Thermo 49Q-PS	O3 Calibrator	Env. Monitoring Lab	1190651894	3/18/2019	1.1	\$18,452.49	Good	in Box	

335212	Thermo 49IQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651892	3/18/2019	1.1	\$18,452.49	Good	TESTING
335213	Thermo 49IQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651893	3/18/2019	1.1	\$18,452.49	Good	TESTING
335219	Thermo 49IQ-PS	O3 Calibrator	Env. Monitoring Lab	1190651894	3/18/2019		\$18,452.49	Good	TESTING
322942	Vaisala WXT530	Weather Transmitter	Env. Monitoring Lab	M3410127	8/24/2016	5.6	\$3,208.00	Good	Not in use

City of Jacksonville 2022

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
N/A	43i-SO2	Analyzer	Cedar Bay	1170310007	N/A	N/A	N/A	Good	Inactive
197600	6100	Calibrator	Cedar Bay	6508	2015	6	8887.50	Fair	Backup
172512	Computer - IBM	Computer	Cedar Bay	KCR200A	N/A	N/A	N/A	Fair	Active
2007838	8872	Data Logger	Cedar Bay	8872_0847	2018	3	7911.22	Good	Active
144808	Trailer	Trailer	Cedar Bay	N/A	1994	27	4643.20	Poor	Active
2002359	Teledyne 701	Zero Air Gen	Cedar Bay	5877	2017	4	5236.22	Good	Active
197158	49i - ozone	Analyzer	Cisco Dr	1430863374	2015	6	9640.00	Good	Active
N/A	49i - PS ozone	Analyzer	Cisco Dr	0908935366	2009	12	9416.00	Good	Active
N/A	Computer - Dell OptiPlex	Computer	Cisco Dr	79NP1B1	N/A	N/A	N/A	Fair	Active
2007836	8872	Data Logger	Cisco Dr	8872_0849	2018	3	7911.22	Good	Active
184190	Trailer	Trailer	Cisco Dr	N/A	2009	12	5191.10	Good	Active
N/A	111iQ	Zero Air Gen	Cisco Dr	CM19300264	2020	1	N/A	Good	Active
167681	Computer - Dell 1400	Computer	Cubicle	N/A	N/A	N/A	N/A	Fair	Active
180783	Computer - Think Centre	Computer	Cubicle	LKKLSG	N/A	N/A	N/A	Fair	Active
N/A	Laptop - ThinkPad (Alvin)	Computer	Cubicle	R9-EBZK1	N/A	N/A	N/A	Fair	Active
162147	Computer - Dell XPS R400	Computer	Cubicle	GDKR0	N/A	N/A	N/A	Fair	Active
177084	HP Laser Jet 2430drn	Printer	Cubicle	N/A	N/A	N/A	N/A	Fair	Backup
105038	Olfactometer	Olfactometer	File Room	N/A	N/A	N/A	N/A	Poor	Backup
105039	Olfactometer	Olfactometer	File Room	N/A	N/A	N/A	N/A	Poor	Backup
N/A	Computer	Computer	Ft. Caroline	4VGTVN1	N/A	N/A	N/A	Fair	Inactive
153454	Trailer	Trailer	Ft. Caroline	N/A	N/A	N/A	N/A	Poor	Inactive
2002640	42i - Nox	Analyzer	Kooker Park	1170310010	N/A	N/A	N/A	Good	Active
2002641	43i - SO2	Analyzer	Kooker Park	1170310008	N/A	N/A	N/A	Good	Active
182787	6100	Calibrator	Kooker Park	3886	N/A	N/A	N/A	Fair	Backup
187085	6100	Calibrator	Kooker Park	4491	2009	12	8775.00	Good	Active
172646	Computer	Computer	Kooker Park	KCBX2R7	N/A	N/A	N/A	Fair	Active
2007832	8872	Data Logger	Kooker Park	8872_0842	2018	3	7911.22	Good	Active
N/A	ThinkVision Monitor	Monitor	Kooker Park	8894881	N/A	N/A	N/A	Fair	Backup
199822	TEOM 1405	Sampler PM10	Kooker Park	1405A235831603	2016	5	16890.13	Good	Active
199823	TEOM 1405	Sampler PM2.5	Kooker Park	1405A236021603	2016	5	16890.13	Good	Active
N/A	CAS Cargo Container	Shelter	Kooker Park	N/A	2018	3	85852.38	Good	Active
2005522	Teledyne 701	Zero Air Gen	Kooker Park	5931	N/A	N/A	4756.75	Good	Active
186859	N/A	Air Compressor	Lab	N/A	2009	12	1225.17	Fair	Backup
188994	42i - Nox	Analyzer	Lab	0817630890	2010	11	11304.56	Fair	Backup
195337	42i - Nox	Analyzer	Lab	1327059041	N/A	N/A	N/A	Good	Parts
172824	43C - SO2	Analyzer	Lab	0421007303	N/A	N/A	N/A	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
180789	43i - SO2	Analyzer	Lab	611616471	2006	12	N/A	Good	Backup
176660	43i - SO2	Analyzer	Lab	0520811801	N/A	N/A	N/A	Fair	Backup
179549	43i - SO2	Analyzer	Lab	0600914730	N/A	N/A	N/A	Fair	Backup
193321	43i - SO2	Analyzer	Lab	1225154501	2012	9	10967.50	Poor	Parts
197214	43i - SO2	Analyzer	Lab	1436363426	2014	7	12457.00	Good	Backup
2002637	43i - SO2	Analyzer	Lab	1170310006	N/A	N/A	N/A	Good	Active
167934	48C - CO	Analyzer	Lab	48C-67479-356	N/A	N/A	N/A	Good	Backup
167932	48C - CO	Analyzer	Lab	48C-67941-356	N/A	N/A	N/A	Fair	Parts
167935	48C - CO	Analyzer	Lab	48C-67941-359	2001	20	8559.00	Poor	Parts
N/A	48C - CO trace	Analyzer	Lab	48CTL-67186-356	N/A	N/A	N/A	Fair	Parts
180679	48i - CO	Analyzer	Lab	0611616470	N/A	N/A	N/A	Fair	Parts
193160	48i - CO	Analyzer	Lab	1216753230	N/A	N/A	N/A	Fair	Parts
197215	48i - CO	Analyzer	Lab	1436363425	2014	7	12467.00	Poor	Backup
199824	48i - CO	Analyzer	Lab	11606000006	2016	5	12785.75	Good	Backup
2002638	48i - CO	Analyzer	Lab	1170310013	N/A	N/A	N/A	Good	Inactive
N/A	48i - CO	Analyzer	Lab	1170310014	N/A	N/A	N/A	Good	Inactive
174139	49C - O3	Analyzer	Lab	423707710	2004	17	6354.00	Fair	Parts
174138	49C - O3	Analyzer	Lab	0423707712	2004	17	6354.00	Fair	Parts
174133	49C - PS	Analyzer	Lab	0423707707	2004	17	8127.00	Fair	Parts
N/A	49i - ozone	Analyzer	Lab	1170480025	N/A	N/A	N/A	Good	Active
186855	49i - ozone	Analyzer	Lab	CM09040077	2009	12	6978.40	Fair	Backup
186856	49i - ozone	Analyzer	Lab	CM09040078	2009	12	6978.40	Fair	Parts
N/A	49i - PS ozone	Analyzer	Lab	1430863375	2015	6	N/A	Good	Active
138481	49i - PS ozone	Analyzer	Lab	1225154500	2012	6	11233.50	Fair	Backup
106278	N/A	Balance	Lab	3411155	N/A	N/A	N/A	Poor	Obsolete
195340	6100	Calibrator	Lab	5736	2008	13	N/A	Good	Active
189416	6100	Calibrator	Lab	4776	2010	11	8775.00	Good	Active
184538	6100	Calibrator	Lab	4306	N/A	N/A	N/A	Fair	Active
189417	6100	Calibrator	Lab	4775	2010	11	8775.00	Fair	Backup
189416	6100	Calibrator	Lab	4776	2010	11	8775.00	Good	Backup
184536	6100	Calibrator	Lab	4312	N/A	N/A	N/A	Fair	Backup
197599	6100	Calibrator	Lab	6509	2015	6	8887.50	Fair	Backup
187084	6100	Calibrator	Lab	4490	2009	12	8775.00	Good	Backup
172575	Computer IBM	Computer	Lab	KCRR74F	N/A	N/A	N/A	Fair	Active
183820	8832	Data Logger	Lab	A1943	2004	17	N/A	Good	Inactive
172529	8832	Data Logger	Lab	A0541	2004	17	N/A	Good	Inactive
N/A	8832	Data Logger	Lab	A0538	2004	17	N/A	Good	Inactive
171778	8832	Data Logger	Lab	A0543	2004	17	N/A	Good	Inactive
183819	8832	Data Logger	Lab	A1942	2004	17	N/A	Good	Inactive
172525	8832	Data Logger	Lab	A0547	2004	17	N/A	Good	Inactive

195341	8832	Data Logger	Lab	A4688K	2014	7	N/A	Good	Inactive
172516	8832	Data Logger	Lab	A0540	N/A	N/A	N/A	Fair	Parts
N/A	8832	Data Logger	Lab	A0542	N/A	N/A	N/A	Fair	Backup
172526	8832	Data Logger	Lab	A0544	N/A	N/A	N/A	Fair	Parts
172517	8832	Data Logger	Lab	A0545	N/A	N/A	N/A	Fair	Backup
172518	8832	Data Logger	Lab	A0546	N/A	N/A	N/A	Fair	Good
172528	8832	Data Logger	Lab	A0549	N/A	N/A	N/A	Fair	Good
172527	8832	Data Logger	Lab	A0548	N/A	N/A	N/A	Fair	Parts
172524	8832	Data Logger	Lab	A0587	N/A	N/A	N/A	Fair	Backup
189681	8832	Data Logger	Lab	A3937K	2004	17	N/A	Good	Inactive
189680	8832	Data Logger	Lab	A3936K	N/A	N/A	N/A	Good	Inactive
172522	8832	Data Logger	Lab	A0586	N/A	N/A	N/A	Good	Inactive
2007835	8872	Data Logger	Lab	8872_0848	2018	3	7911.22	Good	Backup
2007837	8872	Data Logger	Lab	8872_0845	2018	3	7911.22	Good	Backup
184118	Definer 220 H	flow standard	Lab	112786	N/A	N/A	N/A	Good	Backup
162935	Manometer	Manometer	Lab	11MN02	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	Active
144537	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Active
189418	O3 PS - 6103	O3 PS - 6103	Lab	4781	N/A	N/A	N/A	Fair	Backup
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
183596	2025	Sampler	Lab	2025B219720706	N/A	N/A	N/A	Fair	Backup
197212	2025i	Sampler	Lab	2025i206831409	2014	7	16361.25	Good	Inactive
197694	2025i	Sampler	Lab	2025iW207931504	2015	6	17050.77	Good	Active
195339	5014i	Sampler	Lab	CM13351001	2014	7	15213.66	Fair	Backup
N/A	TE 1400A	Sampler	Lab	140AB267240705	N/A	N/A	N/A	Fair	Parts
188469	TE 1400ab	Sampler	Lab	140AB275771001	N/A	N/A	N/A	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
197613	TEOM 1405	Sampler	Lab	1405A230821502	2015	6	17075.00	Good	Inactive
N/A	Thermo 1405	Sampler	Lab	1405A241581808	N/A	N/A	N/A	Good	Backup
171440	Sonic Anemometer	Sonic Anemometer	Lab	N/A	N/A	N/A	N/A	Poor	Parts
171441	Sonic Anemometer	Sonic Anemometer	Lab	N/A	N/A	N/A	N/A	Poor	Parts
171442	Sonic Anemometer	Sonic Anemometer	Lab	N/A	N/A	N/A	N/A	Poor	Parts
116737	Supply Cabinet - metal	Supply Cabinet - metal	Lab	N/A	N/A	N/A	N/A	Fair	Active
138480	Trailer	Trailer	Lab	N/A	1991	30	3697.90	Poor	Active
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	Active
186648	111	Zero Air Gen	Lab	907935555	2009	12	3334.17	Good	Active
2005521	Teledyne 701	Zero Air Gen	Lab	5933	N/A	N/A	4756.75	Good	Backup
2005523	Teledyne 701	Zero Air Gen	Lab	5930	N/A	N/A	4756.75	Good	Backup
2005524	Teledyne 701	Zero Air Gen	Lab	5932	N/A	N/A	4756.75	Good	Backup
2002358	Teledyne 701	Zero Air Gen	Lab	5975	2017	4	5236.22	Good	Backup
2002360	Teledyne 701	Zero Air Gen	Lab	5874	2017	4	5236.22	Good	Backup
2002357	Teledyne 701	Zero Air Gen	Lab	5876	2017	4	5236.22	Good	Backup
173297	IBM - ThinkPad		Lab	99-RZNFH	N/A	N/A	N/A	Fair	Active
2012338	Teledyne T700U	Calibrator	Lab	539	2020	1	20080.00	Good	Testing
2012339	Teledyne T700U	Calibrator	Lab	540	2020	1	20080.00	Good	Testing
2012680	Teledyne T640	Sampler PM2.5	Lab	1042	2020	1	25118.00	Good	Backup
2007834	8872	Data Logger	Mandarin Rd	8872_0851	2018	3	7911.22	Good	Active
171778	Enclosure	Enclosure	Mandarin Rd	343G-10 (COJ# from inven)	N/A	N/A	N/A	Fair	Inactive
N/A	Teledyne	T640X	Mandarin Rd	725	2019	2	37194.00	Good	Active
N/A	Trailer	Trailer	Mandarin Rd	N/A	N/A	N/A	N/A	Poor	Active
2002639	49i - ozone	Analyzer	Mayo	117310016	N/A	N/A	8702.90	Good	Active
186858	49i - PS ozone	Analyzer	Mayo	1170480025	N/A	N/A	N/A	Good	Active
172648	Computer	Computer	Mayo	KCTA57T	N/A	N/A	N/A	Fair	Active
2007831	8872	Data Logger	Mayo	8872_0846	2018	3	7911.22	Good	Active
199821	TEOM 1405	Sampler	Mayo	1405A235821603	2016	5	16890.13	Good	Active
153455	Trailer	Trailer	Mayo	N/A	N/A	N/A	N/A	Poor	Active
N/A	111iQ	Zero Air Gen	Mayo	CM19340289	2020	1	N/A	Good	Active
2002645	42i - Nox	Analyzer	Pepsi Place	1170310009	N/A	N/A	N/A	Good	Active
195338	48i - CO	Analyzer	Pepsi Place	1308857434	2014	7	12467.00	Good	Active
182786	6100	Calibrator	Pepsi Place	3887	N/A	N/A	N/A	Fair	Backup
2002229	6100	Calibrator	Pepsi Place	7585	2017	4	N/A	Good	Backup
2002228	6100	Calibrator	Pepsi Place	7586	2017	4	N/A	Good	Active
184695	Computer - Dell Latitude D630	Computer	Pepsi Place	BPVYZF1	N/A	N/A	N/A	Fair	Active
184695	Laptop - ThinkPad PPL	Computer	Pepsi Place	BPVYZF1	N/A	N/A	N/A	Fair	Active
2007833	8872	Data Logger	Pepsi Place	8872_0844	2018	3	7911.22	Good	Active
195344	Met Sensor	Met Sensor	Pepsi Place	N/A	N/A	N/A	N/A	Fair	Active
195347	Met Tower	Met Tower	Pepsi Place	N/A	N/A	N/A	N/A	Fair	Active
195345	Computer Rack	Rack	Pepsi Place	N/A	N/A	N/A	N/A	Good	Active
195346	Computer Rack	Rack	Pepsi Place	N/A	N/A	N/A	N/A	Good	Active
197615	5014i	Sampler	Pepsi Place	CM14501004	2015	6	16880.00	Good	Inactive
2010486	Teledyne	T640	Pepsi Place	681	2019	2	23987.00	Good	Active

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Property / Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
EPA Supplied	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	470015	236	7/3/2014	7 Years	\$0.00	Good	Active
EPA Supplied 106643	Thermo Aluma Tower	R&P 2025 Sampler (EPA purchased, no DEP #) MET TOWER	1056006 1130015	2025A203949806	6/1/1998 1/28/2000	23 Years 22 Years	\$0.00 \$1,590.00	Good Good	Active Active
139174	Thermo	49I-UV PHOTOMETRIC OZONE ANALYZER	1130015	CM09130039	5/12/2009	12 Years	\$7,569.45	Good	Active
140306	Thermo	CALIBRATOR	1130015	935239567	1/8/2010	12 Years	\$9,808.00	Good	Active
142182	Vaisala	WEATHER TRANSMITTER	1130015	G0350005	2/7/2011	11 Years	\$2,648.00	Good	Active
149980	Thermo	TEOM 1405 MONITOR	1130015	1405A232801511	12/1/2015	6 Years	\$16,881.22	Good	Active
148239	Thermo	ANALYZER	1290001	1417862270	6/30/2014	7 Years	\$8,960.83	Good	Active
EPA Supplied	Aluma Tower	Aluma Tower T-13512	1290001	214005.Z.2.3	7/3/2014	7 Years	\$0.00	Good	Active
EPA Supplied	Teledyne	Teledyne API T700U	1290001	203	7/3/2014	7 Years	\$0.00	Good	Active
EPA Supplied	CAS 9003	CAS 9003 Series Shelter standalone ambient air monitoring enclosure.	1290001	4072	7/3/2014	7 Years	\$0.00	Good	Active
155235	Nova-Lynx	BAROMETER	(First Coast)	1742000144	11/6/2018	3 Years	\$1,874.50	Good	Active
155373	BGI	Flow Reference	(Forgotten Coast)	166233	11/27/2018	3 Years	\$2,725.50	Good	Active
153385									
154510	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101)	775	2/19/2018	4 Years	\$6,795.00	Good	Active
155232	Teledyne	APT 640X	(MRAS Shop D101)	438	5/18/2018	3 Years	\$35,000.00	Good	Active
155233	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000191	11/6/2018	3 Years	\$1,874.50	Good	Active
155234	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000193	11/6/2018	3 Years	\$1,874.50	Good	Active
155236	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000143	11/6/2018	3 Years	\$1,874.50	Good	Active
155265	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000145	11/6/2018	3 Years	\$1,874.50	Good	Active
155265	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25001	11/20/2018	3 Years	\$2,245.50	Good	Active
155266	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25002	11/20/2018	3 Years	\$2,245.50	Good	Active
155367	BGI	Flow Reference	(MRAS Shop D101)	166083	11/27/2018	3 Years	\$2,725.50	Good	Active
155368	BGI	Flow Reference	(MRAS Shop D101)	166084	11/27/2018	3 Years	\$2,725.50	Good	Active
155369	BGI	Flow Reference	(MRAS Shop D101)	166229	11/27/2018	3 Years	\$2,725.50	Good	Active
155370	BGI	Flow Reference	(MRAS Shop D101)	166230	11/27/2018	3 Years	\$2,725.50	Good	Active
155371	BGI	Flow Reference	(MRAS Shop D101)	166231	11/27/2018	3 Years	\$2,725.50	Good	Active
155372	BGI	Flow Reference	(MRAS Shop D101)	166232	11/27/2018	3 Years	\$2,725.50	Good	Active
155374	BGI	Flow Reference	(MRAS Shop D101)	166234	11/27/2018	3 Years	\$2,725.50	Good	Active
155375	BGI	Flow Reference	(MRAS Shop D101)	166235	11/27/2018	3 Years	\$2,725.50	Good	Active
155460	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	865	2/21/2019	3 Years	\$8,550.00	Good	Active
155461	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	866	2/21/2019	3 Years	\$8,550.00	Good	Active
155462	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	867	2/21/2019	3 Years	\$8,550.00	Good	Active
155463	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	868	2/21/2019	3 Years	\$8,550.00	Good	Active
155469	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	874	2/21/2019	3 Years	\$8,550.00	Good	Active
155465	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	870	2/21/2019	3 Years	\$8,550.00	Good	Active
155466	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	871	2/21/2019	3 Years	\$8,550.00	Good	Active
155467	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	872	2/21/2019	3 Years	\$8,550.00	Good	Active
155464	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	869	2/21/2019	3 Years	\$8,550.00	Good	Active
155468	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	873	2/21/2019	3 Years	\$8,550.00	Good	Active
155517	Thermo	146IQ Dynamic Gas Calibrator	(MRAS Shop D101B)	1182980003	2/28/2019	3 Years	\$21,107.75	Good	Active
155366	BGI	Flow Reference	(Space Coast)	166082	11/27/2018	3 Years	\$2,725.50	Good	Active
154057	PolyScience	RFG Circulating Water Bath.	(Standards Lab Room B105)	1803-022376	5/3/2018	3 Years	\$2,441.65	Good	Active
154567	Teledyne	API 751H	(Standards Lab Room B105)	239	6/27/2019	2 Years	\$7,850.00	Good	Active
154568	Teledyne	API 751H	(Standards Lab Room B105)	240	6/27/2019	2 Years	\$7,850.00	Good	Active
154569	Teledyne	API 751H	(Standards Lab Room B105)	241	6/27/2019	2 Years	\$7,850.00	Good	Active
154570	Teledyne	API 751H	(Standards Lab Room B105)	242	6/27/2019	2 Years	\$7,850.00	Good	Active
155250	Teledyne	T750U Calibration	(Standards Lab Room B105)	152	11/1/2018	3 Years	\$23,137.50	Good	Active
156180	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	0918000073	4/18/2019	2 Years	\$1,630.00	Good	Active
156189	Mesa Labs	ML-800 Base	(Standards Lab Room B105)	172051	3/21/2019	2 Years	\$6,800.00	Good	Active
156190	Mesa Labs	ML-800 High Cell	(Standards Lab Room B105)	170560	3/21/2019	2 Years	\$11,000.00	Good	Active
156191	Mesa Labs	ML-800 Medium Cell	(Standards Lab Room B105)	171983	3/21/2019	2 Years	\$11,000.00	Good	Active
156192	Mesa Labs	ML-800 Low Cell	(Standards Lab Room B105)	170275	3/21/2019	2 Years	\$11,000.00	Good	Active
156193	Mesa Labs	ML-800 Ultra Low Cell	(Standards Lab Room B105)	170812	3/21/2019	2 Years	\$18,500.00	Good	Active
156234	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	0918000074	4/18/2019	2 Years	\$1,630.00	Good	Active
156235	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	0918000075	4/18/2019	2 Years	\$1,630.00	Good	Active
156236	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	0921000073	4/18/2019	2 Years	\$1,630.00	Good	Active
156237	Nova-Lynx	BAROMETER	(Standards Lab Room B105)	0921000074	4/18/2019	2 Years	\$1,630.00	Good	Active
156542	Teledyne	API 751H	(Standards Lab Room B105)	303	6/27/2019	2 Years	\$7,850.00	Good	Active
157220	BGI	Flow Reference	(Standards Lab Room B105)	174721	12/4/2019	2 Years	\$2,806.00	Good	Active
157221	BGI	Flow Reference	(Standards Lab Room B105)	175818	12/4/2019	2 Years	\$2,806.00	Good	Active
157222	BGI	Flow Reference	(Standards Lab Room B105)	175819	12/4/2019	2 Years	\$2,806.00	Good	Active
157223	BGI	Flow Reference	(Standards Lab Room B105)	175820	12/4/2019	2 Years	\$2,806.00	Good	Active
157224	BGI	Flow Reference	(Standards Lab Room B105)	175821	12/4/2019	2 Years	\$2,806.00	Good	Active
157604	Mesa Labs	Mesa Labs 800-B	(Standards Lab Room B105)	178446	3/11/2020	1 Years	\$7,192.00	Good	Active
157605	Mesa Labs	Mesa Labs 800-10	(Standards Lab Room B105)	174973	3/11/2020	1 Years	\$11,220.00	Good	Active
157606	Mesa Labs	Mesa Labs 800-24	(Standards Lab Room B105)	176851	3/11/2020	1 Years	\$11,220.00	Good	Active
157607	Mesa Labs	Mesa Labs 800-44	(Standards Lab Room B105)	175786	3/11/2020	1 Years	\$11,220.00	Good	Active
159688	Teledyne	API T700	(Standards Lab Room B105)	5269	12/15/2021	0 Years	\$14,903.20	Good	Active
159689	Teledyne	API T700	(Standards Lab Room B105)	5270	12/15/2021	0 Years	\$14,903.20	Good	Active
140297	Thermo	AIR SAMPLER	0010023	2025B225910910	1/11/2010	12 Years	\$12,575.80	Good	Active
140300	Thermo	AIR SAMPLER	0010023	2025B225940910	1/11/2010	12 Years	\$12,575.81	Good	Active
93280	Aluma Tower	ALUM. CRANK UP TOWER	0013012	NA	9/1/1995	26 Years	\$1,388.00	Good	Active
93883	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	0013012	1WC20011613034007	6/21/1996	25 Years	\$9,381.00	Good	Active
115154	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0013012	140AB253230409	1/6/2003	19 Years	\$2,334.00	Good	Active
121817	Thermo	AIR MONITOR	0013012	033239571	1/8/2010	12 Years	\$9,808.00	Good	Active
140310	Thermo	CALIBRATOR	0013012	G3420017	9/23/2011	10 Years	\$2,618.24	Good	Active
143517	Vaisala	VAISALA WEATHER TRANSMITTER	0013012	1227254949	10/19/2012	9 Years	\$8,441.78	Good	Active
143216	Thermo	OZONE ANALYZER	0030002	1WC2001153030266	12/12/1994	27 Years	\$9,074.93	Good	Active
88409	Wells Cargo	20' WELLS CARGO TRAILER	0030002	ATS418F-10-4S	10/20/1994	27 Years	\$1,300.00	Good	Active
89696	Aluma Tower	MET TOWER	0030002	G0350002	5/23/2003	18 Years	\$2,648.00	Good	Active
117235	Atlantic Scientific	LIGHTNING PROTECTION KIT	0030002	1331659578	2/7/2011	11 Years	\$2,648.00	Good	Active
142179	Vaisala	WEATHER TRANSMITTER	0030002		12/11/2013	8 Years	\$7,917.81	Good	Active
147051	Thermo	UV 03 ANALYZER 49IAINAA	0030002						
147066	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0030002	1331659540	12/11/2013	8 Years	\$10,766.07	Good	Active
148488	ESC 8872	DATA LOGGERS	0030002	461	6/16/2015	6 Years	\$6,647.50	Good	Active
106642	Aluma Tower	MET TOWER	0050006	A191204-L1-#9	1/28/2000	22 Years	\$1,590.00	Good	Active
139025	Thermo	49I-UV PHOTOMETRIC OZONE CALIBRATOR	0050006	0913235776	5/4/2009	12 Years	\$10,202.76	Good	Active
140303	Thermo	ANALYZER	0050006	CM09500015	1/8/2010	12 Years	\$7,936.32	Good	Active
142191	Vaisala	WEATHER TRANSMITTER	0050006	G0350014	2/7/2011	11 Years	\$2,648.00	Good	Active
149977	Thermo	TEOM 1405 MONITOR	0050006	1405A232741511	12/1/2015	6 Years	\$16,881.22	Good	Active
BL605011	Wells Cargo	AIR MONITORING SHELTER 4832	0050006	1WC200114Y3043554	10/4/2000	21 Years	\$9,094.40	Good	Active
104334	Wells Cargo	1999 WELLS CARGO UTILIT TRL DEP4609	0090007	1WC200116X3042744	11/10/1999	22 Years	\$7,660.00	Good	Active
106634	Aluma Tower	CRANK-UP TOWER 10M	0090007	A191204-L1-#8	1/28/2000	22 Years	\$1,590.00	Good	Active

139698	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	0090007	2025H22520905	6/10/2009	12 Years	\$12,464.95	Good	Active
143516	Vaisala	VAISALA WEATHER TRANSMITTER	0090007	G3420013	9/23/2011	10 Years	\$2,618.24	Good	Active
146567	Thermo	UV 03 ANALYZER	0090007	1317958400	7/12/2013	8 Years	\$8,657.24	Good	Active
146569	Thermo	UV 03 CALIBRATOR	0090007	1317958402	7/12/2013	8 Years	\$11,771.49	Good	Active
149489	ESC 8872	DATA LOGGERS	0090007	462	6/16/2015	6 Years	\$6,647.50	Good	Active
152054	Thermo	PARTISOL PLUS SAMPLER 2025I-AV	0090007	2025I11921704	5/9/2017	4 Years	\$18,201.88	Good	Active
93884	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	0094001	1WC20018T3034008	6/21/1996	25 Years	\$9,381.00	Good	Active
143509	Vaisala	VAISALA WEATHER TRANSMITTER	0094001	G3420024	9/23/2011	10 Years	\$2,618.24	Good	Active
146568	Thermo	UV 03 CALIBRATOR	0094001	1317958401	7/12/2013	8 Years	\$11,771.49	Good	Active
148240	Thermo	ANALYZER	0094001	1417862271	6/30/2014	7 Years	\$8,960.83	Good	Active
110690	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	0170006	N/A	8/27/2001	20 Years	\$1,660.00	Good	Active
139702	Wells Cargo	TRAILER 8X20DEP21076	0170006	1WC20022893059623	6/16/2009	12 Years	\$16,922.25	Good	Active
142166	Teledyne	AIR SYSTEM MODEL 7010	0170006	3413	2/7/2011	11 Years	\$4,057.13	Good	Active
143514	Vaisala	VAISALA WEATHER TRANSMITTER	0170006	G3420012	9/23/2011	10 Years	\$2,618.24	Good	Active
145511	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	0170006	1308857349	4/11/2013	9 Years	\$11,497.28	Good	Active
149981	Thermo	TEOM 1405 MONITOR	0170006	1405A232951511	12/1/2015	6 Years	\$16,881.22	Good	Active
150106	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	0170006	2329	1/26/2016	6 Years	\$14,914.00	Good	Active
117237	Atlantic Scientific	LIGHTNING PROTECTION KIT	0210004	5232003	5/23/2003	18 Years	\$2,421.66	Good	Active
143511	Vaisala	VAISALA WEATHER TRANSMITTER	0210004	G3420015	9/23/2011	10 Years	\$2,618.24	Good	Active
145226	Thermo	OZONE CALIBRATOR	0210004	1227254880	10/19/2012	9 Years	\$11,487.49	Good	Active
147049	Thermo	UV 03 ANALYZER 491AINAA	0210004	1331659573	12/11/2013	8 Years	\$7,917.81	Good	Active
153217	Thermo	1405 AVF TEOM	0210004	1405A240341711	11/14/2017	4 Years	\$20,264.42	Good	Active
BL605007	Wells Cargo	AIR MONITORING SHELTER 4828	0210004	1WC200117Y3043550	10/4/2000	21 Years	\$9,094.40	Good	Active
ER031035	Aluma Tower	MET TOWER	0210004	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
106640	Aluma Tower	MET TOWER	0230002	AT-912044	1/28/2000	22 Years	\$1,590.00	Good	Active
143519	Vaisala	VAISALA WEATHER TRANSMITTER	0230002	G3420018	9/23/2011	10 Years	\$2,618.24	Good	Active
147047	Thermo	UV 03 ANALYZER 491AINAA	0230002	1331659580	12/11/2013	8 Years	\$7,917.81	Good	Active
147075	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0230002	1331659612	12/11/2013	8 Years	\$10,766.07	Good	Active
149632	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0230002	0487	9/11/2015	6 Years	\$6,840.00	Good	Active
149978	Thermo	TEOM 1405 MONITOR	0230002	1405A232711510	12/1/2015	6 Years	\$16,881.22	Good	Active
BL605008	Wells Cargo	AIR MONITORING SHELTER 4829	0230002	1WC20010Y3043552	10/4/2000	21 Years	\$9,094.40	Good	Active
93279	Aluma Tower	ALUM. CRANKUP TOWER	0300004	N/A	9/1/1995	26 Years	\$1,387.99	Good	Active
115159	Atlantic Scientific	LIGHTNING PROTECTION SYS	0300004	2252003	5/23/2003	19 Years	\$4,599.75	Good	Active
124764	Fluke	FLUKE KIT-715/87-SE CALIBRATOR 715	0300004	8767074	6/9/2005	16 Years	\$1,081.00	Good	Active
142178	Vaisala	WEATHER TRANSMITTER	0300004	G0350001	2/7/2011	11 Years	\$2,648.00	Good	Active
145219	Thermo	OZONE ANALYZER	0300004	1227254948	10/19/2012	9 Years	\$8,441.78	Good	Active
145228	Thermo	OZONE CALIBRATOR	0300004	1227254878	10/19/2012	9 Years	\$11,487.49	Good	Active
145510	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	0330004	1308857348	4/11/2013	9 Years	\$11,497.28	Good	Active
147081	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	0330004	1039	12/28/2013	8 Years	\$15,313.43	Good	Active
149366	Thermo	AIR SAMPLERS	0330004	2025IW207201412	5/4/2015	6 Years	\$12,970.08	Good	Active
149367	Thermo	PARTISOL AIR SAMPLER	0330004	2025IW207241412	5/4/2015	6 Years	\$12,970.08	Good	Active
149485	ESC 8872	DATA LOGGERS	0330004	0458	6/16/2015	6 Years	\$6,647.50	Good	Active
127441	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/BASE	0330018		4/3/2006	16 Years	\$2,235.00	Good	Active
142184	Vaisala	WEATHER TRANSMITTER	0330018	G0350007	2/7/2011	11 Years	\$2,648.00	Good	Active
145222	Thermo	OZONE ANALYZER	0330018	1227254950	10/19/2012	9 Years	\$8,441.78	Good	Active
145225	Thermo	OZONE CALIBRATOR	0330018	1227254881	10/19/2012	9 Years	\$11,487.49	Good	Active
148411	William Scotsman	PORTABLE BLDG	0330018	B043MODB25	8/6/2014	7 Years	\$34,799.00	Good	Active
135538	Wells Cargo	SITE MONITORING TRAILER 8X20	0350004	1WC20023830588622	5/14/2008	13 Years	\$14,597.00	Good	Active
142183	Vaisala	WEATHER TRANSMITTER	0350004	G0350006	2/7/2011	11 Years	\$2,648.00	Good	Active
147048	Thermo	UV 03 ANALYZER 491AINAA	0350004	1331659608	12/11/2013	8 Years	\$7,917.81	Good	Active
147069	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0350004	1331659628	12/11/2013	8 Years	\$10,766.07	Good	Active
104333	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4608	0470015	1WC20014X3042743	11/10/1999	22 Years	\$7,660.00	Good	Active
106635	Aluma Tower	MET TOWER - test	0470015		1/28/2000	22 Years	\$1,590.00	Good	Active
137565	Thermo	TEOM MONITOR 1405	0470015	1405A1264112212	9/8/2008	13 Years	\$17,554.10	Good	Active
140620	Teledyne	GAS CALIBRATOR	0470015	895-A	6/1/2010	11 Years	\$15,103.00	Good	Active
142185	Vaisala	WEATHER TRANSMITTER	0470015	G0350008	2/7/2011	11 Years	\$2,648.00	Good	Active
149826	Thermo	431 S02 ANALYZER	0470015	JC1526101647	11/12/2015	6 Years	\$11,983.43	Good	Active
110689	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	0550003	N/A	8/27/2001	20 Years	\$1,660.00	Good	Active
143512	Vaisala	VAISALA WEATHER TRANSMITTER	0550003	G3420025	9/23/2011	10 Years	\$2,618.24	Good	Active
147053	Thermo	UV 03 ANALYZER 491AINAA	0550003	1331659581	12/11/2013	8 Years	\$7,917.81	Good	Active
147073	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0550003	1331659627	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605014	Wells Cargo	AIR MONITORING SHELTER 4845	0550003		10/4/2000	21 Years	\$9,094.40	Good	Active
89695	Aluma Tower	MET TOWERS	0590004		10/20/1994	27 Years	\$1,300.00	Good	Active
112110	Wells Cargo	8X20 WELLS CARGO STORAGE TRL DEP5580	0590004	1WC2002223047926	1/22/2002	20 Years	\$10,812.00	Good	Active
139699	Thermo	TEOM MONITOR MODEL 1405	0590004	1405A204650904	6/10/2009	12 Years	\$17,857.44	Good	Active
140304	Thermo	ANALYZER	0590004	CM09500016	1/8/2010	12 Years	\$7,936.33	Good	Active
142180	Vaisala	WEATHER TRANSMITTER	0590004	G0350003	2/7/2011	11 Years	\$2,648.00	Good	Active
147070	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0590004	1331659629	12/11/2013	8 Years	\$10,766.07	Good	Active
106639	Aluma Tower	MET TOWER	0690002	A191204-L1-#8	1/28/2000	22 Years	\$1,590.00	Good	Active
115151	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0690002	201031112	1/6/2003	19 Years	\$2,334.00	Good	Active
143521	Vaisala	VAISALA WEATHER TRANSMITTER	0690002	G3420019	9/23/2011	10 Years	\$2,618.24	Good	Active
145218	Thermo	OZONE ANALYZER	0690002	1227254945	10/19/2012	9 Years	\$8,441.78	Good	Active
147067	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0690002	1331659582	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605009	Wells Cargo	AIR MONITORING SHELTER 4830	0690002	1WC20013Y3043445	10/4/2000	21 Years	\$9,094.40	Good	Active
100505	Aluma Tower	MET TOWER	0712002	N/A	11/19/1997	24 Years	\$1,617.35	Good	Active
143513	Vaisala	VAISALA WEATHER TRANSMITTER	0712002	G3420034	9/23/2011	10 Years	\$2,618.24	Good	Active
147059	Thermo	UV 03 ANALYZER 491AINAA	0712002	1331659610	12/11/2013	8 Years	\$7,917.81	Good	Active
148243	Thermo	CALIBRATOR	0712002	1417862274	6/30/2014	7 Years	\$12,231.77	Good	Active
93281	Aluma Tower	ALUM. CRANKUP TOWER	0713002	N/A	9/1/1995	26 Years	\$1,388.00	Good	Active
115156	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0713002		1/6/2003	19 Years	\$2,334.00	Good	Active
139701	Wells Cargo	TRAILER 8X20 DEP21075	0713002	1WC2002693059622	6/16/2009	12 Years	\$16,922.25	Good	Active
143515	Vaisala	VAISALA WEATHER TRANSMITTER	0713002	G3420011	9/23/2011	10 Years	\$2,618.24	Good	Active
147054	Thermo	UV 03 ANALYZER 491AINAA	0713002	1331659575	12/11/2013	8 Years	\$7,917.81	Good	Active
147065	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0713002	1331659608	12/11/2013	8 Years	\$10,766.07	Good	Active
99914	Wells Cargo	98 WELLS CARGO TRAILER DEP4132	0730012	1WC20011W3039118	3/25/1998	24 Years	\$9,930.00	Good	Active
100506	Aluma Tower	MET TOWER	0730012	N/A	11/19/1997	24 Years	\$1,617.36	Good	Active
115158	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0730012		1/6/2003	19 Years	\$2,334.00	Good	Active
140302	Thermo	ANALYZER	0730012	CM09500014	1/8/2010	12 Years	\$7,936.32	Good	Active
140308	Thermo	CALIBRATOR	0730012	03239569	1/8/2010	12 Years	\$9,808.00	Good	Active
143499	Vaisala	VAISALA WEATHER TRANSMITTER	0730012	G3420033	9/23/2011	10 Years	\$2,618.24	Good	Active
146372	Thermo	1405 MONITOR	0730012		7/12/2013	8 Years	\$16,883.57	Good	Active
149023	ESC 8872	DATA LOGGER	0730012	0381	2/6/2015	7 Years	\$6,280.00	Good	Active
149368	Thermo	PARTISOL AIR SAMPLER	0730012	2025IW207211412	5/4/2015	6 Years	\$12,970.08	Good	Active
149369	Thermo	PARTISOL AIR SAMPLER	0730012	2025IW207311501	5/4/2015	6 Years	\$12,970.08	Good	Active
152398	Teledyne	MASS MONITOR T640 PM	0730012	185	6/13/2017	4 Years	\$23,307.40	Good	Active
140622	Teledyne	GAS CALIBRATOR	0810028	900-S	6/1/2010	11 Years	\$15,103.00	Good	Active
142168	Teledyne	AIR SYSTEM MODEL 7010	0810028	3415	2/7/2011	11 Years	\$4,057.13	Good	Active
145512	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	0810028	1308857350	4/11/2013	9 Years	\$11,497.28	Good	Active
100507	Aluma Tower	ALUMINUM CRANKUP TOWER	0830003	A1-71198-102-3	11/19/1997	24 Years	\$1,617.36	Good	Active

132187	Thermo	VSSC MONITOR	0830003	140AB266790704	5/17/2007	14 Years	\$24,964.00	Good	Active
142181	Vaisala	WEATHER TRANSMITTER	0830003	G035004	2/7/2011	11 Years	\$2,648.00	Good	Active
145220	Thermo	OZONE ANALYZER	0830003	1227254942	10/19/2012	9 Years	\$8,441.78	Good	Active
147060	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0830003	1331659541	12/11/2013	8 Years	\$10,766.07	Good	Active
ER031305	Wells Cargo	92 WELLS CARGO TRAILER TAG#23938	0830003	1WC2001IXN3022977	3/26/1992	30 Years	\$8,791.02	Good	Active
106638	Aluma Tower	MET TOWER	0830004	AT91204-L1-1	1/28/2000	22 Years	\$1,590.00	Good	Active
143518	Vaisala	VAISALA WEATHER TRANSMITTER	0830004	G3420016	9/23/2011	10 Years	\$2,618.24	Good	Active
147046	Thermo	UV 03 ANALYZER 491AINAA	0830004	1331659576	12/11/2013	8 Years	\$7,917.81	Good	Active
147064	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0830004	1331659584	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605016	Wells Cargo	AIR MONITORING SHELTER	0830004		10/4/2000	21 Years	\$9,094.40	Good	Active
121819	Thermo	AIR MONITOR	0850007	140AB253250409	11/12/2004	17 Years	\$17,460.00	Good	Active
127442	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/BASE	0850007		4/3/2006	16 Years	\$2,235.00	Good	Active
127531	Fluke	FLUKE KIT	0850007	9005307	4/20/2006	15 Years	\$1,362.05	Good	Active
135562	Wells Cargo	SITE MONITORING TRAILER 8X20	0850007	1WC2002583058623	5/27/2008	13 Years	\$14,597.00	Good	Active
143506	Vaisala	VAISALA WEATHER TRANSMITTER	0850007	G3420035	9/23/2011	10 Years	\$2,618.24	Good	Active
147079	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0850007	1331659542	12/11/2013	8 Years	\$10,766.07	Good	Active
148241	Thermo	ANALYZER	0850007	1417862272	6/30/2014	7 Years	\$8,960.83	Good	Active
104332	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4606	0890005	1WC200112X3042742	11/10/1999	22 Years	\$7,660.00	Good	Active
106636	Aluma Tower	MET TOWER	0890005		1/28/2000	22 Years	\$1,590.00	Good	Active
121347	Atlantic Scientific	LIGHTNING PROTECTION KIT	0890005		9/27/2004	17 Years	\$2,810.81	Good	Active
140120	Teledyne	TELEDYNE MODEL 700 CALIBRATOR	0890005	703-S	10/26/2009	12 Years	\$16,958.96	Good	Active
140930	Vaisala	WXT520 WEATHER TRANSMITTER	0890005	F2620012	7/9/2010	11 Years	\$2,032.75	Good	Active
145231	Thermo	PULSE FLUOR SO2 ANALYZER	0890005	1227254883	10/19/2012	9 Years	\$11,213.28	Good	Active
149630	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0890005	0488	9/11/2015	6 Years	\$6,840.00	Good	Active
110129	Wells Cargo	WELLS CARGO UTILITY TRL DEP5299	0890010	1WC200E1733049495	2/24/2003	19 Years	\$10,277.00	Good	Active
115149	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0890010		1/6/2003	19 Years	\$2,334.00	Good	Active
145266	Thermo	AIR MONITOR	0890010	1405A213561102	3/30/2011	11 Years	\$18,374.48	Good	Active
149631	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	0890010	0489	9/11/2015	6 Years	\$6,840.00	Good	Active
106637	Aluma Tower	CRANK-UP TOWER 10M	0910002		1/28/2000	22 Years	\$1,590.00	Good	Active
121345	Atlantic Scientific	LIGHTNING PROTECTION KIT	0910002		9/27/2004	17 Years	\$2,810.81	Good	Active
137051	Thermo	PHOTOMETRIC OZONE ANALYZER	0910002	0820431148	7/14/2008	13 Years	\$7,353.50	Good	Active
143502	Vaisala	VAISALA WEATHER TRANSMITTER	0910002	G3420022	9/23/2011	10 Years	\$2,618.24	Good	Active
145265	Thermo	AIR MONITOR	0910002	1405A212581101	3/30/2011	11 Years	\$18,374.48	Good	Active
147078	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0910002	1331659543	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605010	Wells Cargo	AIR MONITORING SHELTER 4831	0910002	1WC20019Y3043551	10/4/2000	21 Years	\$9,094.40	Good	Active
111510	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	0972002		1/6/2003	19 Years	\$2,334.00	Good	Active
143498	Vaisala	VAISALA WEATHER TRANSMITTER	0972002	G3420030	9/23/2011	10 Years	\$2,618.24	Good	Active
145217	Thermo	OZONE ANALYZER	0972002		10/19/2012	9 Years	\$8,441.78	Good	Active
147061	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	0972002	1331659643	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605005	Wells Cargo	AIR MONITORING SHELTER 4833	0972002	1WC20019Y3043548	10/4/2000	21 Years	\$9,094.40	Good	Active
ER031033	Aluma Tower	MET TOWER	0972002	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
106644	Aluma Tower	MET TOWER	1010005		1/28/2000	22 Years	\$1,590.00	Good	Active
117236	Atlantic Scientific	LIGHTNING PROTECTION KIT	1010005		5/23/2003	18 Years	\$2,421.67	Good	Active
143522	Vaisala	VAISALA WEATHER TRANSMITTER	1010005	G3420023	9/23/2011	10 Years	\$2,618.24	Good	Active
147052	Thermo	UV 03 ANALYZER 491AINAA	1010005	1331659538	12/11/2013	8 Years	\$7,917.81	Good	Active
147072	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1010005	1331659583	12/11/2013	8 Years	\$10,766.07	Good	Active
BL605012	Wells Cargo	AIR MONITORING SHELTER 4834	1010005	1WC20010Y3043549	10/4/2000	21 Years	\$9,094.40	Good	Active
121348	Atlantic Scientific	LIGHTNING PROTECTION KIT	1012001		9/27/2004	17 Years	\$2,810.81	Good	Active
140301	Thermo	ANALYZER	1012001	CM09500013	1/8/2010	12 Years	\$7,936.52	Good	Active
140309	Thermo	CALIBRATOR	1012001	035239570	1/8/2010	12 Years	\$9,808.00	Good	Active
143501	Vaisala	VAISALA WEATHER TRANSMITTER	1012001	G3420027	9/23/2011	10 Years	\$2,618.24	Good	Active
ER030280	Wells Cargo	91 WELLS CRGO 8'X20' TRL TAG#24127	1012001	1WC20019M3022130	10/2/1991	30 Years	\$9,020.00	Good	Active
ER031037	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/TBASE	1012001	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
140617	Teledyne	GAS CALIBRATOR	1056005	898-S	6/1/2010	11 Years	\$15,103.00	Good	Active
142172	Teledyne	AIR SYSTEM MODEL 7010	1056005	3420	2/7/2011	11 Years	\$4,057.13	Good	Active
146566	Thermo	UV 03 ANALYZER	1056005		7/12/2013	8 Years	\$8,657.24	Good	Active
146574	Thermo	PULSE SO2 ANALYZER	1056005		7/12/2013	8 Years	\$11,486.40	Good	Active
148242	Thermo	CALIBRATOR	1056005	1417862273	6/30/2014	7 Years	\$12,231.77	Good	Active
ER031217	Wells Cargo	92 WELLS CARGO TRAILER TAG#24129	1056005	1WC20012N3022729	1/31/1992	30 Years	\$8,991.03	Good	Active
121346	Atlantic Scientific	LIGHTNING PROTECTION KIT	1056006		9/27/2004	17 Years	\$2,810.81	Good	Active
143504	Vaisala	VAISALA WEATHER TRANSMITTER	1056006	G3420026	9/23/2011	10 Years	\$2,618.24	Good	Active
147058	Thermo	UV 03 ANALYZER 491AINAA	1056006	1331659574	12/11/2013	8 Years	\$7,917.81	Good	Active
147076	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1056006	1331659644	12/11/2013	8 Years	\$10,766.07	Good	Active
152012	Thermo	1405 MEMBRANE MONITOR	1056006	1405A239061703	4/25/2017	4 Years	\$20,264.42	Good	Active
152607	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1056006	720	7/25/2017	4 Years	\$6,840.00	Good	Active
153348	Teledyne	MASS MONITOR T640 PM	1056006	284	11/28/2017	4 Years	\$23,307.40	Good	Active
ER030281	Wells Cargo	91 WELLS CRGO 8'X20' TRL TAG#24126	1056006	1WC2001JCM3022131	10/2/1991	30 Years	\$9,020.00	Good	Active
ER031036	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/TBASE	1056006	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
110691	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	1071008	N/A	8/27/2001	20 Years	\$1,660.00	Good	Active
115153	Atlantic Scientific	LIGHTNING PROTECTION SYSTEM	1071008		1/6/2003	19 Years	\$2,334.00	Good	Active
142171	Teledyne	AIR SYSTEM MODEL 7010	1071008	3419	2/7/2011	11 Years	\$4,057.13	Good	Active
142187	Vaisala	WEATHER TRANSMITTER	1071008	G0350010	2/7/2011	11 Years	\$2,648.00	Good	Active
145230	Thermo	PULSE FLUOR SO2 ANALYZER	1071008	1227254884	10/19/2012	9 Years	\$11,213.28	Good	Active
150105	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	1071008	2330	1/26/2016	6 Years	\$14,914.00	Good	Active
BL605019	Wells Cargo	AIR MONITORING SHELTER 4935	1071008	1P9BW1227BM652286	10/4/2000	21 Years	\$9,094.40	Good	Active
89330	Wells Cargo	20' WELLS CARGO TRAILER	1110013		12/12/1994	27 Years	\$9,074.93	Good	Active
89697	Aluma Tower	ALUMINUM CRANKUP TOWERS	1110013		10/20/1994	27 Years	\$1,300.00	Good	Active
142189	Vaisala	WEATHER TRANSMITTER	1110013	G0350012	2/7/2011	11 Years	\$2,648.00	Good	Active
147055	Thermo	UV 03 ANALYZER 491AINAA	1110013	1331659609	12/11/2013	8 Years	\$7,917.81	Good	Active
147074	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1110013	1331659642	12/11/2013	8 Years	\$10,766.07	Good	Active
89717	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	1171002	1WC2001J6R3028877	8/15/1994	27 Years	\$9,074.93	Good	Active
132382	Thermo	491PS PHOTOMETRIC OZONE	1171002	0714922083	5/29/2007	14 Years	\$9,518.93	Good	Active
135239	Aluma Tower	CRANKUP TOWER ALUMINUM 35FT	1171002	A1-R320704-L-4-2	4/28/2008	13 Years	\$2,367.50	Good	Active
140298	Thermo	AIR SAMPLER	1171002	2025R225930912	1/11/2010	12 Years	\$12,575.80	Good	Active
143505	Vaisala	VAISALA WEATHER TRANSMITTER	1171002	G3420029	9/23/2011	10 Years	\$2,618.24	Good	Active
147063	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1171002	1331659614	12/11/2013	8 Years	\$10,766.07	Good	Active
149633	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	1171002	0490	9/11/2015	6 Years	\$6,840.00	Good	Active
152595	Teledyne	MASS MONITOR T640 PM	1171002	182	6/13/2017	4 Years	\$23,307.40	Good	Active
152516	Thermo	1405 AVF F10M	1171002	1405A239851706	7/14/2017	4 Years	\$20,264.42	Good	Active
143508	Vaisala	VAISALA WEATHER TRANSMITTER	1272001	G3420032	9/23/2011	10 Years	\$2,618.24	Good	Active
145223	Thermo	OZONE ANALYZER	1272001	1227254946	10/19/2012	9 Years	\$8,441.78	Good	Active
145227	Thermo	OZONE CALIBRATOR	1272001	1227254882	10/19/2012	9 Years	\$11,487.49	Good	Active
ER030277	Wells Cargo	91 WELLS CRGO 8'X20' TRL	1272001	1WC20019M3022127	10/2/1991	30 Years	\$9,019.92	Good	Active
ER031034	Aluma Tower	MET TOWER	1272001	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
90594	Wells Cargo	20' WELLS CARGO TRAILER DEP24124	1275002	1WC20010R3029641	8/15/1994	27 Years	\$9,074.93	Good	Active
142256	Thermo	AIR SAMPLER	1275002	2025R227811103	3/11/2011	11 Years	\$12,575.81	Good	Active
146565	Thermo	UV 03 ANALYZER	1275002	1317958398	7/12/2013	8 Years	\$8,657.24	Good	Active
147071	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1275002	1331659630	12/11/2013	8 Years	\$10,766.07	Good	Active

152397	Teledyne	MASS MONITOR T640 PM	1275002	184	6/13/2017	4 Years	\$23,307.40	Good	Active
152515	Thermo	1405 AVF TEOM	1275002	1405A239571706	7/14/2017	4 Years	\$20,264.42	Good	Active
152608	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1275002	721	7/25/2017	4 Years	\$6,840.00	Good	Active
ER026441	Aluma Tower	MET TOWER	1275002	N/A	11/21/1991	30 Years	\$1,148.00	Good	Active
132281	Thermo	491A PHOTOMETRIC OZONE	1290001	0714922084	5/29/2007	14 Years	\$7,313.50	Good	Active
143500	Vaisala	VAISALA WEATHER TRANSMITTER	1290001	G3420031	9/23/2011	10 Years	\$2,618.24	Good	Active
148145	Thermo	CONTINUOUS PM MONITOR	1290001	1405A228401405	6/18/2014	7 Years	\$17,138.19	Good	Active
149486	ESC 8872	DATA LOGGERS	1290001	0459	6/16/2015	6 Years	\$6,647.50	Good	Active
152472	Teledyne	T300U CO ANALY 2 PK	1290001	SN378	7/11/2017	4 Years	\$13,181.50	Good	Active
152635	Teledyne	T100U ANALYZER	1290001	278	7/27/2017	4 Years	\$12,686.50	Good	Active
152636	Teledyne	T200U ANALYZER	1290001	334	7/27/2017	4 Years	\$22,831.50	Good	Active
135129	Fluke	FLUKE KIT-715/87-SE CALIBRATOR 715	710005	9612059	6/9/2005	16 Years	\$1,081.00	Good	Active
149365	Thermo	PARTOSOL AIR SAMPLER	710005	20251W202731412	5/4/2015	6 Years	\$12,970.08	Good	Active
152396	Teledyne	MASS MONITOR T640 PM	710005	183	6/13/2017	4 Years	\$23,307.40	Good	Active
152604	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	710005	717	7/25/2017	4 Years	\$6,840.00	Good	Active
153218	Thermo	1405 AVF TEOM	710005	1405A240351711	11/14/2017	4 Years	\$20,264.42	Good	Active
ER030279	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24125	710005	1WC20012M3022129	10/2/1991	30 Years	\$910/1924	Good	Active
153391	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0050006	773	2/19/2018	4 Years	\$6,795.00	Good	Active
154059	Thermo	1405 AVF TEOM	A0050006	1405A240911803	5/4/2018	3 Years	\$20,565.75	Good	Active
153390	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0330018	772	2/19/2018	4 Years	\$6,795.00	Good	Active
153393	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0590004	778	2/19/2018	4 Years	\$6,795.00	Good	Active
153392	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	A1130015	774	2/19/2018	4 Years	\$6,795.00	Good	Active
153389	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0013012	771	2/19/2018	4 Years	\$6,795.00	Good	Active
157985	Teledyne	API T 640	B0013012	1045	10/5/2020	1 Years	\$22,595.00	Good	Active
157943	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0350004	1033	4/20/2020	1 Years	\$7,737.00	Good	Active
157944	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0350004	1034	4/20/2020	1 Years	\$7,737.00	Good	Active
153384	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	B1071008	777	2/19/2018	4 Years	\$6,795.00	Good	Active
156603	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0094001	0921	7/8/2019	2 Years	\$7,695.00	Good	Active
153386	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830003	776	2/19/2018	4 Years	\$6,795.00	Good	Active
153388	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830004	770	2/19/2018	4 Years	\$6,795.00	Good	Active
154511	Teledyne	API T 640X	C1275002	437	5/18/2018	3 Years	\$35,000.00	Good	Active
156540	Teledyne	API T 640X	C1275002	713	6/28/2019	2 Years	\$37,022.00	Good	Active
153387	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0170006	769	2/19/2018	4 Years	\$6,795.00	Good	Active
156599	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0810028	0917	7/8/2019	2 Years	\$7,695.00	Good	Active
156597	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1012001	0915	7/8/2019	2 Years	\$7,695.00	Good	Active
156602	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1056005	0920	7/8/2019	2 Years	\$7,695.00	Good	Active
156601	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0210004	0919	7/8/2019	2 Years	\$7,695.00	Good	Active
156596	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0550003	0914	7/8/2019	2 Years	\$7,695.00	Good	Active
157946	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0710005	1036	4/20/2020	1 Years	\$7,737.00	Good	Active
158726	Teledyne	API T 640X	E0710005	1213	3/13/2021	1 Years	\$35,000.00	Good	Active
156600	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0712002	0918	7/8/2019	2 Years	\$7,695.00	Good	Active
157945	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0712002	1035	4/20/2020	1 Years	\$7,737.00	Good	Active
156598	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0713002	0916	7/8/2019	2 Years	\$7,695.00	Good	Active
157673	Nova-Lynx	BAROMETER	Emerald Coast	1931000075	5/1/2020	1 Years	\$1,855.76	Good	Active
157679	Nova-Lynx	BAROMETER	Emerald Coast	1931000076	5/1/2020	1 Years	\$1,855.76	Good	Active
155264	Met One	AI02 All In one Sensor	G0730012	X10698	11/20/2018	3 Years	\$2,245.50	Good	Active
155267	Met One	AI02 All In one Sensor	G1290001	X25003	11/20/2018	3 Years	\$2,245.50	Good	Active
157450	Thermo	491Q UV Photometric Ozone (O3) Analyzer	MRAS Shop D101	1200937048	5/1/2020	1 Years	\$10,802.98	Good	Active
157942	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101	1032	4/20/2020	1 Years	\$7,737.00	Good	Active
89802	Bios	MASS VOLUME FLOW CALIBRATOR	MRAS Shop D101A	B0255	12/17/1994	27 Years	\$3,185.73	Good	Active
89804	Bios	MASS VOLUME FLOW CALIBRATOR DRYCAL	MRAS Shop D101A	B0252	12/17/1994	27 Years	\$3,185.74	Good	Active
99069	Bios	DRYCAL KIT	MRAS Shop D101A	B-678	2/3/1998	24 Years	\$3,638.89	Good	Active
99070	Bios	DRYCAL KIT	MRAS Shop D101A	B-8680	2/3/1998	24 Years	\$3,638.88	Good	Active
103620	Thermo	MODEL 2025 SEQUENTIAL AIR SAMPLER	MRAS Shop D101A	2025A208979810	1/5/1999	23 Years	\$13,489.80	Good	Active
105200	Chinook	STREAMLINE/MANOMETER	MRAS Shop D101A	57-004506-00001	12/14/1999	22 Years	\$1,095.00	Good	Active
106605	Bios	FLOW METER KIT DRYCAL	MRAS Shop D101A	1241	7/31/2002	19 Years	\$3,147.25	Good	Active
106606	Bios	FLOW METER KIT	MRAS Shop D101A	1242	7/31/2002	19 Years	\$3,147.25	Good	Active
106801	Bios	FLOW METER KIT DRYCAL STANDARD	MRAS Shop D101A	B936	1/10/2000	22 Years	\$3,261.00	Good	Active
107471	Chinook	FLOW TRANSFER STANDARD FTS	MRAS Shop D101A	991101	11/3/2000	21 Years	\$1,120.00	Good	Active
108995	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000066	12/12/2002	19 Years	\$2,020.00	Good	Active
108997	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000667	12/12/2002	19 Years	\$2,020.00	Good	Active
109126	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	000068	12/12/2002	19 Years	\$2,020.00	Good	Active
109177	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A		12/12/2002	19 Years	\$2,020.00	Good	Active
115152	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A		1/6/2003	19 Years	\$2,334.00	Good	Active
115155	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A	202103451	1/6/2003	19 Years	\$2,334.00	Good	Active
115157	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A		1/6/2003	19 Years	\$2,334.00	Good	Active
117940	Nova-Lynx	HANDHELD BAROMETER	MRAS Shop D101A	976370-T2	6/19/2003	18 Years	\$1,404.94	Good	Active
120171	Chinook	DUAL FLOW STREAMLINE /MANOMETER	MRAS Shop D101A	HL1	4/19/2004	17 Years	\$1,878.00	Good	Active
120172	Chinook	DUAL FLOW STREAMLINE / MANOMETER	MRAS Shop D101A	HL2	4/19/2004	17 Years	\$1,878.00	Good	Active
121818	Thermo	AIR MONITOR	MRAS Shop D101A	140AB253240409	11/12/2004	17 Years	\$17,460.00	Good	Active
121882	Chinook	DUAL FLOW STEAMLINE/MANMOMETER	MRAS Shop D101A	HL3	10/8/2004	17 Years	\$1,879.00	Good	Active
121883	Chinook	DUAL FLOW STEAMLINE/MANMOMETER	MRAS Shop D101A	HL4	10/8/2004	17 Years	\$1,879.00	Good	Active
122188	Nova-Lynx	NOVALYNX MANOMETER	MRAS Shop D101A	995472U1	8/23/2004	17 Years	\$1,404.69	Good	Active
124178	Wells Cargo	WELLS CARGO TOTE WAGONEP-6095	MRAS Shop D101A	1WC200E2353053636	5/16/2005	16 Years	\$9,534.25	Good	Active
124762	Fluke	FLUKE KIT-715/87-SE CALIBRATOR 715	MRAS Shop D101A	8881043	6/9/2005	16 Years	\$1,081.00	Good	Active
125012	Thermo	PARTISOL-PLUS# 2025 PM 2.5 SAMPLER	MRAS Shop D101A	2025B217930506	7/1/2005	16 Years	\$11,890.00	Good	Active
127530	Fluke	FLUKE KIT	MRAS Shop D101A	9015198	4/20/2006	15 Years	\$1,362.05	Good	Active
132884	Thermo	421 CHEMIL NO-NO2-NOX ANALYZER	MRAS Shop D101A	CM07230014	6/28/2007	14 Years	\$11,305.00	Good	Active
133513	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M070802	8/28/2007	14 Years	\$3,548.00	Good	Active

137052	Thermo	PHOTOMETRIC OZONE CALIBRATOR	MRAS Shop D101A	0820430996	7/14/2008	13 Years	\$10,165.00	Good	Active
138593	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M081202	4/15/2009	13 Years	\$3,917.00	Good	Active
138594	Chinook	STREAMLINE PRO α-MULTICAL SYSTEM	MRAS Shop D101A	M081204	4/15/2009	13 Years	\$3,917.00	Good	Active
138595	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M080510	4/15/2009	13 Years	\$3,917.00	Good	Active
139697	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	MRAS Shop D101A	2025B22530905	6/10/2009	12 Years	\$12,464.95	Good	Active
139700	Thermo	TEOM MONITOR MODEL 1405	MRAS Shop D101A	1405A204780905	6/10/2009	12 Years	\$17,857.43	Good	Active
140296	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225830910	1/11/2010	12 Years	\$12,575.80	Good	Active
140299	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225930910	1/11/2010	12 Years	\$12,575.81	Good	Active
140305	Thermo	ANALYZER	MRAS Shop D101A	CM09500017	1/8/2010	12 Years	\$7,936.33	Good	Active
140307	Thermo	CALIBRATOR	MRAS Shop D101A	035239568	1/8/2010	12 Years	\$9,808.00	Good	Active
140619	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	897-S	6/1/2010	11 Years	\$15,103.00	Good	Active
140621	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	899	6/1/2010	11 Years	\$15,103.00	Good	Active
141344	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H8Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141347	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	I5955P1	12/6/2010	11 Years	\$621.90	Good	Active
141354	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	9YQ74P1	12/6/2010	11 Years	\$621.90	Good	Active
141355	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CQ955P1	12/6/2010	11 Years	\$621.90	Good	Active
141356	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	IQ955P1	12/6/2010	11 Years	\$621.90	Good	Active
141360	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	G6X74P1	12/6/2010	11 Years	\$621.90	Good	Active
141364	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	29Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141366	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	FQ955P1	12/6/2010	11 Years	\$621.90	Good	Active
141370	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H7Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141371	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D5X74P1	12/6/2010	11 Years	\$621.90	Good	Active
141375	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	JXQ74P1	12/6/2010	11 Years	\$621.90	Good	Active
141376	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D9Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141379	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CP955P1	12/6/2010	11 Years	\$621.90	Good	Active
141380	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	7XQ74P1	12/6/2010	11 Years	\$621.90	Good	Active
141381	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	I2Q74P1	12/6/2010	11 Years	\$621.90	Good	Active
141382	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	GR955P1	12/6/2010	11 Years	\$621.90	Good	Active
141383	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	F9Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141385	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	88Y74P1	12/6/2010	11 Years	\$621.90	Good	Active
141386	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	16X74P1	12/6/2010	11 Years	\$621.90	Good	Active
142164	Teledyne	UV ANALYZER	MRAS Shop D101A	87	2/8/2011	11 Years	\$7,819.25	Good	Active
142165	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3412	2/7/2011	11 Years	\$4,057.13	Good	Active
142167	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3414	2/7/2011	11 Years	\$4,057.13	Good	Active
142169	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3416	2/7/2011	11 Years	\$4,057.13	Good	Active
142170	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3418	2/7/2011	11 Years	\$4,057.13	Good	Active
142173	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3421	2/7/2011	11 Years	\$4,057.13	Good	Active
142174	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3422	2/7/2011	11 Years	\$4,057.13	Good	Active
142176	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3424	2/7/2011	11 Years	\$4,057.13	Good	Active
142186	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350009	2/7/2011	11 Years	\$2,648.00	Good	Active
142188	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350011	2/7/2011	11 Years	\$2,648.00	Good	Active
142190	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350013	2/7/2011	11 Years	\$2,648.00	Good	Active
142192	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350015	2/7/2011	11 Years	\$2,649.00	Good	Active
143503	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420021	9/23/2011	10 Years	\$2,618.24	Good	Active
143510	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420014	9/23/2011	10 Years	\$2,618.24	Good	Active
143520	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420020	9/23/2011	10 Years	\$2,618.24	Good	Active
145221	Thermo	OZONE ANALYZER	MRAS Shop D101A	1227254944	10/19/2012	9 Years	\$8,441.78	Good	Active
145224	Thermo	OZONE ANALYZER	MRAS Shop D101A		10/19/2012	9 Years	\$8,441.78	Good	Active
145229	Thermo	OZONE CALIBRATOR	MRAS Shop D101A	1227254879	10/19/2012	9 Years	\$11,487.49	Good	Active
145513	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	MRAS Shop D101A	1308857351	4/11/2013	9 Years	\$11,497.28	Good	Active
146570	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	8 Years	\$11,771.49	Good	Active
146571	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	8 Years	\$11,771.49	Good	Active
146573	Thermo	PULSE S02 ANALYZER	MRAS Shop D101A	JC1306300719	7/12/2013	8 Years	\$11,486.40	Good	Active
147050	Thermo	UV 03 ANALYZER 491AINAA	MRAS Shop D101A	1331659539	12/11/2013	8 Years	\$7,917.81	Good	Active
147056	Thermo	UV 03 ANALYZER 491AINAA	MRAS Shop D101A	1331659579	12/11/2013	8 Years	\$7,917.81	Good	Active
147057	Thermo	UV 03 ANALYZER 491AINAA	MRAS Shop D101A	1331659577	12/11/2013	8 Years	\$7,917.81	Good	Active
147062	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659645	12/11/2013	8 Years	\$10,766.07	Good	Active
147068	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659611	12/11/2013	8 Years	\$10,766.07	Good	Active
147077	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659613	12/11/2013	8 Years	\$10,766.07	Good	Active
147080	Teledyne	T700 DYNAMIC DILUTIONCALIBRATOR	MRAS Shop D101A	1038	12/28/2013	8 Years	\$15,313.43	Good	Active
147082	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	1040	12/28/2013	8 Years	\$15,313.43	Good	Active
147891	Nova-Lynx	M202 HANDHELD DIGITAL BAROMETER	MRAS Shop D101A	1238000148	4/18/2014	7 Years	\$1,452.85	Good	Active
148419	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	7 Years	\$1,448.25	Good	Active
148420	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	7 Years	\$1,448.25	Good	Active
148421	Nova-Lynx	BAROMETER	MRAS Shop D101A	1429000090	8/14/2014	7 Years	\$1,448.25	Good	Active
149468	Teledyne	CALIBRATOR	MRAS Shop D101A	242	6/12/2015	6 Years	\$21,610.90	Good	Active
149487	ESC 8872	DATA LOGGERS	MRAS Shop D101A	0460	6/16/2015	6 Years	\$6,647.50	Good	Active
149558	Teledyne	CALIBRATOR T750U 56	MRAS Shop D101A	56	7/10/2015	6 Years	\$21,387.90	Good	Active
149559	Teledyne	CALIBRATOR	MRAS Shop D101A	57	7/10/2015	6 Years	\$21,387.90	Good	Active
149560	Teledyne	CALIBRATOR T750U 58	MRAS Shop D101A	58	7/10/2015	6 Years	\$21,387.90	Good	Active
149827	Thermo	431 S02 ANALYZER	MRAS Shop D101A	JC1526101643	11/12/2015	6 Years	\$11,983.43	Good	Active
149904	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	182	11/18/2015	6 Years	\$48,913.44	Good	Active
149905	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	183	11/18/2015	6 Years	\$48,913.43	Good	Active
149906	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	184	11/18/2015	6 Years	\$48,913.43	Good	Active
149979	Thermo	TEOM 1405 MONITOR	MRAS Shop D101A	1405A239561511	12/1/2015	6 Years	\$16,881.22	Good	Active
150107	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	2328	1/26/2016	6 Years	\$14,914.00	Good	Active
151131	BGI	TETRACAL CALIBRATORS	MRAS Shop D101A	151505	10/12/2016	5 Years	\$2,300.00	Good	Active
151132	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151494	10/18/2016	5 Years	\$2,300.00	Good	Active
151133	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151503	10/18/2016	5 Years	\$2,300.00	Good	Active
151134	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151509	10/18/2016	5 Years	\$2,300.00	Good	Active
151135	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151498	10/18/2016	5 Years	\$2,300.00	Good	Active
151136	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151500	10/18/2016	5 Years	\$2,300.00	Good	Active
151137	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151504	10/18/2016	5 Years	\$2,300.00	Good	Active
151138	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151493	10/18/2016	5 Years	\$2,300.00	Good	Active
152399	Teledyne	MASS MONITOR 1640 PM	MRAS Shop D101A	186	6/13/2017	4 Years	\$23,799.20	Good	Active
152514	Thermo	1405 AVF TEOM	MRAS Shop D101A	1405A239561706	7/14/2017	4 Years	\$20,264.42	Good	Active
152605	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	718	7/25/2017	4 Years	\$6,840.00	Good	Active
152606	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	719	7/25/2017	4 Years	\$6,840.00	Good	Active
153345	Teledyne	MASS MONITOR 1640 PM	MRAS Shop D101A	281	11/28/2017	4 Years	\$23,307.40	Good	Active
153346	Teledyne	MASS MONITOR 1640 PM	MRAS Shop D101A	282	11/28/2017	4 Years	\$23,307.40	Good	Active
153347	Teledyne	MASS MONITOR 1640 PM	MRAS Shop D101A	283	11/28/2017	4 Years	\$23,307.40	Good	Active
156628	EKTO	Teom Outdoor Shelter	MRAS Shop D101A	3695-7	5/25/2006	15 Years	\$5,875.00	Good	Active
105740	EnviroNics	MULTI-GAS CALIBRATOR	Standards Lab Room B105	2910	10/23/2002	19 Years	\$11,365.84	Good	Active
106632	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	548717	3/22/2001	21 Years	\$1,192.15	Good	Active
106633	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	535908	3/22/2001	21 Years	\$1,192.15	Good	Active
106634	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	535888	3/22/2001	21 Years	\$1,192.15	Good	Active
106635	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-1	3/21/2001	21 Years	\$1,127.50	Good	Active
106636	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-2	3/21/2001	21 Years	\$1,127.50	Good	Active
106637	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-3	3/21/2001	21 Years	\$1,127.50	Good	Active
106638	Chinook	AUDIT FLOW KIT	Standards Lab Room B105	LF-4	3/21/2001	21 Years	\$1,127.50	Good	Active
113644	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	622864	6/17/2002	19 Years	\$1,190.00	Good	Active
113645	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	658809	6/17/2002	19 Years	\$1,190.00	Good	Active
113646	NA	GAS PRESSURE REGULATOR	Standards Lab Room B105	658827	6/17/2002	19 Years	\$1,190.00	Good	Active

116105	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B105	1615600001	4/25/2003	18 Years	\$1,317.73	Good	Active
116106	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B105	1615700001	4/25/2003	18 Years	\$1,317.72	Good	Active
117238	Teledyne	MASS FLOW CONTROLLER ENVIRONICS	Standards Lab Room B105	1652700001	5/23/2003	18 Years	\$1,320.00	Good	Active
117239	Teledyne	MASS FLOW CONTROLLER	Standards Lab Room B105	1652800001	5/23/2003	18 Years	\$1,320.00	Good	Active
117393	N/A	CALIBRATION BATH	Standards Lab Room B105	803050076	6/5/2003	18 Years	\$9,972.90	Good	Active
117909	N/A	CALIBRATION EQUIPMENT	Standards Lab Room B105		7/31/2003	18 Years	\$3,047.00	Good	Active
118079	Bios	BETA ML 800 CALIBRATOR	Standards Lab Room B105	101410	12/10/2003	18 Years	\$33,140.00	Good	Active
121305	Enviroincs	GAS CALIBRATOR	Standards Lab Room B105	3285	9/1/2004	17 Years	\$12,838.50	Good	Active
125634	Fluke	FLUKE 5520A VOLTAGE CALIBRATOR	Standards Lab Room B105	S970008	9/7/2005	16 Years	\$24,633.00	Good	Active
126972	Alborg	THERMAL MFM	Standards Lab Room B105	15493811	2/27/2006	16 Years	\$1,192.25	Good	Active
126973	Alborg	THERMAL MFM	Standards Lab Room B105	154938-2	2/27/2006	16 Years	\$1,192.25	Good	Active
127392	Fluke	FLUKE 8508A/01-8.5 DIGIT REF. MULTI	Standards Lab Room B105	908852245	3/27/2006	16 Years	\$16,665.00	Good	Active
137874	Enviroincs	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B105	4388	11/21/2008	13 Years	\$6,669.00	Good	Active
152008	Teledyne	PORTAB. DYNAMIC DILUTION CALIBRATOR	Standards Lab Room B105	99	4/20/2017	4 Years	\$22,116.50	Good	Active
ER017411	Teledyne	LINEAR MASS FLOWMETER/TRANSDCR	Standards Lab Room B105	0-13344	5/31/1983	38 Years	\$1,281.35	Good	Active
ER022570	N/A	HETOCAL TEMPERATURE CALIBRAT. BATH	Standards Lab Room B105	MODEL KB22-2	11/15/1985	36 Years	\$5,860.00	Good	Active
ER029230	Teledyne	HASTINGS POWER SUPPLY MDL. 400	Standards Lab Room B105	168	3/8/1991	31 Years	\$3,187.66	Good	Active
ER032844	N/A	MASS FLOW METER	Standards Lab Room B105	13142/18003	1/25/1993	29 Years	\$1,723.45	Good	Active
109912	N/A	GAS ROTARY DRESSER ROOTS ACC TEST	Standards Lab Room B416	120524	4/3/2001	21 Years	\$2,225.00	Good	Active

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Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
162087	Teledyne-API 701H	Zero Air System	AMD Lab	114	5/11/2015		\$ 7,110.00	Good	Active
176265	Agilaire 8872	DATA LOGGER	AMD Lab	945	9/25/2019		\$ 9,735.00	Good	Stand-by
176266	Agilaire 8872	DATA LOGGER	AMD Lab	946	9/25/2019		\$ 9,735.00	Good	Stand-by
176252	Teledyne T300U	CO Analyzer	AMD Lab	70310000473	9/17/2019		\$ 14,661.80	Good	Stand-by
175878	Teledyne-API T640	Continuous PM2.5	AMD Lab	658	8/21/2019		\$ 24,053.00	Good	Stand-by
175104	Thermo 43iQ-TLE	SO2 Analyzer Trace	AMD Lab	1191032525	5/31/2019		\$ 20,030.02	Good	Stand-by
0173579	Thermo 49IQ-PS	Ozone Calibrator	AMD Lab	1201717982	9/17/2018		\$ 16,684.75	Good	Stand-by
174874	Teledyne-API 701	Zero Air System	AMD Lab	1612	2/29/2016		\$ 4,385.00	Good	Stand-by
162688	Agilaire 8872	DATA LOGGER	AMD Lab	478	9/3/2015		\$ 9,000.00	Good	Stand-by
162633	Thermo 49i	Ozone Analyzer	AMD Lab	1151660004	7/1/2015		\$ 9,139.00	Good	Stand-by
1577305	Teledyne-API 701H	Zero Air System	AMD Lab	678	5/29/2015		\$ 7,283.30	Good	Stand-by
158964	Thermo 5014i	Continuous PM2.5 Beta	AMD Lab	CM13181009	8/19/2014		\$ 19,183.60	Good	Stand-by
157306	Teledyne-API T700U	Multi-gas Dilution Calibrator	AMD Lab	525	5/22/2013		\$ 23,503.30	Good	Stand-by
	Thermo 2025i	PARTISOL SAMPLER	AMD Lab	2025I20611201	3/12/2012			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
	URG 3000N	Carbon Sampling System	AMD Lab	3N-B0502				Good	Stand-by
139230	Thermo 49i	Ozone Analyzer	AMD Lab	0619417392	6/29/2006		\$ 7,077.00	Good	Stand-by
135869	Thermo 43CTLE	SO2 Analyzer Trace	AMD Lab	0509111179	6/30/2005		\$ 11,980.00	Good	Stand-by
130566	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	0401304577	1/29/2004		\$ 8,805.00	Good	Stand-by
169937	Thermo 49iPS	Ozone Calibrator	AMD Lab	1171160007	6/15/2017		\$ 15,400.00	Good	Stand-by
157303	M651	Ultrafine Particle Counter	AMD Lab	M651130402	5/22/2013		\$ 24,399.50	Good	Stand-by
157307	Teledyne T300U	Carbon Monoxide Trace level	AMD Lab	124	5/22/2013		\$ 12,578.10	Good	Stand-by
177914	Thermo 1405	TEOM PM MONITOR	AMD Lab	1405A246292003	4/9/2020		\$ 22,076.70	Good	Stand-by
157304	Teledyne 633	Aethalometer	AMD Lab	AE33-S01-0093	5/22/2013		\$ 20,292.80	Good	Stand-by
180380	Thermo 49iQ	Ozone Analyzer	AMD Lab	1201717980	9/19/2020		\$ 14,872.82	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
157344	Teledyne T701	Zero Air System	AMD Lab	4536	6/12/2013		\$ 3,645.00	Good	Stand-by
159671	Thermo 42i-Y	NO-DIF-NOY ANALYZER	AMD Lab	1417162075	9/21/2014		\$ 25,756.36	Good	Stand-by
180381	Thermo 5014i	Continuous PM2.5 Beta	AMD Lab	CM20288001	9/19/2020		\$ 25,404.00	Good	Stand-by
	Met One SASS	Speciation Aerosol Sampling System	AMD Lab	A4559				Good	Stand-by
159673	Thermo 49iPS	Ozone Calibrator	AMD Lab	1417062040	9/21/2014		\$ 13,473.06	Good	Stand-by
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
173298	Teledyne-API T701	Zero Air System	Apollo Bch	1250	7/31/2018		\$ 4,365.00	Good	Active
162036	Thermo 146i	DYNAMIC GAS CALIBRATOR	Apollo Bch	1150560040	3/11/2015		\$ 11,000.00	Good	Active
105560	Agilaire 8832	DATA LOGGER	Apollo Bch	A4032K	10/15/1997		\$ 2,250.00	Good	Active
	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
131962	ESC 8816	DATA LOGGER	CSX Railyard	5025	11/13/2003		\$ 6,255.00	Good	Active
159672	Thermo 49i	Ozone Analyzer	Davis Island	1417062039	6/19/2014			Good	Active
159674	Thermo 43i	Sulfur Dioxide Analyzer	Davis Island	JC1411401168	5/20/2014		\$ 11,905.40	Good	Active
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
139231	Thermo 49i PS	Ozone Calibrator	Davis Island	0717722871	7/20/2007		\$ 9,583.68	Good	Active
162037	Thermo 146i	DYNAMIC GAS CALIBRATOR	Davis Island	1150560039	3/12/2015		\$ 13,000.00	Good	Active
105558	Agilaire 8832	DATA LOGGER	Davis Island	A3193K	10/15/1997		\$ 2,250.00	Good	Active
162635	Thermo 43i	Sulfur Dioxide Analyzer	East Bay	1151630005	6/30/2015		\$ 11,905.40	Good	Active
174874	Teledyne-API	Zero Air System	East Bay	481	1/1/2016	4	\$ 4,385.00	Good	Active
105566	Agilaire 8832	DATA LOGGER	East Bay	A4031K	10/15/1997		\$ 2,250.00	Good	Active
169936	Thermo 146i	DYNAMIC GAS CALIBRATOR	East Bay	1171160009	6/15/2017		\$ 13,580.59	Good	Active
172238	Thermo 1405	TEOM PM MONITOR	Gandy	1405A240991803	4/9/2018		\$ 20,565.75	Good	Active
0173578	Thermo 49iQ	Ozone Analyzer	Gandy	1181870059	8/18/2018		\$ 12,838.68	Good	Active
0173579	Thermo 49IQ-PS	Ozone Calibrator	Gandy	1181870060	9/17/2018		\$ 16,684.75	Good	Active
105564	Agilaire 8832	DATA LOGGER	Gandy	A3123K	10/15/1997		\$ 2,250.00	Good	Active
	DIY	Zero Air System	Gandy	NA				Good	Active
161072	Thermo 1405	TEOM PM MONITOR	Gardiner Park	1405A229161408	10/20/2014		\$ 17,290.00	Good	Active
118149	Agilaire 8832	DATA LOGGER	Gardiner Park	A4030K	9/6/2001		\$ 6,080.00	Good	Active
	Tisch TE-1000	High Volume Sampler	Kenly	VFC P7539	6/3/2010			Good	Active
180376	Magee Scientific AE-33	Aethalometer	Munro Street	AE33-S08-01061	9/19/2020		\$ 26,032.50	Good	Active
180878	Thermo 48iQ-TLE	Carbon Monoxide Analyzer	Munro Street	1201717981	9/19/2020		\$ 20,646.39	Good	Active
180673	Teledyne-API T200UP	Nitrogen Dioxide Analyzer Trace Level	Munro Street	160	9/28/2020		\$ 22,474.20	Good	Active
175878	Teledyne-API T640	Continuous PM2.5	Munro Street	744	8/21/2019		\$ 24,053.00	Good	Active
	EPC3783	Ultrafine Particle Counter	Munro Street	3783205001	1/28/2021		\$ 30,145.00	Good	Active
155474	Teledyne-API T700U	DYNAMIC GAS CALIBRATOR	Munro Street	295268	5/9/2012		\$ 12,775.61	Good	Active
157299	Agilaire 8832	DATA LOGGER	Munro Street	A4646K	5/31/2013		\$ 9,690.00	Good	Active
	Tisch TE-1000	High Volume Sampler	Patent	VFC P7807	6/3/2010			Good	Active
142735	Thermo 49i	Ozone Analyzer	Simmons Park	0717722870	7/20/2007		\$ 7,092.77	Good	Active
	DIY	Zero Air System	Simmons Park	NA	2/21/2020			Good	Active
139231	Thermo 49i PS	Ozone Calibrator	Simmons Park	0619417393	6/29/2006		\$ 9,567.50	Good	Active
131960	Agilaire 8832	DATA LOGGER	Simmons Park	A3124K	11/13/2003		\$ 5,000.00	Good	Active
162086	Teledyne-API 701H	Zero Air System	Sydney	115	5/11/2015		\$ 7,110.00	Good	Active
	DIY	Zero Air System	Sydney	NA				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
158964	Thermo 5014i	Continuous PM2.5 Beta	Sydney	13381008	2/24/2014		\$ 19,183.60	Good	Active
177915	Thermo 42i-Y	NO-DIF-NOY ANALYZER	Sydney	1200416205	4/10/2020		\$ 32,170.60	Good	Active
169938	Thermo 49i	Ozone Analyzer	Sydney	1171160008	5/11/2017		\$ 11,640.00	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 43i-TLE	SO2 Analyzer Trace	Sydney	0910735777	4/21/2009		\$ 11,448.30	Good	Active

	Met One SASS	Speciation Aerosol Sampling System	Sydney	U21047	1/13/2005			Good	Active
164406	Thermo 48i TLE	Carbon Monoxide Trace level	Sydney	1160990209	7/25/2016		\$ 17,149.70	Good	Active
162634	Thermo 49i PS	Ozone Calibrator	Sydney	1151660005	7/1/2015		12,587.00	Good	Active
157306	Teledyne-API T700U	Multi-gas Dilution Calibrator	Sydney	612/301	5/22/2013		\$ 16,178.80	Good	Active
157300	Agilaire 8832	DATA LOGGER	Sydney	A4645K	5/31/2013		\$ 9,690.00	Good	Active

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Property/Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
N/A	Thermo 49i PS	PS	39th	1116648522	2011	11	\$10,417.00	Good	Active
N/A	2b Technologies 202	O3 monitor	39th	1092	2011	11	\$5,000.00	Good	Active
N/A	ESC 8872 (Win 10)	Data logger	39th	8872_854	2018	4	\$7,640.00	Good	backup
N/A	RM Young 85000	Anemometer	39th	N/A	2013	9	\$1,390.00	Good	Active
N/A	Air Monitoring Trailer	Shelter	39th	N/A	1998	24	\$18,335.00	Fair	Active
N/A	Gast IHAB-11T-M100x	Zero Air	39th	N/A	2018	4	\$1,082.05	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	39th	N/A	Unknown	unknown	\$1,082.05	Fair	Backup
N/A	Omega 303AV	Shelter Tem	39th	60640	2018	4	\$330.00	Good	Active
N/A	LabComp ATX	Shelter temp	39th	189	Unknown	unknown	\$255.00	Fair	Backup
N/A	Glen Martin MF1331	Met Tower	39th	N/A	1998	24	\$5,260.00	Fair	Active
N/A	AirLink MG90	Communications	39th	295705401	2020	2	\$1,169.00	Good	Active
N/A	AirLink GX400	Communications	39th	N/A	2012	10	\$750.00	Good	N/A
N/A	Various	Dehumidifier	39th	N/A	Unknown	unknown	\$230.00	Fair	Active
N/A	RM Young	Rain gauge	39th	N/A	2019	3	\$600.00	Fair	Active
N/A	Thermo 49i PS	PS	Gt Bray	1023843898	2013	9	\$10,417.00	Good	Active
N/A	2b Technologies 211	O3 monitor	Gt Bray	34	2020	2	\$14,000.00	Good	Active
N/A	ESC 8872 (Win 10)	Data logger	Gt Bray	8872_385	2014	8	\$7,640.00	Good	Active
N/A	RM Young 85000	Anemometer	Gt Bray	N/A	2011	11	\$1,390.00	Good	Active
N/A	Air Monitoring shelter	Shelter	Gt Bray	N/A	2016	6	\$24,651.00	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	Gt Bray	N/A	2018	4	\$1,082.05	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	Gt Bray	N/A	Unknown	unknown	\$1,082.05	Fair	Backup
N/A	Omega 303AV	Shelter Tem	Gt Bray	60937	2018	4	\$330.00	Good	Active
N/A	LabComp ATX	Shelter temp	Gt Bray	182	Unknown	unknown	\$255.00	Fair	Backup
N/A	Glen Martin MF1331	Met Tower	Gt Bray	N/A	1998	24	\$5,260.00	Fair	Active
N/A	AirLink MG90	Communications	Gt Bray	295717601	2020	2	\$1,669.00	Good	Active
N/A	AirLink GX400	Communications	Gt Bray	N/A	2012	10	\$750.00	Good	N/A
N/A	Various	Dehumidifier	Gt Bray	N/A	Unknown	unknown	\$230.00	Fair	Active
N/A	RM Young	Rain gauge	Gt Bray	N/A	2019	3	\$600.00	Fair	Active
N/A	2b Technologies 202	O3 monitor	Office	903	2010	12	\$5,000.00	Good	Backup
N/A	2b Technologies 202	O3 monitor	Office	1221	2012	10	\$5,000.00	Good	Active
N/A	2b Technologies 202	O3 monitor	Office	1094	2011	11	\$5,000.00	Good	Backup
N/A	2b Technologies 211	O3 monitor	Office	N/A	2021	1	\$13,500.00	Good	N/A
N/A	2b Technologies 211	O3 monitor	Office	N/A	2021	1	\$13,500.00	Good	N/A
N/A	ESC 8872 (Win 7)	Data logger	Office	8872_796	2017	5	\$8,285.00	Good	active
N/A	ESC Datalogger 8832	Data logger	Office	A4002K	2012	10	\$7,640.00	Good	Backup
N/A	ESC Datalogger 8832	Data logger	Office	A1583K	2006	16	\$7,640.00	Good	Backup
N/A	ESC Datalogger 8832	Data logger	Office	A3763k	2011	11	\$7,640.00	Good	Backup
N/A	Fluke 51 II	Thermometer	Office	14390153	2010	12	\$270.00	Good	Active
N/A	Bios 220 Definer	flow sensor	Office	135621	2014	8	\$2,125.00	Good	Active
N/A	Fluke 715	voltage generator	Office	2799124	2014	8	\$1,200.00	Good	Active
N/A	Fluke 175	volt meter	Office	41440651	2018	4	\$300.00	Good	Active
N/A	Fluke 175	volt meter	Office	15880829	2011	11	\$300.00	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	Office	N/A	Unknown	unknown	\$1,082.05	Fair	Backup
N/A	Extech AN400	Anemometer	Office	N/A	Unknown	unknown	\$189.00	Fair	Active
N/A	Omega HX93bv1-D	Temp Sensor	Office	N/A	2015	7	\$255.00	Good	Backup
N/A	Omega HX93bv1-D	Temp Sensor	Office	N/A	2013	9	\$255.00	Good	Backup
N/A	Oakton 03316-72	barometer	Office	880891	2019	3	\$230.00	Broken	N/A

N/A	Fluke 1623-2	Ground tester	Office	St144506177B2	2012	10	\$2,700.00	Good	Active
N/A	Thermo 49i PS	PS	Port	1311657726	2011	11	\$10,417.00	Good	Active
N/A	ESC 8872 (Win 10)	Data logger	Port	8872_1013	2020	2	\$7,640.00	Good	Active
N/A	RM Young 85000	Anemometer	Port	N/A	2011	11	\$1,390.00	Good	Active
N/A	Air Monitoring shelter	Shelter	Port	N/A	2012	10	\$16,275.00	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	Port	N/A	2018	4	\$1,082.05	Good	Active
N/A	Gast IHAB-11T-M100x	Zero Air	Port	N/A	Unknown	unknown	\$1,082.05	Fair	Backup
N/A	Omega 303AV	Shelter Tem	Port	60637	2018	4	\$330.00	Good	Active
N/A	LabComp ATX	Shelter temp	Port	183	Unknown	unknown	\$255.00	Fair	Backup
N/A	Glen Martin MF1331	Met Tower	Port	N/A	2016	6	\$5,260.00	Good	Active
N/A	AirLink MG90	Communications	Port	202733901	2020	2	\$1,669.00	Good	Active
N/A	AirLink GX400	Communications	Port	N/A	2012	10	\$750.00	Good	N/A
N/A	Various	Dehumidifier	Port	N/A	Unknown	unknown	\$230.00	Fair	Active
N/A	RM Young	Rain gauge	Port	N/A	2019	3	\$600.00	Fair	Active

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Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
655488	Thermo 1400A	PM Analyzer	Homestead Fire Station	140AB246910307	7/18/2003	19	\$20,544.00	Good	Active
ID Requested	Thermo 1405	PM Analyzer	Kendall	1405A242751901	2/15/2019	0	\$20,680.00	Good	Active
808752	Teledyne 300E	CO Analyzer	Lab Annex	2231	9/29/2008	14	\$6,600.00	Good	Active
857331	ESC 8872	Data Logger	Lab Annex	0692	2017	5	\$9,125.00	Good	Active
819570	Teledyne M701	Zero Air Generator	Lab Annex	3299	2012	10	N/A	Good	Active
ID Requested	Teledyne T200	NO2 Analyzer	Lab Annex	3785	2017	5	\$11,500.00	Good	Inactive
ID Requested	Teledyne API T701	Zero Air System	Lab Annex	1756	2019	1	\$5,027.50	New	Active
ID Requested	Thermo 2025i	PM2.5 Sampler	Miami Fire Station	2025i W20908 1509	9/17/2015	7	\$18,200.00	Good	Active
841290	Teledyne API T640X	PM2.5 & PM10 Analyzer	Miami Fire Station	287	2017	5	\$35,395.00	Good	Active
655487	Thermo 1400A	PM Analyzer	Office	140AB246900307	7/18/2003	19	\$20,544.00	Good	Active
650571	Enviroconics 6100	Calibrator	Office	2988	9/9/2002	20	\$9,800.00	Good	Active
856743	Teledyne T200	NO2 Analyzer	Office	3574	2017	5	\$11,500.00	Good	Active
841289	Teledyne T200UP	NO2 TL Monitor	Office	117	2018	4	\$24,700.00	Good	Active
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	213	2017	5	\$35,395.00	Good	Active
609076	737	Zero Air Generator	Office	2645	1/21/1999	23	N/A	Good	Inactive
609076	737	Zero Air Generator	Office	2645	1/21/1999	23	N/A	Good	Inactive
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242551812	12/30/2018	4	\$20,680.00	Good	Inactive
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242751901	12/30/2018	4	\$20,680.00	Good	Inactive
659433	Thermo 2025	PM2.5 Sampler	Office	2025B216240304	7/18/2003	19	N/A	Poor	Inactive
828028	ESC 8832	Data Logger	Office	A4448K	2010	12	\$6,600.00	Good	Inactive
828029	ESC 8832	Data Logger	Office	A4446K	2010	12	\$6,600.00	Good	Inactive
828030	ESC 8832	Data Logger	Office	A4449K	2010	12	\$6,600.00	Good	Inactive
527508	1200	PM10 Head	Office	2117	7/27/1993	29	N/A	Good	Inactive
496260	1200	PM10 Head	Office	2747	5/10/1988	34	N/A	Good	Inactive
496261	1200	PM10 Head	Office	2748	5/10/1988	34	N/A	Good	Inactive
655489	Thermo 1400A	PM Analyzer	Office	140AB246890307	9/4/2009	13	\$20,544.00	Poor	Inactive
661185	Thermo 2025i	PM2.5 Sampler	Office	2025B217240408	9/14/2004	18	N/A	Good	Inactive
659434	Thermo 2025i	PM2.5 Sampler	Office	2025B216110301	7/18/2003	19	N/A	Poor	Inactive
659435	Thermo 2025i	PM2.5 Sampler	Office	2025B216260304	7/18/2003	19	N/A	Poor	Inactive
661184	Thermo 2025i	PM2.5 Sampler	Office	2025B217190408	7/18/2003	19	N/A	Poor	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW210901606	7/8/2016	6	\$18,200.00	Good	Inactive
854398	Thermo 2025i	PM2.5 Sampler	Office	2025iW210421605	9/17/2015	7	\$18,200.00	Good	Inactive
848716	Thermo 2025i	PM2.5 Sampler	Office	2025i206811408	9/4/2014	8	\$18,200.00	Good	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW209101509	9/17/2015	7	\$18,200.00	Poor	Inactive
808753	Teledyne 300E	CO Analyzer	Office	2233	9/29/2008	14	\$6,600.00	Good	Inactive
808754	Teledyne 300E	CO Analyzer	Office	2234	9/29/2008	14	\$6,600.00	Good	Inactive
658304	Thermo 42C	NO2 Analyzer	Office	0331002822	9/25/2003	19	N/A	Good	Inactive
819196	Thermo 42I	NO2 Analyzer	Office	1007741317	2010	12	N/A	Good	Inactive
818999	Thermo 42I	NO2 Analyzer	Office	CM10360071	2009	13	N/A	Good	Inactive
811764	Thermo 42I	NO2 Analyzer	Office	CM08190013	9/29/2008	14	N/A	Good	Inactive
661214	Thermo 43C	SO2 Analyzer	Office	0431709340	9/30/2004	18	N/A	Good	Inactive
658302	Thermo 43C	SO2 Analyzer	Office	0333503279	9/25/2003	19	N/A	Good	Inactive
661212	Thermo 48C	CO Analyzer	Office	0431709338	9/30/2004	18	N/A	Good	Inactive
661213	Thermo 48C	CO Analyzer	Office	0431709339	9/30/2004	18	N/A	Good	Inactive
659392	Thermo 49C	Ozone Analyzer	Office	03265000001331	9/25/2003	19	N/A	Good	Inactive
650568	Thermo 49C	Ozone Analyzer	Office	49C-76048-381	10/1/2002	20	N/A	Good	Inactive
650569	Thermo 49C	Ozone Analyzer	Office	0331002821	10/1/2002	20	N/A	Good	Inactive
651906	Thermo 49C	Ozone Analyzer	Office	02155698-3	10/1/2002	20	N/A	Poor	Inactive
604808	Thermo 49C PS	Ozone Calibrator	Office	2025B216240304	2/11/1998	24	N/A	Good	Inactive
604809	Thermo 49C PS	Ozone Calibrator	Office	49CPS-60713-328	2/11/1998	24	N/A	Good	Inactive
604810	Thermo 49C PS	Ozone Calibrator	Office	49CPS-60715-328	2/11/1998	24	N/A	Good	Inactive
604807	Thermo 49C PS	Ozone Calibrator	Office	49PC60619327	2/11/1998	24	N/A	Poor	Inactive
850212	Thermo 49I-PS	Ozone Calibrator	Office	1430063227	11/13/2014	8	\$11,500.00	Poor	Inactive
853237	Thermo 49I-PS	Ozone Calibrator	Office	1152610015	9/17/2015	7	\$11,500.00	Good	Inactive
853238	Thermo 49I-PS	Ozone Calibrator	Office	1152610016	9/17/2015	7	\$11,500.00	Good	Inactive
847517	Enviroconics 6100	Calibrator	Office	6150	6/12/2014	8	\$9,800.00	Good	Inactive
847519	Enviroconics 6100	Calibrator	Office	6148	6/12/2014	8	\$9,800.00	Good	Inactive
658868	Enviroconics 6100	Calibrator	Office	3177	9/23/2003	19	\$9,800.00	Good	Inactive
658869	Enviroconics 6100	Calibrator	Office	2987	9/9/2002	20	\$9,800.00	Good	Inactive
650570	Enviroconics 6100	Calibrator	Office	48C-62460-335/5	9/9/2002	20	\$9,800.00	Poor	Inactive
533459	737	Zero Air Generator	Office	48C-60245-327	1/21/1999	23	N/A	Good	Inactive
650640	737	Zero Air Generator	Office	2780	1/21/1999	23	N/A	Good	Inactive
650641	737	Zero Air Generator	Office	2779	1/21/1999	23	N/A	Good	Inactive
655486	ESC 8816	Data Logger	Office	4956	7/14/2003	19	N/A	Good	Inactive
854373	ESC 8872	Data Logger	Office	0580	2017	5	\$9,125.00	Good	Inactive
854374	ESC 8872	Data Logger	Office	0581	2017	5	\$9,125.00	Good	Inactive
852699	ESC 8872	Data Logger	Office	0507	9/30/2015	7	\$9,125.00	Good	Inactive
852700	ESC 8872	Data Logger	Office	0508	9/30/2015	7	\$9,125.00	Good	Inactive
852701	ESC 8872	Data Logger	Office	0509	9/30/2015	7	\$9,125.00	Good	Inactive
847982	ESC 8872	Data Logger	Office	0318	10/9/2014	8	\$9,125.00	Good	Inactive
847983	ESC 8872	Data Logger	Office	0319	10/9/2014	8	\$9,125.00	Good	Inactive
857330	ESC 8872	Data Logger	Office	0691	2017	5	\$9,125.00	Good	Inactive
808751	Teledyne M300E	CO Analyzer	Office	9C4442	9/4/2009	13	N/A	Good	Inactive
808752	Teledyne M300E	CO Analyzer	Office	9C4443	9/4/2009	13	N/A	Good	Inactive
819571	Teledyne M701	Zero Air Generator	Office	3300	2012	10	N/A	Good	Inactive
819572	Teledyne M701	Zero Air Generator	Office	3297	2012	10	N/A	Good	Inactive
819573	Teledyne M701	Zero Air Generator	Office	3284	2012	10	N/A	Good	Inactive
847699	Teledyne T200	NO2 Analyzer	Office	1551	9/3/2014	8	\$11,500.00	Poor	Inactive
853351	Teledyne T200UP	NO2 Trace Analyzer	Office	96	7/31/2015	7	\$24,700.00	Good	Inactive
822887	Teledyne T400	Ozone Analyzer	Office	101	2015	7	\$4,250.00	Poor	Inactive
877281	Teledyne API T640	PM2.5 Analyzer	Office	539	9/25/2018	4	\$26,570.00	Good	Inactive
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	213	1/15/2019	0	\$21,500.00	Good	Inactive
841290	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	287	2018	4	\$35,395.00	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 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 Monitor	Office	4754	2019	1	\$11,408.50	New	Inactive
877267	Teledyne API T300	Gas Filter Correlation CO Monitor	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
853352	Teledyne API T701H	Zero Air System	Office	145	2020	1	\$7,650.00	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 49Q	O3 Analyzer	Office	1201717983	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 49Q	O3 Analyzer	Office	1201717985	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 49Q	O3 Analyzer	Office	1201717984	2020	1	\$11,560.00	New	Inactive
ID Requested	TEI 43Q	SO2 Analyzer	Office	1201717986	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	0	\$12,885.20	New	Inactive
	Teledyne API T200	NO2 Analyzer	Office	Not received yet	2021	0	\$12,885.20	New	Inactive
828399	Thermo 431	SO2 Analyzer	Pennsuco	1305956985	2012	10	\$12,120.00	Good	Active
847518	Enviroics 6100	Calibrator	Pennsuco	6149	6/12/2014	8	\$9,800.00	Good	Active
819574	Teledyne M701	Zero Air Generator	Pennsuco	3295	2012	10	N/A	Good	Active
850213	Thermo 431	SO2 Analyzer	Pennsuco	JB1423701318	11/13/2014	8	\$12,120.00	Good	Inactive
ID Requested	Teledyne API T701	Zero Air System	Pennsuco	1757	2019	1	\$5,027.50	New	Active
ID Requested	TEI 43Q	SO2 Analyzer	Pennsuco	1201717987	2020	1	\$15,181.00	New	Inactive
847867	Thermo 491	Ozone Analyzer	Perdue	1429063113	10/2/2014	8	\$8,260.00	Good	Active
847984	Thermo 491	Ozone Analyzer	Perdue	1429063114	10/9/2014	8	\$8,260.00	Good	Active
821943	Thermo 491-PS	Ozone Calibrator	Perdue	1106747387	2012	10	\$11,500.00	Good	Active
854375	ESC 8872	Data Logger	Perdue	0582	2017	5	\$9,125.00	Good	Active
852468	ESC 8872	Data Logger	Perimeter Road	0480	2017	5	\$9,125.00	Good	Active
854236	Teledyne T700U	Calibrator	Perimeter Road	257	7/31/2015	7	\$21,970.00	Good	Active
853352	Teledyne T701H	Zero Air Generator	Perimeter Road	145	7/31/2015	7	\$7,850.00	Good	Active
828400	Thermo 491-PS	Ozone Calibrator	Rosenstiel	1303256525	2012	10	\$11,500.00	Good	Active
850706	Enviroics 6100	Calibrator	Rosenstiel	6255	3/23/2015	7	\$9,800.00	Good	Active
857329	ESC 8872	Data Logger	Rosenstiel	0693	2017	5	\$9,125.00	Good	Active
819575	Teledyne M701	Zero Air Generator	Rosenstiel	3298	2012	10	N/A	Good	Active
847698	Teledyne T200	NO2 Analyzer	Rosenstiel	1550	9/3/2014	8	\$11,500.00	Good	Active
ID Requested	Teledyne API T700	Dilution Calibrator	Rosenstiel	4640	2019	1	\$13,271.50	New	Active
ID Requested	Teledyne API T701	Zero Air System	Rosenstiel	1758	2019	1	\$5,027.50	New	Active

Orange County 2022

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
770249	Thermo Scientific 49iQ	Ozone Analyzer	Air Lab	1181340030	9/24/2018		\$ 12,156.49	Good	Inactive
779993	Thermo Scientific 48iQ	CO Analyzer	Air Lab	1212713489	10/18/2021	0 Years	\$ 14,958.00	Good	Inactive
780492	Thermo Scientific 48iQ	CO Analyzer	Air Lab	1212713488	11/8/2021	0 Years	\$ 14,958.00	Good	Inactive
780732	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Air Lab	12131413861	12/20/2021	0 Years	\$ 15,845.93	Good	Inactive
770250	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Air Lab	1181340031	9/24/2018	3 Years	\$ 21,973.45	Good	Inactive
764207	Thermo Scientific 49i	Ozone Analyzer	Skyview	1170050011	3/24/2017	5 Years	\$ 9,492.27	Good	Active
750204	Thermo Scientific 49i	Ozone Analyzer	Skyview	1326659026	9/30/2013	8 Years	\$ 9,506.00	Good	Backup
764208	Thermo Scientific 49i PS	Ozone Calibrator Primary Standard	Skyview	1170050012	3/24/2017	5 Years	\$ 13,112.15	Good	Active
749642	Thermo Scientific 49i	Ozone Analyzer	Winter Park	1336460150	2/5/2014	8 Years		Under Repair	Inactive
764206	Thermo Scientific 49i	Ozone Analyzer	Winter Park	1170050010	3/24/2017	5 Years	\$ 9,492.27	Good	Active
772120	Thermo Scientific 49iQ	Ozone Analyzer	Winter Park	1190180048	5/24/2019	2 Years	\$ 10,899.45	Good	Inactive
772122	Thermo Scientific 49iQ	Ozone Analyzer	Winter Park	1190180049	5/24/2019	2 Years	\$ 10,899.45	Good	Inactive
749643	Thermo Scientific 49i PS	Ozone Calibrator Primary Standard	Winter Park	1336460151	2/5/2014	8 Years	\$ 11,779.60	Under Repair	Inactive
756626	Thermo Scientific 49i PS	Ozone Calibrator Primary Standard	Winter Park	1151380003	7/7/2015	6 Years	\$ 12,485.20	Good	Active
764204	Thermo Scientific 48i	CO Analyzer	Winter Park	1170050008	3/24/2017	5 Years	\$ 13,226.52	Under Repair	Inactive
764205	Thermo Scientific 48i	CO Analyzer	Winter Park	1170050009	3/24/2017	5 Years	\$ 13,226.52	Good	Active
755736	Thermo Scientific 48i	CO ANALYZER	Winter Park	1500163900	2/24/2015	7 Years	\$ 13,472.82	Good	Backup
755737	Thermo Scientific 48i	CO ANALYZER	Winter Park	1500163901	2/24/2015	7 Years	\$ 13,472.82	Good	Backup
766204	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1172550002	10/17/2017	4 Years	\$ 15,406.41	Under Repair	Inactive
741524	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1106147374	2/24/2011	11 Years	\$ 11,467.00	Under Repair	Inactive
755738	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1500163902	2/24/2015	7 Years	\$ 13,927.68	Under Repair	Inactive
751896	Thermo Scientific 42i	NO-NO2-Nox Analyzer	Winter Park	1336460152	1/28/2014	8 Years	\$ 13,754.88	Under Repair	Inactive
772119	Thermo Scientific 42iQ	NO-NO2-Nox Analyzer	Winter Park	1190180051	5/24/2019	2 Years	\$ 16,045.86	Good	Inactive
766205	Thermo Scientific 43i	SO2 Analyzer	Winter Park	1172550003	10/17/2017	4 Years	\$ 13,346.85	Under Repair	Inactive
750205	Thermo Scientific 43i	SO2 Analyzer	Winter Park	JC1320600867	9/30/2013	8 Years	\$ 11,840.00	Under Repair	Inactive

Zero Air Supply

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
779992	Thermo Scientific 111iQ	Zero Air Supply	Air Lab	CM21237097	10/18/2021	0 Years	\$ 6,990.00	Good	Inactive
772123	Thermo Scientific 111iQ	Zero Air Supply	Winter Park	11821330025	5/24/2019	2 Years	\$ 6,295.03	Good	Active
755740	Thermo Scientific 111i	Zero Air Supply	Winter Park	1500163903	2/24/2015	7 Years	\$ 5,519.00	Good	Inactive

Dynamic Gas Calibrator

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
779994	Thermo Scientific 146i	Dynamic Gas Calibrator	Air Lab	1212713487	10/22/2021	0 Years	\$ 16,159.00	Good	Inactive
755739	Thermo Scientific 146i	Dynamic Gas Calibrator	Winter Park	1500163897	2/24/2015	7 Years	\$ 12,871.00	Good	Backup
747329	Thermo Scientific 146i	Dynamic Gas Calibrator	Winter Park	1227254853	10/16/2012	9 Years	\$ 12,900.89	Good	Active
766092	Thermo Scientific 146iQ	Dynamic Gas Calibrator	Winter Park	1172270023	8/1/2018	3 Years	\$ 16,612.71	Good	Inactive
772121	Thermo Scientific 146iQ	Dynamic Gas Calibrator	Winter Park	1190180050	5/24/2019	2 Years	\$ 16,612.71	Good	Inactive

Data Loggers

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
761067	Agilaire 8872	Datalogger	Agilaire	0548	4/27/2016	5 Years	\$ 8,085.00	Under Repair	Repair in Progress
761065	Agilaire 8872	Datalogger	Agilaire	0550	4/27/2016	5 Years	\$ 8,085.00	Under Repair	Repair in Progress
761066	Agilaire 8872	Datalogger	Agilaire	0551	4/27/2016	5 Years	\$ 8,085.00	Under Repair	Repair in Progress
	Agilaire 8872	Datalogger	Skyview	0487				Good	Active
761068	Agilaire 8872	Datalogger	Winter Park	0549	4/27/2016	5 Years	\$ 8,085.00	Good	Active

Particulate Samplers

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
780132	Thermo Scientific 5014i	Continuous Particulate Monitor	Air Lab	CM21428001	11/30/2021	0 Years	\$ 22,191.00	Good	Inactive
755027	Thermo Scientific 5014i	Continuous Particulate Monitor	Air Lab	CM14291007	10/22/2014	7 Years	\$ 18,223.23	Under Repair	Inactive
762294	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM16131005	9/21/2016	5 Years	\$ 18,893.76	Good	Active
750381	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM13351002	10/4/2013	8 Years	\$ 21,225.00	Under Repair	Inactive
755028	Thermo Scientific 5014i	Continuous Particulate Monitor	Winter Park	CM14291008	10/22/2014	7 Years	\$ 18,223.22	Good	Backup

Auxiliary Equipment

O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
N/A	Control Comp.	Clock	Air Lab	TC-05	N/A		N/A	Good	Inactive
N/A	Control Comp Digital Thermometer	Platinum Sensor Thermometer	Air Lab	130567028	N/A		N/A	Good	Active
N/A	Control Comp Digital Thermometer	Platinum Sensor Thermometer	Air Lab	61602143	N/A		N/A	Good	Active
N/A	Control Comp Digital Thermometer	Digital Thermometer	Air Lab	L616301	N/A		N/A	Not Working	Inactive
N/A	HB Electronics	Thermometer	Air Lab	111626	3/15/2016	6 Years	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	110995	3/15/2016	6 Years	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	112054	3/15/2016	6 Years	N/A	Good	Active
N/A	HB Electronics	Thermometer	Air Lab	112713	3/15/2016	6 Years	N/A	Good	Active
766454	Thermo Scientific 60L	OVEN	Air Lab	42202295	2/6/2018	4 Years	\$ 1,141.49	Good	Active
755698	Chinook Streamline Pro Model S	Flow Meter	Chinook (Calibration)	C150102	2/26/2015	7 Years	\$ 3,137.24	Under Repair	Recert in Progress
730582	Bios Definer 220	Flow Meter	Mesa Labs (Calibration)	111132	7/25/2007	14 Years	\$ 2,010.00	Under Repair	Recert in Progress
755246	Bios Defender 530-H	Flow Meter	Mesa Labs (Calibration)	139494	5/6/2015	6 Years	\$ 1,743.40	Under Repair	Recert in Progress
	FlexCal	Flow Meter	Mesa Labs (Calibration)	175009				Under Repair	Recert in Progress
N/A	H-B	Min/Max Thermometer	Skyview	111354	N/A		N/A	Good	Active
N/A	Control Comp.	Clock	Skyview	TC-02	N/A		N/A	Good	Active
N/A	HB Electronics	Thermometer	SkyView	111354	3/15/2016	6 Years	N/A	Good	Active
757682	Liebert GXT4	Power Backup	Skyview	1510100421AFB3	7/1/2015	6 Years	\$ 1,425.00	Good	Active
756328	Novalynx 230-M202	Barometer	Winter Park	1616000021	7/28/2016	5 Years	\$ 1,620.09	Good	Backup
756329	Novalynx 230-M202	Barometer	Winter Park	1616000018	7/28/2016	5 Years	\$ 1,620.10	Good	Recert in Progress
756330	Novalynx 230-M202	Barometer	Winter Park	1616000019	7/28/2016	5 Years	\$ 1,620.10	Good	Backup
756331	Novalynx 230-M202	Barometer	Winter Park	1616000020	7/28/2016	5 Years	\$ 1,620.10	Good	Recert in Progress
755247	Bios Definer 220-L	Flow Meter	Winter Park	141461	5/6/2015	6 Years	\$ 2,045.60	Good	Backup
756338	Bios Defender 530-H	Flow Meter	Winter Park	137288	1/16/2015	7 Years	\$ 1,750.00	Good	Backup
755697	Chinook Streamline Pro Model S	Flow Meter	Winter Park	C150101	2/26/2015	7 Years	\$ 3,137.24	Good	Active
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	Active
N/A	Control Comp Digital Thermometer	Digital Thermometer	Winter Park	101642099	N/A		N/A	Good	Active
N/A	HB Electronics	Thermometer	Winter Park	110252	3/15/2016	6 Years	N/A	Good	Active
N/A	Vaisala HM40	Hygrometer	Winter Park	K4730049	12/1/2014	7 Years		Good	Active
N/A	Vaisala HM41	Hygrometer	Winter Park	L1720058	12/1/2014	7 Years		Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-2B	10/10/2013	8 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-1A	5/25/2014	7 Years	N/A	Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-1A	10/10/2013	8 Years	N/A	Good	Active
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	03-20-2013-1A	3/20/2013	9 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	10-10-2013-3C	10/10/2013	8 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-2B	5/25/2014	7 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-4D	5/25/2014	7 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-3C	5/25/2014	7 Years	N/A	Good	Backup
N/A	Thermo Scientific PM Inlet	First Stage Inlet	Winter Park	05-25-2014-5E	5/25/2014	7 Years	N/A	Good	Backup
756664	VIZIO 55" Flat Screen TV	MONITOR	Winter Park	LWZ2PPAQ380223 2	6/24/2015	6 Years	\$ 3,675.00	Good	Active
757230	Liebert GXT5	Power Backup	Winter Park	1512900408AFBA3	8/26/2015	6 Years	\$ 1,100.00	Good	Active
762326	Liebert GXT6	Power Backup	Winter Park	1626200335AFBA3	3/28/2017	5 Years	\$ 1,085.00	Good	Active
762327	Liebert GXT7	Power Backup	Winter Park	1626200343AFBA3	3/28/2017	5 Years	\$ 1,085.00	Good	Active
756638	BGI Fractionator	VSCC	Winter Park	070614-166	8/12/2015	6 Years	\$ 1,648.36	Good	Backup
756639	BGI Fractionator	VSCC	Winter Park	270711-31	8/12/2015	6 Years	\$ 1,648.36	Good	Backup
756640	BGI Fractionator	VSCC	Winter Park	180514-25	8/12/2015	6 Years	\$ 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	Winter Park	070614-3	N/A		\$ 1,648.36	Good	Backup
N/A	DWYER	Manometer	Winter Park	NSOZ	1/26/2015	7 Years	N/A	Good	Active
N/A	DWYER	Manometer	Winter Park	N03AA0213007	1/26/2015	7 Years	N/A	Good	Active
N/A	Klein Tools MM700	Multimeter	Winter Park	0621C-D3	12/2/2021	0 Years	\$ 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	HiGlo TC-01	Arris DG1670A-TW	Winter Park	F47BPP7DV501355	N/A		N/A	Good	Inactive
N/A	Fonesa F100	Laser Distance Measurer	Winter Park	N/A	N/A		N/A	Good	Active
Computer Related									
O.C. Property Tag /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age (years)	Initial Cost	Condition	Status
N/A	Cisco ASA 5505	Firewall	Air Lab	JMX1824Z041	N/A		N/A	Good	Inactive
756546	Juniper EX 2201	Ethernet Switch	Air Lab	SCW0214191482	6/30/2015	6 Years	\$ 815.00	Good	Backup
773594	Dell Latitude 5400	Laptop	Operator	GMEP10ZL057	1/10/2020	2 Years	\$ 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		\$ 1,515.00	Good	Active
N/A	Cisco ASA 5505	Firewall	Skyview	JMX1625Z263	6/1/2012	9 Years	N/A	Good	Active
N/A	Sierra Wireless GX450	Modem	Skyview	LA80941604001005	5/9/2019	2 Years		Good	Active
N/A	Sierra Wireless GX440	Modem	Skyview	CA12044068410	1/1/2018	4 Years		Not Working	Inactive
N/A	Cisco ASA 5506	Firewall	Winter Park	JMX1912402V	1/1/2015	7 Years	N/A	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	7 Years	\$ 815.00	Good	Active
756547	Juniper EX 2202	Ethernet Switch	Winter Park	SCW0214191788	6/30/2015	6 Years	\$ 815.00	Good	Inactive

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Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
101723940000000	Met One Instrument	BAM 1020 Particulate Sampler	Belle Glade	G6214	10/01/07	14 Years	\$21,970.00	Fair	Active
101747340000000	Wells Cargo	Wells Cargo	Belle Glade	1WC200G238305845	06/03/08	13 Years	\$5,625.00	Good	Active
	Teledyne/API/T640	PM sampler	Belle Glade	1251	5/25/2021	0 Years	\$25,118.00	Good	Active
	Agilaire 8872	datalogger	Belle Glade		11/10/2021	0 Years	\$7,750.00	Good	Active
101612220000000	Agilaire 8832	Data Logger	Delray Beach	A1030	06/27/05	16 Years	\$5,280.00	Good	Backup
101826130000000	Met One Instrument	BAM 1020 Particulate Sampler	Delray Beach	K18547	12/09/10	11 Years	\$12,452.60	Good	Active
101612440000000	Thermo Environmental	Partisol PM2.5	Delray Beach	21927	01/02/07	15 Years	\$12,840.00	Fair	Backup
101920710000000	Thermo Environmental	2025i PM Sampler	Delray Beach	2025i-2036671303	04/29/13	8 Years	\$13,200.50	Good	Active
	Teledyne/API/T640x	PM sampler	Delray Beach	807	7/12/2019	2 Years	\$37,750.00	Good	Active
101612210000000	Agilaire 8832	Data Logger	DOH Palm Beach Office	A0633	06/27/05	16 Years	\$5,280.00	Good	Backup
101612230000000	Agilaire 8832	Data Logger	DOH Palm Beach Office	A1028	06/27/05	16 Years	\$5,280.00	Good	Backup
101612240000000	Agilaire 8832	Data Logger	DOH Palm Beach Office	A1031	06/27/05	16 Years	\$5,280.00	Good	Backup
10204151	Alicat MB-500SCCM	Flow meter	DOH Palm Beach Office	MB-500SCCM-D/5M	5/24/2017	4 Years	\$1,264.00	New	Active
101350090000000	BGI Inc	PM sampler	DOH Palm Beach Office	1662	10/16/00	21 Years	\$8,539.03	Good	Inactive
101723950000000	Bios International Corporation	Flow meter	DOH Palm Beach Office	112349	09/30/07	14 Years	\$2,000.00	Fair	Backup
101641050000000	Bios International Corporation	Flow Calibrator	DOH Palm Beach Office	105982	11/30/05	16 Years	\$4,000.00	Good	Active
101641060000000	Bios International Corporation	Flow Calibrator	DOH Palm Beach Office	106379	11/30/05	16 Years	\$4,000.00	Good	Inactive
101971800000000	Dell	Computer	DOH Palm Beach Office	24SHT52	07/23/15	6 Years	\$1,692.92	Good	Active
101641080000000	Enviro-nics	Flow Calibrator	DOH Palm Beach Office	3702	12/06/05	16 Years	\$8,415.00	Fair	Inactive
101641690000000	Enviro-nics	Flow Calibrator	DOH Palm Beach Office	3830	09/12/06	15 Years	\$8,415.00	Fair	Inactive
101985940000000	Mesa Laboratory	Tetra Cal	DOH Palm Beach Office	149651	8/1/2016	5 Years	\$2,300.00	Good	Active
101759260000000	Met One Instrument	BAM 1020 Particulate Sampler	DOH Palm Beach Office	H8630	02/23/09	13 Years	\$14,300.00	Good	Backup
101350160000000	Sartorius	Balance	DOH Palm Beach Office	12008133	09/28/00	21 Years	\$4,459.00	Good	Inactive
J03566000000000	Thermo Environmental	Zero Air System	DOH Palm Beach Office	111-34508-248	09/13/91	30 Years	\$2,783.50	Fair	Backup
101612260000000	Thermo Environmental	Zero Air System	DOH Palm Beach Office	0517912030	06/27/05	16 Years	\$2,970.00	Fair	Backup
101612270000000	Thermo Environmental	Zero Air System	DOH Palm Beach Office	N/A	06/27/05	16 Years	\$1,188.00	Fair	Backup

101612840000000	Thermo Environmental	42i NO2 analyzer	DOH Palm Beach Office	0601213919	11/16/05	16 Years	\$9,733.50	Fair	inactive
101723960000000	Thermo Environmental	TEI 43i SO2 analyzer	DOH Palm Beach Office	CM07350001	10/08/07	14 Years	\$9,775.50	Fair	Inactive
101747450000000	Thermo Environmental	42i NO2 analyzer	DOH Palm Beach Office	0816130476	05/01/08	13 Years	\$10,706.50	Fair	Inactive
101612830000000	Thermo Environmental	Ozone 49i	DOH Palm Beach Office	0601213850	11/16/05	16 Years	\$6,673.50	Good	Backup
101679900000000	Thermo Environmental	TEI CO analyzer	DOH Palm Beach Office	0703320497	01/26/07	15 Years	\$9,085.50	Good	Inactive
101747430000000	Thermo Environmental	2025 PM Sampler	DOH Palm Beach Office	2025B2221502805	06/16/08	13 Years	\$12,464.95	Fair	Backup
101759250000000	Thermo Environmental	Ozone Primary	DOH Palm Beach Office	0906335234	02/23/09	13 Years	\$10,165.00	Good	Active
101971550000000	Thermo Environmental	Ozone Analyzer	DOH Palm Beach Office	1504864522	9/30/2016	5 Years	\$18,245.00	Good	Backup
101553730000000	Thermo Environmental	TEI CO analyzer	DOH Palm Beach Office	335203744	01/08/04	18 Years	\$8,559.00	Poor	Inactive
101871770000000	Teledyne/API	NOX analyzer	DOH Palm Beach Office	205	12/02/11	10 Years	\$10,695.00	Good	Inactive
101971560000000	Teledyne/API	Teledyne/API	DOH Palm Beach Office	1818	02/27/15	7 Years	\$12,215.80	Good	Inactive
G01788000000000	Tisch Environmental, Inc	Tisch Envir OUFF sanopler	DOH Palm Beach Office	13905	01/22/91	31 Years	\$1,925.00	Fair	Inactive
101986080000000	Thermo Environmental/146i	Flow calibrator	DOH Palm Beach Office	1162220065	9/1/2016	5 Years	\$18,164.45	Good	Inactive
102086706	Dell	Mobile Precision 7520 XCTO BASE	DOH Palm Beach Office	1GXL1N2	4/1/2018	4 Years	\$1,621.84	Good	Active
NA	Extech	Hygrometer	DOH Palm Beach Office	Z369890	1/22/2019	3 Years	\$181.00	Good	Active
	Teledyne/API/T640x	PM sampler	DOH Palm Beach Office		5/25/2021	0 Years	\$38,800.00	Good	Backup
	Agilaire 8872	datalogger	DOH Palm Beach Office		11/10/2021	0 Years	\$7,750.00	Good	Backup
101747580000000	Agilaire 8832	Data Logger	Lantana Preserve	A2821K	09/29/08	13 Years	\$6,865.00	Good	Active
10206210	Agilaire 8872	Data Logger	Lantana Preserve	664	02/17/17	5 Years	\$7,325.00	Good	Active
101679960000000	Envionics	Flow Calibrator	Lantana Preserve	3885	12/04/06	15 Years	\$8,415.00	Fair	Inactive
101358770000000	Thermo Environmental	Zero Air System	Lantana Preserve	11161759-333	11/02/98	23 Years	\$3,990.00	Fair	Active
101679750000000	Thermo Environmental	Ozone analyzer	Lantana Preserve	0711721591	04/11/07	15 Years	\$6,777.00	Good	Active
101759340000000	Thermo Environmental	TEI 49i Analyzer	Lantana Preserve	0908635705	04/06/09	13 Years	\$7,533.50	Good	Active
PBCHD 0265	DELL	Site Computer	Lantana Preserve	DY4HM02		122 Years	NA	Good	Active
NA	MBR1200B	Cradle Point MBR1200B Router	Lantana Preserve	NA	4/1/2018	4 Years	\$205.00	Good	Active
10209837	Agilaire 8872	Data Logger	Lamstein Lane	814	09/04/18	3 Years	\$7,350.00	Good	Active
101985920000000	Thermo Environmental/5014i	PM 2.5 Sampler	Lamstein Lane	CM16321023	8/1/2016	5 Years	\$20,665.00	Good	Active
101985930000000	Thermo Environmental/5014i	PM 2.5 Sampler	Lamstein Lane	CM16321022	8/1/2016	5 Years	\$20,665.00	Good	Active
101679970000000	Teledyne/API	API 703 Ozone Primary	Lamstein Lane	0058	10/31/06	15 Years	\$8,550.00	Fair	Active

10198609000000	Thermo Environmental	Zero Air System	Lamstein Lane	1162220064	9/1/2016	5 Years	\$4,240.00	Good	Active
NA	Digi TransPort WR21 Router	Router/Wireless Data Point	Lamstein Lane	NA	12/1/2018	3 Years	\$394.68	Good	Active
NA	Consolidated Analytical System	Air monitoring Shelter	Lamstein Lane	NA	9/1/2018	3 Years	\$60,285.75	Good	Active
NA	Viasala/WXT530	Meteorological Instrument	Lamstein Lane	P5040699	12/21/2018	3 Years	\$3,244.00	Good	Active

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Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
n/a	T-API T400	Ozone	12-103-0004	6021	9/30/2020	1.5	8,600	Good	Deployed
n/a	T-API T640	PM 2.5	12-103-0004	890	2/10/2020	2.2	23,820	Good	Deployed
n/a	T-API T703	O ₃ Primary	12-103-0004	729	8/1/2019	2.7	11,700	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-0004	0412	4/2/2015	7.0	6,600	Good	Deployed
n/a	G&S	Building	12-103-0004	n/a	3/7/1986	36.1	3,500	Good	Deployed
n/a	Met One E-BAM Plus	PM 10	12-103-0012	X19178	9/17/2018	3.6	8,310	Good	Deployed
n/a	ATEC 2200	VOC sampler	12-103-0018	37560	7/31/2017	4.7	10,095	Good	Deployed
n/a	T-API T700U	Calibrator	12-103-0018	649	9/30/2020	1.5	23,760	Good	Deployed
n/a	T-API T500U	NO ₂	12-103-0018	304	9/30/2020	1.5	17,200	Good	Deployed
n/a	T-API T640X	PM 2.5/ 10	12-103-0018	218	8/24/2017	4.6	28,200	Good	Deployed
n/a	T-API T400	Ozone	12-103-0018	3071	5/17/2017	4.9	8,102	Good	Deployed
n/a	T-API 701H	Zero Air	12-103-0018	240	8/19/2016	5.7	8,000	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-0018	0310	8/27/2014	7.6	6,600	Good	Deployed
n/a	RM Young 5305	Wind sensor	12-103-0018	54915	n/a	n/a	1,100	Good	Deployed
n/a	Robin Builders	Building	12-103-0018	n/a	1/28/1998	24.2	14,142	Fair	Deployed
n/a	Aluma Tower 10m	wind tower	12-103-0018	na	8/28/1989	32.6	2,000	Fair	Deployed
n/a	T-API T703	O ₃ Primary	12-103-0018	61	n/a	n/a	n/a	Good	Deployed
n/a	Enviroics 7000	Zero Air	12-103-0023	8640	9/10/2019	2.6	4,700	Good	Deployed
n/a	TEI 43i	SO ₂	12-103-0023	1163630020	12/14/2016	5.3	12,500	Good	Deployed
n/a	Enviroics 6100	Calibrator	12-103-0023	6551	6/1/2015	6.9	8,900	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-0023	0308	8/27/2014	7.6	6,600	Good	Deployed
n/a	William Scottsman	Building	12-103-0023	n/a	9/26/1997	24.6	11,400	Fair	Deployed
n/a	ATEC 2200	VOC sampler	12-103-0026	63523	5/4/2016	5.9	10,095	Good	Deployed
n/a	RM Young 5305	Wind sensor	12-103-0026	57347	n/a	n/a	1,100	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-0026	0411	8/27/2014	7.6	6,600	Good	Deployed
n/a	T-API/Magee 633	Aethalometer	12-103-0026	AE33-S01-00107	6/11/2013	8.8	11,000	Good	Deployed
n/a	Aluma Tower 10m	wind tower	12-103-0026	na	8/21/2001	20.7	2,000	Fair	Deployed
n/a	Robin Builders	Building	12-103-0026	n/a	12/12/1997	24.4	10,800	Fair	Deployed
n/a	T-API T700U	Calibrator	12-103-0027	251	5/20/2016	5.9	21,400	Good	Deployed
n/a	T-API 701H	Zero Air	12-103-0027	136	5/20/2016	5.9	8,000	Good	Deployed
n/a	T-API/Magee 633	Aethalometer	12-103-0027	AE33-SO3-00336	5/20/2016	5.9	7,200	Good	Deployed
n/a	T-API T500U	NO ₂	12-103-0027	108	5/20/2016	5.9	16,000	Good	Deployed
n/a	T-API T300U	CO	12-103-0027	242	5/20/2016	5.9	12,700	Good	Deployed
n/a	William Scottsman	Building	12-103-0027	n/a	1/1/2016	6.3	27,500	Good	Deployed
n/a	Aluma Tower 10m	wind tower	12-103-0027	na	9/30/2015	6.5	4,100	Good	Deployed
n/a	Enviroics 6100	Calibrator	12-103-0027	6552	6/1/2015	6.9	8,900	Good	Deployed
n/a	RM Young 5305	Wind sensor	12-103-0027	69489	n/a	n/a	1,100	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-0027	0311	8/27/2014	7.6	6,600	Good	Deployed
n/a	Met One E-BAM Plus	PM 10	12-103-3004	X19175	9/17/2018	3.6	8,310	Good	Deployed
n/a	T-API T400	Ozone	12-103-5002	6022	9/30/2020	1.5	8,600	Good	Deployed
n/a	TEI 1405	PM 2.5	12-103-5002	1405A235701603	4/20/2016	6.0	13,000	Good	Deployed
n/a	RM Young 5305	Wind sensor	12-103-5002	141707	n/a	n/a	1,100	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-5002	0312	8/27/2014	7.6	6,600	Good	Deployed
n/a	T-API 703E	O ₃ Primary	12-103-5002	331	5/14/2014	7.9	10,000	Good	Deployed
n/a	Topline Building, Inc.	Building	12-103-5002	n/a	12/20/2002	19.3	10,422	Fair	Deployed
n/a	Aluma Tower 10m	wind tower	12-103-5002	na	4/18/1997	25.0	2,000	Fair	Deployed
n/a	Enviroics 7000	Zero Air	12-103-5003	8639	9/17/2019	2.6	4,700	Good	Deployed
n/a	TEI 43i	SO ₂	12-103-5003	1170120019	12/14/2016	5.3	12,500	Good	Deployed
n/a	Agilaire 8872	data logger	12-103-5003	0608	12/9/2016	5.3	7,380	Good	Deployed
n/a	Enviroics 6100	Calibrator	12-103-5003	6186	8/1/2014	7.7	8,800	Good	Deployed
n/a	n/a	Building	12-103-5003	n/a	9/18/1987	34.6	4,850	Fair	Deployed
n/a	TEI 42i	NOx	Broward Co.	CM08260023	7/24/2008	13.7	11,000	Fair	Spare
n/a	Agilaire 8872	data logger	Office	0307	8/27/2014	7.6	6,600	Good	Spare
n/a	Agilaire 8872	data logger	Office	0309	8/27/2014	7.6	6,600	Good	Spare
n/a	T-API T300	CO	Office	2425	5/4/2016	5.9	10,800	Good	Spare
n/a	T-API T400	Ozone	Office	85	n/a	n/a	n/a	Good	Spare
n/a	T-API 400E	Ozone	Office	2545	8/17/2010	11.7	7,200	Good	Spare
n/a	T-API 400E	Ozone	Office	2560	8/17/2010	11.7	7,200	Good	Spare
n/a	T-API T640	PM 2.5	Office	566	11/29/2018	3.4	21,000	Good	Spare
n/a	T-API 703E	O ₃ Primary	Office	240	8/6/2009	12.7	9,000	Good	Spare
n/a	T-API 703E	O ₃ Primary	Office	332	5/14/2014	7.9	10,000	Good	Spare
n/a	TEI 49i	Ozone	Office	CM08270005	8/6/2009	12.6	9,000	Good	Spare
n/a	TEI 43C	SO ₂	Office	43C-55928-305	6/26/1996	24.7	6,500	Fair	Spare
n/a	TEI 42i	NOx	Office	11636300019	12/14/2016	5.3	14,500	Good	Spare
n/a	Enviroics 6100	Calibrator	Office	7866	4/2/2018	4.0	9,000	Good	Spare
n/a	Enviroics 6100	Calibrator	Office	3942	4/24/2007	15.0	8,900	Good	Spare
n/a	Enviroics 6103	Calibrator	Office	2818	3/25/2002	20.1	10,600	Good	Spare
n/a	RM Young 5305	Wind sensor	Office	186982	9/21/2021	0.6	1,100	Good	Spare
n/a	RM Young 5305	Wind sensor	Office	186983	9/21/2021	0.6	1,100	Good	Spare
n/a	RM Young 5305	Wind sensor	Office	141707	n/a	n/a	1,100	Good	Spare
n/a	RM Young 5305	Wind sensor	Office	5	n/a	n/a	1,100	Good	Spare

