

# Florida Department of Environmental Protection

## 2020 Annual Ambient Air Monitoring Network Plan

**Division of Air Resource Management  
Florida Department of Environmental Protection  
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Florida Department of Environmental Protection  
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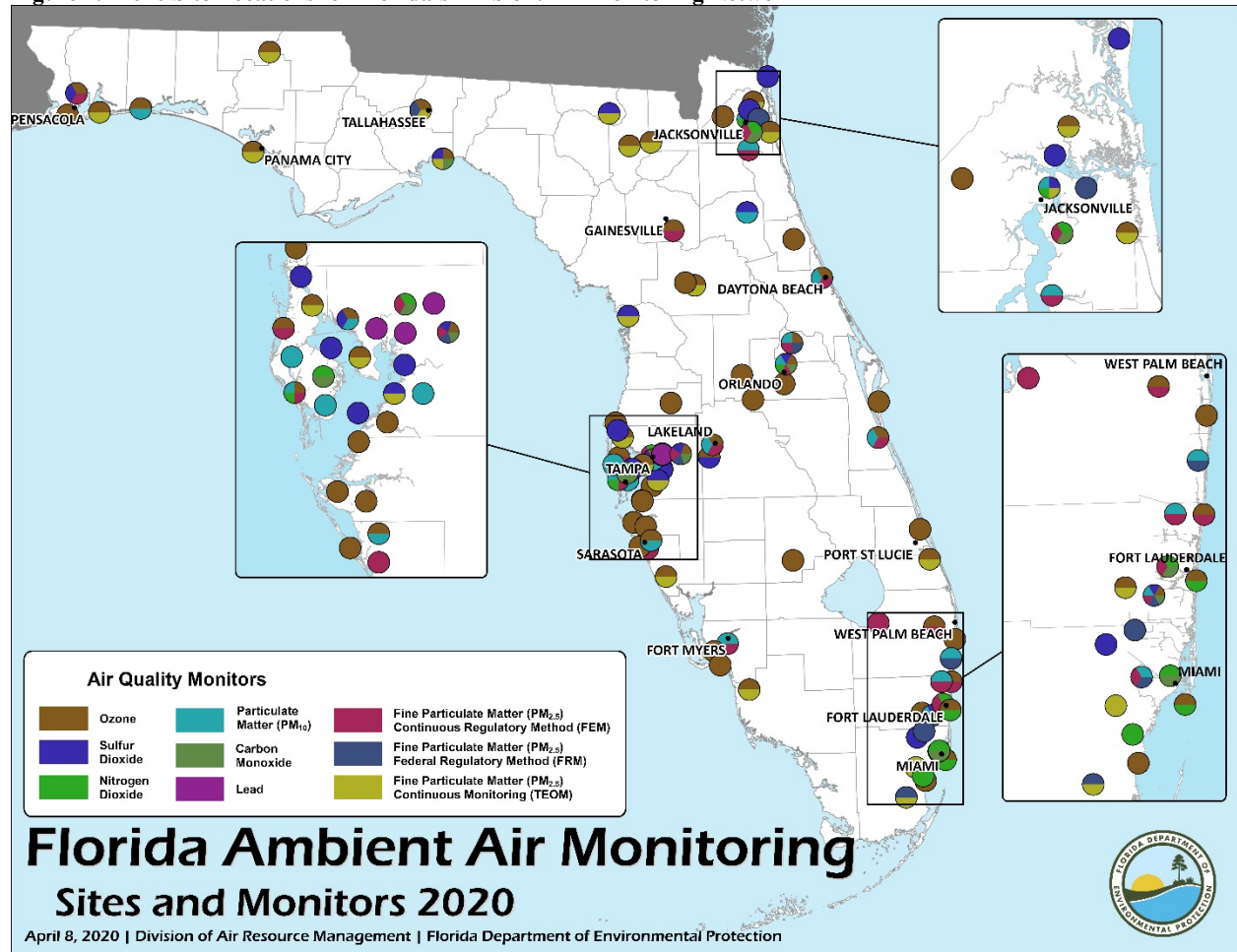
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# 1.0 INTRODUCTION

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 190 monitors at 95 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 2020 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 pursuant to a common set of procedures, using common calibration facilities and standards, and with oversight by a single air quality agency. DEP’s Division of Air Resource Management is the coordinating agency that oversees this PQAO, which consists of DEP and nine Local Programs (see Table 1.1 below).

**Table 1.1 Florida's Primary Quality Assurance Organization**

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

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

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

This annual Air Monitoring Network Plan is a requirement of the Code of Federal Regulations (40 CFR 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-month period following its publication, and provide specific information on each of the state's existing and proposed monitoring sites. Federal regulations require that the plan be posted for public comment 30 days before submission to the EPA Regional Office. The plan will be made available to the public on the DEP website from **June 1, 2020 through June 30, 2020** for the 30-day comment period.

## 2.0 AIR MONITORING NETWORK 2019

On January 1, 2015, the U.S. Environmental Protection Agency (US 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 the Florida's air monitoring network are then used to determine the rate of progress toward attaining the standards.

DEP submitted its 2019 Annual Air Monitoring Network Plan to EPA on June 24, 2019 for review and approval, which was approved on October 22, 2019. DEP also submitted a 2019 Air Monitoring Network Plan Addendum to EPA on January 21, 2020 for proposed site and monitor modifications that were not covered in the 2019 Annual Air Monitoring Network Plan. The 2019 Addendum received EPA approval on January 31, 2020. This plan represents the 2020 Annual Air Monitoring Network Plan and will be submitted to EPA for review and approval by July 1, 2020.

### 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 population 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, 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 DEP in the operation of the statewide air monitoring network. Each county's Metropolitan Statistical Areas or Micropolitan Statistical Area is identified. Requirements for the minimum number of monitoring sites are dependent on both population and population concentration for ozone, PM<sub>2.5</sub> and PM<sub>10</sub>. The recently calculated Population Weighted Emission Index (PWEI) is listed for any areas with a PWEI over 5,000 where monitoring for sulfur dioxide is required.

The Air Quality Index (AQI) is reported and updated hourly on DEP's website at [www.floridadep.gov/air/air-monitoring/content/floridas-air-quality](http://www.floridadep.gov/air/air-monitoring/content/floridas-air-quality). It is available in both graphical and text versions. The data to support this website are collected from all continuous monitors in the state. These data are also shared on EPA's AIRNOW site at [www.airnow.gov](http://www.airnow.gov).

An Air Monitoring Network Plan is also required to provide evidence that siting and operation of each monitor meets the requirements of Appendices A, B, C, D and E of 40 CFR Part 58, where applicable. Appendix A specifies the minimum quality system requirements applicable to State and

Local Air Monitor Stations (SLAMS) and other monitor types whose data are intended to be used to determine compliance with NAAQS. Florida meets 40 CFR Part 58, Appendix A requirements with three basic functions:

1. A quality system must have approved standard operating procedures (SOP), a Quality Management Plan (QMP) and Quality Assurance Project Plans (QAPP), which are in place and updated as needed. The Gaseous and Air Toxics QAPPs were approved in November 2019, the NCore QAPP was approved in December 2018, the Lead (Pb) QAPP was approved in April 2019, and the Particulate Matter (PM) QAPP was approved in May 2019 and is currently under revision. The current QMP was approved in June 2019.
2. 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 are 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 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 lists major equipment upgrades from 2019 through 2020:

**Table 2.1 Equipment Purchases 2019-2020**

Agency	Quantity	Equipment Purchases
FDEP	8	Agilaire 8872 Data Logger
FDEP	4	Met One AIO 2 Met Sensor
FDEP	2	Teledyne T640X PM Monitor
FDEP	1	146iQ Gas Calibrator
FDEP	2	Thermo 49iQ
FDEP	2	Thermo 49iQ-PS
FDEP	1	Mesa Labs DryCal 800
City of Jacksonville	1	Teledyne T640
City of Jacksonville	2	Teledyne T640X
City of Jacksonville	6	RM Young 05305V Anemometers
City of Jacksonville	6	RM Young 41382VC Temperature/RH sensors
City of Jacksonville	2	Teledyne T700U Calibrator
City of Jacksonville	1	RM Young 18802 Anemometer Drive
City of Jacksonville	1	RM Young 18112 Vane Angel Bench Stand
Hillsborough County	1	Mesa Labs TetraCal
Hillsborough County	2	Teledyne T640
Hillsborough County	1	Zero Air Generator Teledyne T701
Hillsborough County	1	Trace level CO Teledyne T300U
Hillsborough County	2	Agilaire 8872 Data Logger
Hillsborough County	1	Teledyne T700U Dynamic Gas Calibrator
Broward County	2	ATEC 2200 - VOC canister sampler
Broward County	1	Agilaire 8872 Data Logger
Broward County	2	RM Young Wind Speed/Wind Dir
Broward County	1	Teledyne T200UP
Broward County	1	Teledyne T640
Broward County	2	Teledyne T640X
Broward County	2	Teledyne T700U
Broward County	1	Thermo 146iQ

Broward County	1	Thermo 48iQ-TLE
Broward County	3	Thermo 49iQ-PS
Broward County	8	Max/Min Thermometers for sites
Broward County	1	Max/Min Refrigerator Thermometer
Broward County	2	Digital Hygrometers
Broward County	4	Home-Made ZAG for O3 Automated Nightly Checks
Manatee County	1	Agilaire 8872 Data Logger
Manatee County	3	RM Young Tipping bucket rain gauge
Manatee County	1	Oakton 03316-72 Barometer
Manatee County	1	2b 211 Ozone Analyzer
Miami-Dade	5	T700 Dilution Calibrator
Miami-Dade	6	T701 Zero Air System
Miami-Dade	2	T300 Gas Filter Correlation CO Analyzer
Miami-Dade	1	Teledyne T640
Palm Beach	1	Teledyne 640X
Palm Beach	1	Teledyne 703U
Pinellas County	2	EnviroNics zero air generators
Pinellas County	1	Alicat FP-25 flow standard
Pinellas County	1	Entech canister cleaner
Pinellas County	2	Teledyne T640
Pinellas County	1	API Ozone primary

### 3.0 AIR MONITORING NETWORK MODIFICATIONS

This Air Monitoring Network Plan provides known changes to the network that have occurred in the last 18 months and those expected to occur in FY 2021. This plan also provides a summary of all site reviews for the network in Appendix A and a complete inventory list in Appendix B. Network modifications are provided in Table 3.1, and are also provided in the Ambient Air Monitoring Network Description in Appendix C.

**Table 3.1 Summary of Network Modifications**

AQS Site #	Site Name	Parameter	Modification
12-003-0002	Osceola National Forest	PM <sub>2.5</sub>	Addition: 02/2020; Relocated from Yulee
12-089-0010	Yulee	PM <sub>2.5</sub>	Close: 2/2020; PM <sub>2.5</sub> Relocated to Osceola National Forest
12-031-0099	Sunny Acres	PM <sub>2.5</sub> (Primary & Collocated monitors)	Close Expected: 10/2020; Expected Replacement by FEM: 10/2020
12-057-0109	East Bay	SO <sub>2</sub>	Relocated on existing property 01/2020 (Approved by EPA on 01/31/2020)
12-095-0008	Winegard Elementary School	Ozone	Close: 01/2020; Ozone Relocated to Skyview Drive (Approved by EPA on 01/31/2020)
12-095-0010	Skyview Drive	Ozone	Addition: 03/2020
12-095-2002	Winter Park	CO	Relocation Expected: End 2020 (Approved by EPA on 01/31/2020)
		SO <sub>2</sub>	
		NO <sub>2</sub>	
		Ozone	
		PM <sub>10</sub>	
		PM <sub>2.5</sub>	

## 4.0 FLORIDA’S AMBIENT AIR MONITORING NETWORK 2020

The Ambient Air Monitoring Section in Florida is responsible for measuring levels of regulated pollutants in the ambient air by maintaining a network of 95 monitoring stations across the state and measuring the concentration of pollutants such as ozone, lead, particulate matter, nitrogen oxides, sulfur dioxide and carbon monoxide. These monitoring services are provided in accordance with 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 define air pollutant concentration levels judged necessary to protect the 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 2017-2019 design values.

**Table 4.1 Florida’s Ozone Network**

AQS Site #	Site Name	Pollutant	2017-2019 Design Values
12-001-3012	Paynes Prairie Farm	Ozone	61
12-003-0002	Osceola National Forest - Olustee Ranger Station	Ozone	61
12-005-0006	St. Andrews State Park	Ozone	60
12-009-0007	Melbourne	Ozone	54
12-009-4001	Cocoa Beach	Ozone	61
12-011-0033	Vista View Park	Ozone	62
12-011-0034	Daniela Banu (NCore Site)	Ozone	61
12-011-2003	Pompano Highland Fire House	Ozone	62
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	Ozone	61
12-021-0004	Laurel Oak Elementary	Ozone	61
12-023-0002	Lake City - Veterans Domicile	Ozone	62
12-031-0077	Sheffield Elementary	Ozone	60
12-031-0100	Mayo Clinic	Ozone	61
12-031-0106	Cisco Drive	Ozone	61
12-033-0004	Ellyson Industrial Park	Ozone	64
12-033-0018	Pensacola NAS	Ozone	64
12-035-0004	Flagler	Ozone	58
12-055-0003	Archbold Biological Station	Ozone	60
12-057-0081	E.G. Simmons Park	Ozone	68
12-057-1035	Davis Island (Coast Guard Station)	Ozone	62
12-057-1065	USMC Reserve Center	Ozone	68
12-057-3002	Sydney (NCore Site)	Ozone	65
12-059-0004	Bonifay Tri-County Airport	Ozone	58
12-069-0002	Clermont	Ozone	66
12-071-2002	Rotary Park	Ozone	62
12-071-3002	Bay Oaks Park	Ozone	63
12-073-0012	Tallahassee Community College	Ozone	62
12-081-3002	Port Manatee	Ozone	66
12-081-4012	GT Bray Park	Ozone	66

12-081-4013	39th Street Park	Ozone	63
12-083-0003	Ocala - YMCA	Ozone	62
12-083-0004	Marion County Sheriff	Ozone	60
12-085-0007	Stuart	Ozone	62
12-086-0027	Rosenstiel (University of Miami)	Ozone	62
12-086-0029	Perdue	Ozone	61
12-091-0002	Fort Walton Beach	Ozone	62
12-095-0008	Winegard Elementary School	Ozone	62
12-095-2002	Lake Isle Estates - Winter Park	Ozone	64
12-097-2002	Osceola Co. Fire Station - Four Corners	Ozone	68
12-099-0021	Lantana Preserve	Ozone	62
12-099-0022	Lamstein Lane	Ozone	Not Available - Site opened 1/2019
12-101-0005	San Antonio	Ozone	61
12-101-2001	Holiday	Ozone	63
12-103-0004	St. Petersburg College	Ozone	66
12-103-0018	Azalea Park	Ozone	62
12-103-5002	John Chesnut Sr. Park - East Lake	Ozone	61
12-105-6005	Sikes Elementary School	Ozone	67
12-105-6006	Baptist Children's Home	Ozone	68
12-111-0013	Savannas	Ozone	61
12-113-0015	Woodlawn Beach Middle School	Ozone	63
12-115-1005	Lido Park	Ozone	63
12-115-1006	Paw Park	Ozone	65
12-115-2002	Jackson Road	Ozone	61
12-117-1002	Seminole Community College	Ozone	64
12-127-5002	Daytona - Blind Services	Ozone	60
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	Ozone	59

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

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

Florida's PQA currently operates 7 federal reference method (FRM) and 24 federal equivalent method (FEM) monitors. There is an approved waiver for the FEM Met One BAM 1020 instruments operating in Palm Beach County to remain non-regulatory monitors since they do not meet the required FEM statistics in 40 CFR Part 53(C). The other FEM monitors have been approved by the EPA and can be used to determine compliance with the NAAQS. This network is sufficient to protect the health and welfare of Florida's residents and environment. It also provides information on how fine particles are transported to and within the state, to identify the parts of the state with the highest concentrations of fine particles, and to determine where fine particle concentrations do and do not exceed the NAAQS. All of Florida's PM<sub>2.5</sub> FRM/FEM monitoring sites are detailed in Table 4.2.

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

AQS Site #	Site Name	Pollutant	Method: FRM/FEM	Operating Schedule	2017-2019 Design Values	Comments
12-009-0007	Melbourne	PM <sub>2.5</sub>	FEM	Continuous	6.1	
12-011-0034	Daniela Banu (NCore Site)	PM <sub>2.5</sub>	FEM	Continuous	6.4	
12-011-0035	Fort Lauderdale Near Road	PM <sub>2.5</sub>	FEM	Continuous	9.3	
12-011-2003	Pompano Highland Fire House	PM <sub>2.5</sub>	FEM	Continuous	6.6	
12-011-5005	Coconut Creek	PM <sub>2.5</sub>	FEM	Continuous	6.7	
12-031-0098	Mandarin Rd Site	PM <sub>2.5</sub>	FRM	Every 3rd Day	Not Available – Data Completeness	
12-031-0099	Sunny Acres	PM <sub>2.5</sub>	FRM	Every 3rd Day	Not Available – Data Completeness	Collocated monitor
			FRM	Every 12th Day		
12-031-0108	Pepsi Place (PP-PPL)	PM <sub>2.5</sub>	FEM	Continuous	Not Available – Data Completeness	
12-033-0004	Ellyson Industrial Park	PM <sub>2.5</sub>	FRM	Every 3rd Day	7.4	Collocated monitor
			FRM	Every 12th Day		
12-057-0112	Munro Street	PM <sub>2.5</sub>	FEM	Continuous	Not Available – Data Completeness	
12-057-3002	Sydney (NCore Site)	PM <sub>2.5</sub>	FEM	Continuous	7.9	Collocated monitor
			FRM	Every 3rd Day		

12-071-0005	Winkler Pump Station	PM <sub>2.5</sub>	FEM	Continuous	7.2	
12-073-0012	Tallahassee Community College	PM <sub>2.5</sub>	FRM	Every 3rd Day	7.6	Collocated monitor
			FRM	Every 12th Day		
12-086-0033	Palm Springs Fire Station	PM <sub>2.5</sub>	FRM	Every 3rd Day	6.7	
12-086-1016	Miami Fire Station	PM <sub>2.5</sub>	FEM	Continuous	8	Collocated monitor
			FRM	Every 12th Day		
12-086-6001	Homestead Fire Station	PM <sub>2.5</sub>	FRM	Every 3rd Day	6.8	
12-095-0009	I-4 Near Road	PM <sub>2.5</sub>	FEM	Continuous	Not Available – Site has a temporary monitoring waiver	
12-095-2002	Lake Isle Estates - Winter Park	PM <sub>2.5</sub>	FEM	Continuous	7.1	
12-099-0008	Belle Glade	PM <sub>2.5</sub>	FEM	Continuous	Non-regulatory Monitor	
12-099-0022	Lamstein Lane	PM <sub>2.5</sub>	FEM	Continuous	Not Available – Site opened 1/2019	Collocated monitor
			FEM	Continuous		
12-099-2005	Delray Beach	PM <sub>2.5</sub>	FEM	Continuous	6.3	
12-103-0004	St. Petersburg College	PM <sub>2.5</sub>	FEM	Continuous	Not Available – Monitor opened 3/2019	
12-103-0018	Azalea Park	PM <sub>2.5</sub>	FEM	Continuous	7.6	
12-105-6006	Baptist Children's Home	PM <sub>2.5</sub>	FEM	Continuous	7.5	
12-115-0013	Bee Ridge Park	PM <sub>2.5</sub>	FEM	Continuous	6.8	
12-117-1002	Sanford	PM <sub>2.5</sub>	FEM	Continuous	6.5	Collocated monitor
			FRM	Every 12th Day		
12-127-5002	Daytona - Blind Services	PM <sub>2.5</sub>	FEM	Continuous	7.2	

### 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 [www3.epa.gov/ttn/amtic/ncore.html](http://www3.epa.gov/ttn/amtic/ncore.html). Table 4.3 provides information on Florida’s NCore sites.

**Table 4.3 NCore Sites in Florida**

AQS Site #	Site Name	Parameter
12-129-0001	St. Marks National Wildlife Refuge	O <sub>3</sub> , NO <sub>y</sub> , CO, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub>
12-011-0034	Daniela Banu	O <sub>3</sub> , NO <sub>y</sub> _TL, NO <sub>2</sub> _TL, NO_TL, CO_TL, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub> , PM <sub>10-2.5</sub> , Low Volume PM <sub>10</sub> , PM <sub>10</sub> and PM <sub>2.5</sub>
12-057-3002	Sydney	O <sub>3</sub> , NO <sub>y</sub> _TL, NO <sub>2</sub> _TL, NO_TL, CO_TL, SO <sub>2</sub> _TL, Continuous PM <sub>2.5</sub> , PM <sub>10-2.5</sub> , Low Volume PM <sub>10</sub> , PM <sub>10</sub> and PM <sub>2.5</sub>

EPA only requires two NCore monitoring sites for the State of Florida, but the PQA0 currently operates three sites. EPA requested that 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 Site #12-129-0001) takes advantage of the existing Interagency Monitoring of Protected Visual Environments (IMPROVE) and 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). The site in the Miami-Fort Lauderdale-Miami Beach area was relocated due to the construction plans for a source that would influence the site. The replacement site for the Miami-Fort Lauderdale-Miami Beach area is AQS Site #12-011-0034 in Davie, which is operated by Broward County. The site began operation in August 2015 and the meteorological instruments will be operational by summer of 2020.

In the Tampa-St. Petersburg-Clearwater area, the NCore site is Sydney (AQS Site #12-057-3002), which is operated by Hillsborough County. This site was used as part of a large and intense nitrogen deposition study called the Bay Regional Atmospheric Chemistry Experiment (BRACE). It has also been monitoring trace SO<sub>2</sub>, CO and total reactive nitrogen (NO<sub>y</sub>) since 2004. Since the primary use of the NCore sites is to obtain air quality trends analyses, Sydney’s location in a more rural part of the county is ideal for tracking trends that reflect the increasing population.



#### 4.4 PAMS NETWORK

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

1. Hourly averaged speciated volatile organic compounds (VOCs);
2. Three eight-hour averaged carbonyl samples per day on a 1 in 3-day schedule, or hourly averaged formaldehyde;
3. Hourly averaged O<sub>3</sub>;
4. Hourly averaged nitrogen oxide (NO), true nitrogen dioxide (NO<sub>2</sub>), and total reactive nitrogen (NO<sub>y</sub>);
5. Hourly averaged ambient temperature;
6. Hourly vector-averaged wind direction;
7. Hourly vector-averaged wind speed;
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.

EPA delayed the start date for the revised PAMS monitoring site network from June 1, 2019 to June 1, 2021. This revision gives states and local agencies an additional two years to acquire the necessary equipment and expertise needed to successfully implement the program. The Daniela Banu (AQS Site #12-011-0034) and Sydney (AQS Site #12-057-3002) NCore sites located in Broward and Hillsborough counties, respectively, are required to implement PAMS monitoring. The 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 Florida PAMS PQAO will continue preparing to implement the program as funding and personnel resources allow with the goal of full implementation on or before June 1, 2021. The PAMS Implementation Network Plan for each county is provided below.

▪ PAMS Monitoring Implementation Network Plan – Broward County

**PAMS Monitoring Implementation Network Plan**

**Monitoring Organizations Required To Operate At NCore Sites**

**Environmental Protection and Growth Management Department, Environmental Engineering and Permitting Division, Air Monitoring and Outreach Section, Broward County, Florida**

The recently revised monitoring rule (80 FR 65292; October 26, 2015) requires PAMS measurements June 1 through August 31 at NCore sites that are located in Core-Based Statistical Areas (CBSAs) with populations of 1,000,000 or more. Therefore, Broward County's Air Monitoring and Outreach Section proposes to implement PAMS monitoring in the FY2019 network plan.

**Network Decision**

- The NCore site located at the Banu air monitoring station (12-011-0034) will serve as the location of the required PAMS site and will measure the following parameters described below. An Inventory of equipment used at the site is provided in Table 2.
- We request a waiver from implementing PAMS at an otherwise required NCore site entirely, or to make PAMS measurements at alternative locations such as existing PAMS sites or existing NATTS sites. Rationale for this waiver is provided in Waiver attachment

**Auto GC Decision**

**Volatile organic compounds (VOCs)** – A complete list of the targeted compounds are found in Table 1.

- We will measure hourly speciated VOC measurements with an auto-gas chromatograph (GC) using CAS AutoGC.
- We request a waiver to allow three 8-hour samples every third day as an alternative to daily hourly speciated VOC measurements at locations (*insert locations*). Rationale for this waiver is provided in Waiver Attachment

**Meteorology Measurements Decision** – Note: EPA is suggesting the use of ceilometers for determining mixing height, however other types of meteorological equipment that provide for an indication of mixing height can be proposed

- Will measure wind direction, wind speed, temperature, humidity, atmospheric pressure, precipitation, solar radiation, ultraviolet radiation, and mixing height. We have elected to use the following instrumentation to measure the parameters described above (*See Table 2*).
- We request a waiver to allow meteorological measurements to be obtained from other nearby sites. Rationale for this waiver is provided in Waiver attachment

**Other Required Measurements**

- **Carbonyls** - Carbonyl sampling at a frequency of three 8-hour samples on a one-in-three day basis (~90 samples per PAMS sampling season) using an ATECH 8000. A complete list of the target

carbonyl compounds may be found in Table 1. The TO-11A test method, as used in the National Air Toxics Trends (NATTS) program<sup>1</sup> will be used.

- **Nitrogen Oxides** – Will monitor for NO and NO<sub>y</sub> (total oxides of nitrogen) in addition to true NO<sub>2</sub>. The true NO<sub>2</sub> is required to be measured with a direct reading NO<sub>2</sub> analyzer, cavity attenuated phase shift (CAPS) spectroscopy or photolytic-converter NO<sub>x</sub> analyzer. We have elected to use the Teledyne-API T500 CAPS Analyzer for the true NO<sub>2</sub> measurement. NO and NO<sub>y</sub> will be measured using a Thermo Environmental Instruments Model 42i-Y analyzer.

**Table 1 PAMS Target Compound List**

Priority Compounds				Optional Compounds			
1	1,2,3-trimethylbenzene <sup>a</sup>	19	n-hexane <sup>b</sup>	1	1,3,5-trimethylbenzene	19	m-diethylbenzene
2	1,2,4-trimethylbenzene <sup>a</sup>	20	n-pentane	2	1-pentene	20	methylcyclohexane
3	1-butene	21	o-ethyltoluene <sup>a</sup>	3	2,2-dimethylbutane	21	methylcyclopentane <sup>e</sup>
4	2,2,4-trimethylpentane <sup>b</sup>	22	o-xylene <sup>a,b</sup>	4	2,3,4-trimethylpentane	22	n-decane
5	acetaldehyde <sup>b,c</sup>	23	p-ethyltoluene <sup>a</sup>	5	2,3-dimethylbutane	23	n-heptane
6	acetone <sup>c,d</sup>	24	Propane	6	2,3-dimethylpentane	24	n-nonane
7	benzene <sup>a,b</sup>	25	propylene	7	2,4-dimethylpentane	25	n-octane
8	c-2-butene	26	styrene <sup>a,b</sup>	8	2-methylheptane	26	n-propylbenzene <sup>a</sup>
9	ethane <sup>d</sup>	27	toluene <sup>a,b</sup>	9	2-methylhexane	27	n-undecane
10	ethylbenzene <sup>a,b</sup>	28	t-2-butene	10	2-methylpentane	28	p-diethylbenzene
11	Ethylene			11	3-methylheptane	29	t-2-pentene
12	formaldehyde <sup>b,c</sup>			12	3-methylhexane	30	α/β-pinene
13	Isobutane			13	3-methylpentane	31	1,3 butadiene <sup>b</sup>
14	Isopentane			14	Acetylene	32	benzaldehyde <sup>c</sup>
15	Isoprene			15	c-2-pentene	33	carbon tetrachloride <sup>b</sup>
16	m&p-xylenes <sup>a,b</sup>			16	cyclohexane	34	Ethanol
17	m-ethyltoluene <sup>a</sup>			17	cyclopentane	35	Tetrachloroethylene <sup>b</sup>
18	n-butane			18	isopropylbenzene <sup>b</sup>		

Source: Revisions to the Photochemical Assessment Monitoring Stations Compound Target List. U.S. EPA, November 20, 2013

<sup>a</sup> Important SOAP (Secondary Organic Aerosols Precursor) Compounds

<sup>b</sup> HAP (Hazardous Air Pollutant) Compounds

<sup>c</sup> Carbonyl compounds

<sup>d</sup> Non-reactive compounds, not considered to be VOC for regulatory purposes

<sup>1</sup> See NATTS Technical Assistance Document for TO-11A method.

**Table 2: Banu Station Equipment Inventory**

<b>Instrument</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Status</b>
Trace-level CO Analyzer	TEI	48C-TLE	Active
Trace-level SO <sub>2</sub> Analyzer	TEI	43i-TLE	Active
Ozone Analyzer	TEI	49i	Active
Trace-level NO/NO <sub>y</sub> Analyzer	TEI	42i-TLE	Active
24-hour VOC Canister Sampling	Entech	SUMMA	Active
24-hour VOC Canister Sampling	ATEC	2200-22	Pending
PM <sub>2.5</sub> Speciation	MetOne	SASS	Active
Organic Carbon/Elemental Carbon	URG	3000N	Active
Low-Volume PM <sub>2.5</sub> Mass	TEI	2025i	Active
Low-Volume PM <sub>2.5-10</sub> Mass	TEI	2025i	Active
Low-Volume PM <sub>10</sub> Mass	TEI	2025i	Active
Continuous PM <sub>2.5</sub> Mass	TEI	5014i	Active
Ultrasonic Anemometer	R.M. Young	81000	Active
Data Acquisition System	Agilaire	8832	Active
Data Acquisition System	Agilaire	8872	Pending
AutoGC System	CAS	-	Pending
3-hour Carbonyl Sampler	ATECH	8000	Pending
True NO <sub>2</sub> Analyzer	T-API	T500	Pending
Mixing Height Monitor	TBD	-	Pending
UV/Solar Radiation Monitor	TBD	-	Pending
Precipitation Gauge	TBD	-	Pending
Atmospheric Pressure Gauge	TBD	-	Pending

\*TBD = to be determined

▪ PAMS Monitoring Implementation Network Plan – Hillsborough County

**PAMS Monitoring Implementation Network Plan**

**Monitoring Organizations Required To Operate At NCore Sites**

**Environmental Protection Commission of Hillsborough County, Florida**

The recently revised monitoring rule (80 FR 65292; October 26, 2015) requires PAMS measurements June 1 through August 31 at NCore sites that are located in Core-Based Statistical Areas (CBSAs) with populations of 1,000,000 or more. Therefore, the Environmental Protection Commission of Hillsborough County, Florida (EPC/HC) proposes to implement PAMS monitoring in the FY2017 network plan.

**Network Decision**

- The NCore site located at the Sydney air monitoring station (12-057-3002) will serve as the location of the required PAMS site and will measure the following parameters described below. An Inventory of equipment used at the site is provided in Table 2.
- We request a waiver from implementing PAMS at an otherwise required NCore site entirely, or to make PAMS measurements at alternative locations such as existing PAMS sites or existing NATTS sites. Rationale for this waiver is provided in Waiver attachment

**Auto GC Decision**

**Volatile organic compounds (VOCs)** – A complete list of the targeted compounds are found in Table 1.

- We will measure hourly speciated VOC measurements with an auto-gas chromatograph (GC) using Markes-Agilent AutoGC.
- We request a waiver to allow three 8-hour samples every third day as an alternative to daily hourly speciated VOC measurements at locations (*insert locations*). Rationale for this waiver is provided in Waiver Attachment

**Meteorology Measurements Decision** – Note: EPA is suggesting the use of ceilometers for determining mixing height, however other types of meteorological equipment that provide for an indication of mixing height can be proposed

- Will measure wind direction, wind speed, temperature, humidity, atmospheric pressure, precipitation, solar radiation, ultraviolet radiation, and mixing height. We have elected to use the following instrumentation to measure the parameters described above (*See Table 2*).
- We request a waiver to allow meteorological measurements to be obtained from other nearby sites. Rationale for this waiver is provided in Waiver attachment

**Other Required Measurements**

- **Carbonyls** - Carbonyl sampling at a frequency of three 8-hour samples on a one-in-three day basis (~90 samples per PAMS sampling season) using an ATECH 8000. A complete list of the target

carbonyl compounds may be found in Table 1. The TO-11A test method, as used in the National Air Toxics Trends (NATTS) program<sup>1</sup> will be used.

- **Nitrogen Oxides** – Will monitor for NO and NO<sub>y</sub> (total oxides of nitrogen) in addition to true NO<sub>2</sub>. The true NO<sub>2</sub> is required to be measured with a direct reading NO<sub>2</sub> analyzer, cavity attenuated phase shift (CAPS) spectroscopy or photolytic-converter NO<sub>x</sub> analyzer. We have elected to use the Teledyne-API T500 CAPS Analyzer for the true NO<sub>2</sub> measurement. NO and NO<sub>y</sub> will be measured using a Thermo Environmental Instruments Model 42i-Y analyzer.

**Table 1 PAMS Target Compound List**

Priority Compounds			Optional Compounds				
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2	1,2,4-trimethylbenzene <sup>a</sup>	20	n-pentane	2	1-pentene	20	methylcyclohexane
3	1-butene	21	o-ethyltoluene <sup>a</sup>	3	2,2-dimethylbutane	21	methylcyclopentane <sup>e</sup>
4	2,2,4-trimethylpentane <sup>b</sup>	22	o-xylene <sup>a,b</sup>	4	2,3,4-trimethylpentane	22	n-decane
5	acetaldehyde <sup>b,c</sup>	23	p-ethyltoluene <sup>a</sup>	5	2,3-dimethylbutane	23	n-heptane
6	acetone <sup>c,d</sup>	24	Propane	6	2,3-dimethylpentane	24	n-nonane
7	benzene <sup>a,b</sup>	25	propylene	7	2,4-dimethylpentane	25	n-octane
8	c-2-butene	26	styrene <sup>a,b</sup>	8	2-methylheptane	26	n-propylbenzene <sup>a</sup>
9	ethane <sup>d</sup>	27	toluene <sup>a,b</sup>	9	2-methylhexane	27	n-undecane
10	ethylbenzene <sup>a,b</sup>	28	t-2-butene	10	2-methylpentane	28	p-diethylbenzene
11	Ethylene			11	3-methylheptane	29	t-2-pentene
12	formaldehyde <sup>b,c</sup>			12	3-methylhexane	30	α/β-pinene
13	Isobutane			13	3-methylpentane	31	1,3 butadiene <sup>b</sup>
14	Isopentane			14	Acetylene	32	benzaldehyde <sup>c</sup>
15	Isoprene			15	c-2-pentene	33	carbon tetrachloride <sup>b</sup>
16	m&p-xylenes <sup>a,b</sup>			16	cyclohexane	34	Ethanol
17	m-ethyltoluene <sup>a</sup>			17	cyclopentane	35	Tetrachloroethylene <sup>b</sup>
18	n-butane			18	isopropylbenzene <sup>b</sup>		

Source: Revisions to the Photochemical Assessment Monitoring Stations Compound Target List. U.S. EPA, November 20, 2013

<sup>a</sup> Important SOAP (Secondary Organic Aerosols Precursor) Compounds

<sup>b</sup> HAP (Hazardous Air Pollutant) Compounds

<sup>c</sup> Carbonyl compounds

<sup>d</sup> Non-reactive compounds, not considered to be VOC for regulatory purposes

<sup>1</sup> See NATTS Technical Assistance Document for TO-11A method.

**Table 2: Sydney Station Equipment Inventory**

<b>Instrument</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Status</b>
Trace-level CO Analyzer	TEI	48i-TLE	Active
Trace-level SO <sub>2</sub> Analyzer	TEI	43i-TLE	Active
Ozone Analyzer	TEI	49i	Active
Trace-level NO/NO <sub>y</sub> Analyzer	TEI	42i-TLE	Active
24-hour VOC Canister Sampling	Resteck	SUMA	Active
24-hour Carbonyl Sampling	ERG	C Sampling	Active
SVOC/PUF Sampler	General Metals	Hi-VOL	Active
PM <sub>10</sub> Metals	General Metals	Hi-VOL	Active
PM <sub>2.5</sub> Speciation	MetOne	SASS	Active
Organic Carbon/Elemental Carbon	URG	3000N	Active
Low-Volume PM <sub>2.5</sub> Mass	TEI	2025i	Active
Low-Volume PM <sub>2.5-10</sub> Mass	TEI	2025i	Active
Low-Volume PM <sub>10</sub> Mass	TEI	2025i	Active
Continuous PM <sub>2.5</sub> Mass	TEI	5014i	Active
Ultrasonic Anemometer	R.M. Young	81000	Active
Data Acquisition System	Agilaire	8872	Pending
AutoGC System	Markes-Agilent	-	Pending
3-hour Carbonyl Sampler	ATECH	8000	Pending
True NO <sub>2</sub> Analyzer	T-API	T500	Pending
Mixing Height Monitor	TBD	-	Pending
UV/Solar Radiation Monitor	TBD	-	Pending
Precipitation Gauge	TBD	-	Pending
Atmospheric Pressure Gauge	TBD	-	Pending

\*TBD = to be determined

## 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, PM<sub>10</sub> metals, hexavalent chromium and Polycyclic Aromatic Hydrocarbons (PAHs). Table 4.4 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: AQS Site #12-057-3002) and the other in Pinellas County (Skyview: AQS Site #12-103-0026).

**Table 4.4 NATTS Sites in Florida**

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



## 4.6 SO<sub>2</sub> MONITORING NETWORK

Florida's air monitoring network complies with current SO<sub>2</sub> monitoring requirements. Ambient monitoring is required for Core Based Statistical Areas (CBSAs) whose Population Weighted Emission Index (PWEI) is above 5,000. One SO<sub>2</sub> monitor is required for CBSAs when the PWEI is above 5,000 and two monitors are required when the PWEI is above 100,000, with a unit of million persons-tons per year. Additionally, one SO<sub>2</sub> monitor is required at each of the NCore sites. A summary of these requirements is provided in Table 4.5. The PWEI values listed were provided by EPA.

**Table 4.5 SO<sub>2</sub> Monitoring Requirements**

Core Based Statistical Areas	Counties	2018 Census Population	PWEI 2014 NEI	SO <sub>2</sub> Monitors Needed	SO <sub>2</sub> Monitors Operating
Miami-Fort Lauderdale-Pompano Beach	Broward, Miami-Dade and Palm Beach Counties	6,198,782	58,582.11	1	2
Tampa-St. Petersburg-Clearwater	Hillsborough, Pinellas, Pasco and Hernando Counties	3,142,663	55,852.56	1	5
Orlando-Kissimmee-Sanford	Lake, Orange, Osceola and Seminole Counties	2,572,962	13,475.74	1	1
Jacksonville	Baker, Clay, Duval, Nassau and St. Johns Counties	1,534,701	44,988.29	1	3
North Port-Bradenton-Sarasota	Manatee and Sarasota Counties	821,573	1,013.74		1
Cape Coral-Fort Myers	Lee County	754,610	456.38		
Lakeland	Polk County	708,009	12,353.82	1	1
Deltona-Daytona Beach-Ormond Beach	Flagler and Volusia Counties	659,605	517.12		
Palm Bay-Melbourne-Titusville	Brevard County	596,849	779.94		
Pensacola-Ferry Pass-Brent	Escambia and Santa Rosa Counties	494,883	2,446.01		1
Port St. Lucie-Fort Pierce	Martin and St Lucie Counties	482,040	1,132.50		
Homosassa Springs	Citrus County	147,929	4,845.24		1
Palatka	Putnam County	74,163	1,023.04		1
Hamilton County	Hamilton County	14,310	36.34		1
NCore sites (3)	N/A	N/A	N/A	3	3
<b>Total</b>				<b>8</b>	<b>20</b>

**Table 4.6 Florida's SO<sub>2</sub> Network**

<b>AQS Site #</b>	<b>Site Name</b>	<b>Pollutant</b>	<b>Monitoring Purpose</b>
12-011-0034	Daniela Banu (NCore Site)	SO <sub>2</sub>	Population
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	SO <sub>2</sub>	Population
12-086-0019	Pennsuco	SO <sub>2</sub>	Population
12-057-0112	Apollo Beach	SO <sub>2</sub>	Source
12-057-0109	East Bay	SO <sub>2</sub>	Source
12-057-1035	Davis Island (Coast Guard Station)	SO <sub>2</sub>	Population
12-057-3002	Sydney (NCore Site)	SO <sub>2</sub>	Population
12-103-0023	Derby Lane	SO <sub>2</sub>	Population
12-103-5003	Oakwood	SO <sub>2</sub>	Source
12-031-0032	Kooker Park	SO <sub>2</sub>	Data Trends
12-031-0081	Cedar Bay STP	SO <sub>2</sub>	Source
12-089-0005	Fernandina Beach Wastewater Treatment Plant	SO <sub>2</sub>	Regulatory
12-081-0028	Port Manatee DEP	SO <sub>2</sub>	Source
12-095-2002	Lake Isle Estates - Winter Park	SO <sub>2</sub>	Regulatory
12-105-6005	Sikes Elementary School	SO <sub>2</sub>	Regulatory
12-033-0004	Ellyson Industrial Park	SO <sub>2</sub>	Population
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	SO <sub>2</sub>	Background
12-107-1008	Palatka Barge Port	SO <sub>2</sub>	Source
12-017-0006	Crystal River Preserve	SO <sub>2</sub>	Source
12-047-0015	White Springs	SO <sub>2</sub>	Source

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

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

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

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

In Florida, the NO<sub>2</sub> near-road monitoring areas are Tampa, Fort Lauderdale, Jacksonville and Orlando. All Phase I NO<sub>2</sub> near-road sites within these areas have been established. However, the Phase I near-road NO<sub>2</sub> site (I-4 Near Road: AQS Site #: 12-095-0009) in Orange County received a temporary monitoring waiver from EPA Region 4 in July 2017, due to ongoing I-4 construction which resulted in environmental conditions not representative of the ambient air.

The 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 NO<sub>2</sub> 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 selected, approved and operational by July 1, 2021.

All other Phase II NO<sub>2</sub> near-road sites located in the Tampa-Saint Petersburg-Clearwater (Sawgrass Lake Park: AQS Site #12-103-0027) and Miami-Fort Lauderdale-Pompano Beach (Perimeter Road: AQS Site #12-086-0035) CBSAs are currently established and operational.

A summary of the NO<sub>2</sub> monitoring requirements is provided in Table 4.7 and the designated community-wide and vulnerable and susceptible monitors for the state are provided in Table 4.8.

**Table 4.7 NO<sub>2</sub> Monitoring Required by 2010 NAAQS**

<b>CBSAs with Population over 1,000,000</b>	<b>2018 Census Population</b>	<b>AADT ≥250,000</b>	<b>Required Near-road Monitors</b>	<b>Required Community-wide Monitor</b>	<b>Vulnerable and Susceptible</b>	<b>Total</b>
Miami-Fort Lauderdale-Pompano Beach	6,198,782	✓	2 <sup>1</sup>	1	1	4
Tampa-St. Petersburg-Clearwater	3,142,663	N/A	2 <sup>1</sup>	1	N/A	3
Orlando-Kissimmee	2,572,962	N/A	2 <sup>1</sup>	1	N/A	3
Jacksonville	1,534,701	N/A	1	1	N/A	2
<b>Total</b>						<b>12</b>

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

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

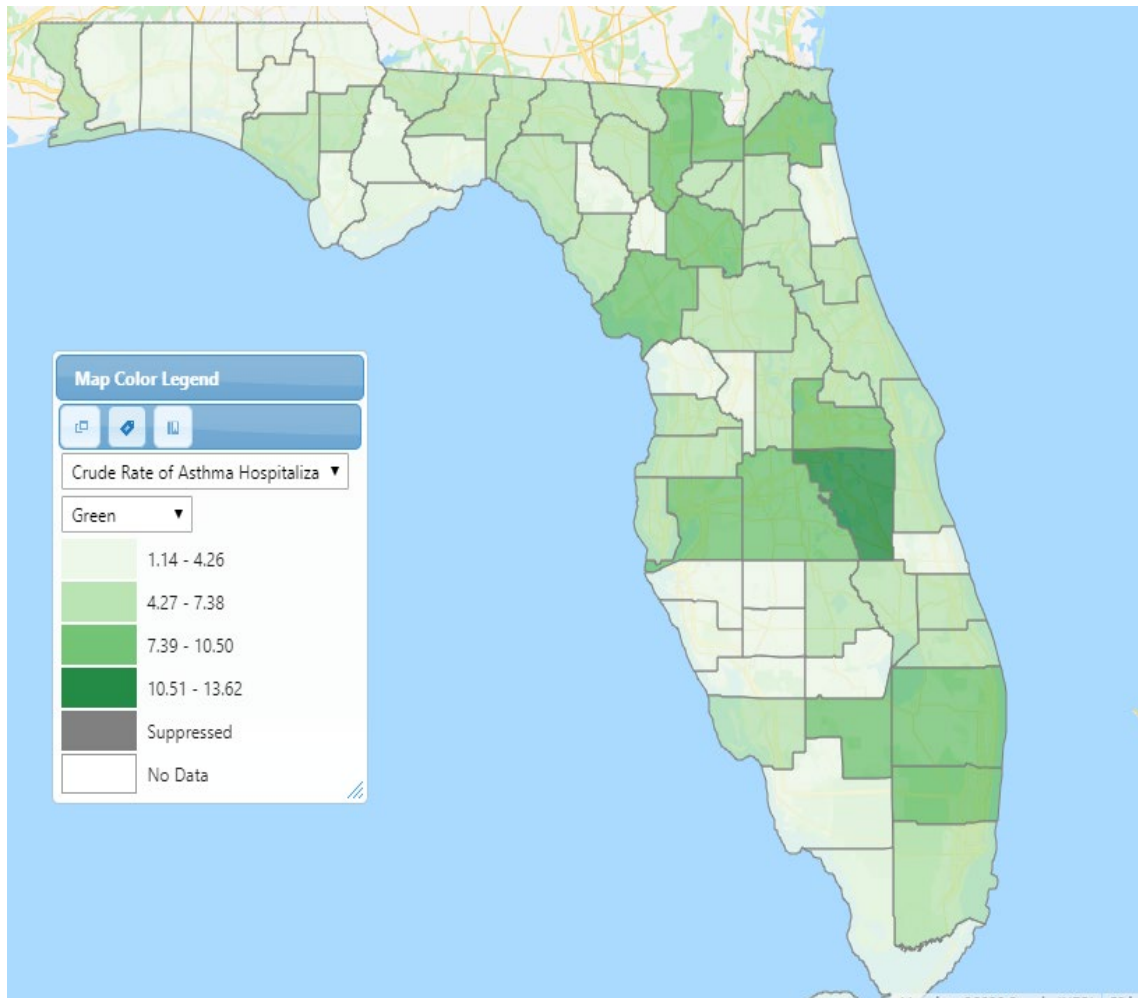
Community-wide NO<sub>2</sub> monitoring sites are required in each CBSA with a population of 1 million or more. In Florida, there are four CBSAs that meet this criterion: Miami-Fort Lauderdale-Miami Beach, Tampa-St. Petersburg-Clearwater, Orlando-Kissimmee and Jacksonville. The NO<sub>2</sub> monitors that have been designated as community-wide monitors are listed in Table 4.8 below.

▪ *Vulnerable and Susceptible Monitoring*

The 2010 NO<sub>2</sub> NAAQS revision included monitoring requirements for vulnerable and susceptible populations. Vulnerable populations are those exposed to higher concentrations of NO<sub>2</sub>, such as individuals living and working near high traffic volume highways, and this exposure will be monitored with the near-road network. Susceptible populations are those affected by lower levels of NO<sub>2</sub> or that experience a larger health impact than the general population to a given level of exposure. Per EPA’s Integrated Science Assessment for Oxides of Nitrogen-Health Criteria, factors that can confer susceptibility include pre-existing diseases (e.g., asthma).

Florida participates in the National Environmental Public Health Tracking Network supported by the U.S. Centers for Disease Control. This program examines health and environmental data to help federal, state and local agencies plan, apply and develop environmental public health actions. Higher crude rate of asthma hospitalizations has been used as an indicator of vulnerable and susceptible communities in Florida. Miami-Dade County’s NO<sub>2</sub> site, located at the University of Miami, Rosenstiel (AQS Site #12-086-0027), has been designated as a vulnerable and susceptible monitoring site for NO<sub>2</sub>. Figure 4.1 provides the most recent year of Florida’s crude rate of asthma hospitalization by county for which data are available. The full list of the NO<sub>2</sub> monitors identified by the Regional Administrators can be found on EPA’s website at <https://www3.epa.gov/ttnamti1/svpop.html>.

**Figure 4.1 2018 Florida Crude Rate of Asthma Hospitalization**



**Table 4.8 Florida's NO<sub>2</sub> Near-road Network and Monitor Designations**

<b>CBSAs with Population over 500,000</b>	<b>AQS Site #</b>	<b>Site Name</b>	<b>Designation</b>
Miami-Fort Lauderdale-Pompano Beach	12-011-0035	Fort Lauderdale Near-road	NO <sub>2</sub> Near-road
	12-011-8002	Dr. Von Mizell-Eula Johnson State Park	NO <sub>2</sub> Community-wide Monitor
	12-086-0027	Rosenstiel (University of Miami)	NO <sub>2</sub> Vulnerable and Susceptible monitor
	12-086-0035	Perimeter Road Near-road	NO <sub>2</sub> Near-road
	12-086-4002	Lab Annex	NO <sub>2</sub> Network
Tampa-St. Petersburg-Clearwater	12-057-0113	Munro Street Near-road	NO <sub>2</sub> Near-road
	12-103-0018	Azalea Park	NO <sub>2</sub> Community-wide Monitor
	12-103-0027	Sawgrass Lake Park Near-road	NO <sub>2</sub> Near-road
Orlando-Kissimmee	12-095-0009	I-4 Near-road <sup>1</sup>	NO <sub>2</sub> Near-road
	12-095-2002	Lake Isle Estates – Winter Park	NO <sub>2</sub> Community-wide Monitor
Jacksonville	12-031-0032	Kooker Park	NO <sub>2</sub> Community-wide Monitor
	12-031-0108	Pepsi Place Near-road	NO <sub>2</sub> Near-road

<sup>1</sup> Orlando-Kissimmee near-road site has an approved temporary monitoring waiver as of 7/1/2017. The site is still temporarily closed due to the ongoing road construction in the area.

## 4.8 CO MONITORING NETWORK

Florida's carbon monoxide (CO) network covers large urban areas to smaller rural areas, totaling 9 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 4.9 lists all CO monitoring stations within the state and any exceedances for calendar years 2017 to 2019.

**Table 4.9 Florida's CO Network**

AQS Site #	Site Name	Pollutant	Exceedances for 2017-2019	Comments
12-011-0034	Daniela Banu (NCore Site)	CO	0	
12-011-0035	Fort Lauderdale Near Road	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-086-4002	Lab Annex	CO	0	
12-057-0113	Munro Street	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-057-3002	Sydney (NCore Site)	CO	0	
12-103-0027	Sawgrass Lake Park	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-031-0108	Pepsi Place	CO	0	Supports Near-road NO <sub>2</sub> Monitoring
12-095-2002	Lake Isle Estates - Winter Park	CO	0	
12-129-0001	St. Marks Wildlife Refuge (NCore Site)	CO	0	

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

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

Florida's PQA currently operates 20 federal equivalent method (FEM) monitors. This network is sufficient to protect the health and welfare of Florida's residents and environment. It also provides information on how PM<sub>10</sub> particles are transported to and within the state, to identify the parts of the state with the highest concentrations, and to determine where PM<sub>10</sub> concentrations do and do not exceed the NAAQS. There is an approved siting criteria waiver for the source-oriented Woodlawn site in Pinellas County (AQS Site #: 12-103-0012), which was reevaluated in Florida's 2020 5-year Network Assessment. All of Florida's PM<sub>10</sub> monitoring sites meet the NAAQS for calendar years 2017 to 2019, as detailed in Table 4.10.

**Table 4.10 Florida's PM<sub>10</sub> Network**

AQS Site #	Site Name	Pollutant	Method: FRM/FEM	Operating Schedule	Exceedances for 2017-2019	Comments
12-009-0007	Melbourne	PM <sub>10</sub>	FEM	Continuous	0	
12-011-0034	Daniela Banu (NCore Site)	PM <sub>10</sub>	FEM	Continuous	0	
12-011-5005	Coconut Creek	PM <sub>10</sub>	FEM	Continuous	0	
12-031-0032	Kooker Park	PM <sub>10</sub>	FEM	Continuous	0	
12-031-0098	Mandarin Rd Site	PM <sub>10</sub>	FEM	Continuous	0	
12-057-0083	Gardinier Park	PM <sub>10</sub>	FEM	Continuous	0	
12-057-1035	Davis Island (Coast Guard Station)	PM <sub>10</sub>	FEM	Continuous	0	
12-071-0005	Winkler Pump Station	PM <sub>10</sub>	FEM	Continuous	0	
12-086-1016	Miami Fire Station	PM <sub>10</sub>	FEM	Continuous	0	
12-091-0002	Fort Walton Beach	PM <sub>10</sub>	FEM	Continuous	0	
12-095-2002	Lake Isle Estates - Winter Park	PM <sub>10</sub>	FEM	Continuous	0	
12-099-2005	Delray Beach	PM <sub>10</sub>	FEM	Continuous	0	
12-103-0012	Woodlawn	PM <sub>10</sub>	FEM	Continuous	0	
12-103-0018	Azalea Park	PM <sub>10</sub>	FEM	Continuous		
12-103-3004	County Motorpool	PM <sub>10</sub>	FEM	Continuous	0	
12-105-6006	Baptist Children's Home	PM <sub>10</sub>	FEM	Continuous	0	
12-107-1008	Palatka Barge Port	PM <sub>10</sub>	FEM	Continuous	0	
12-115-1006	Paw Park	PM <sub>10</sub>	FEM	Continuous	0	



12-117-1002	Seminole Community College	PM <sub>10</sub>	FEM	Continuous	0	
12-127-5002	Daytona - Blind Services	PM <sub>10</sub>	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 the 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 2017 to 2019 design values are detailed in Table 4.11 below.

**Table 4.11 Florida's Lead Source Monitoring Network**

<b>AQS Site #</b>	<b>Site Name</b>	<b>2017-2019 Design Values</b>
12-057-0100	Kenly	0.01
12-057-1066	Gulf Coast Lead	0.13
12-057-1073	Patent Scaffolding	0.07

## 5.0 GLOSSARY OF AIR MONITORING TERMS

AADT	Annual Average Daily Traffic
AAMNAG	Ambient Air Monitoring Network Assessment Guidance
AQI	Air Quality Index – EPA’s standardized method of reporting air quality information and forecast to the public.
AQS	Air Quality System – EPA’s repository of ambient air quality data.
BAM	Beta Attenuation Mass Monitor – a type of continuous PM <sub>2.5</sub> 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 <sub>2</sub> near-road technical assistance document, which weighs heavy-duty traffic 10 times more than other vehicles.
FEM	Federal Equivalence Method – method approved for comparison to NAAQS.
FRM	Federal Reference Method – method approved for comparison to NAAQS.
IMPROVE	Interagency Monitoring of Protected Visual Environments
MSA	Metropolitan Statistical Area – a "geographic entity defined by the U.S. Office of Management and Budget (OMB) for use by federal statistical agencies in collecting, tabulating, and publishing Federal statistics." A MSA consists of a core urban area of at least 50,000 people.
NAAQS	National Ambient Air Quality Standards – maximum threshold concentrations above which adverse health effects may occur. EPA established NAAQS for Criteria Pollutants based on the 1970 Clean Air Act.
NATTS	National Air Toxics Trends Stations
NCore	National Core multi-pollutant monitoring stations – a collection of monitors that integrates several advanced measurement systems for particles, pollutant gases and meteorology.
NEI	National Emissions Inventory
NO	Nitrogen oxide
NO <sub>2</sub>	Nitrogen dioxide – a by-product of incomplete combustion that is intimately involved in photochemistry and ozone formation, as well as acid rain formation.
NO <sub>x</sub>	A measure of total oxides of nitrogen, consisting primarily of nitrogen dioxide (NO <sub>2</sub> ) and nitric oxide (NO).
NO <sub>y</sub>	Total reactive nitrogen – a collective name for oxidized forms of nitrogen in the atmosphere, such as nitric oxide (NO), nitrogen dioxide (NO <sub>2</sub> ), nitric acid (HNO <sub>3</sub> ) and organic nitrates.
O <sub>3</sub>	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 <sub>2.5</sub>	Particulate Matter 2.5 micrometers in diameter and smaller.
PM <sub>10</sub>	Particulate Matter 10 micrometers in diameter and smaller.
PM <sub>10-2.5</sub>	Particle size between 10 and 2.5.
PQAO	Primary Quality Assurance Organization
PWEI	Population Weighed Emissions Index
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SLAMS	State and Local Air Monitor Stations
SO <sub>2</sub>	Sulfur dioxide
SPM	Special Purpose Monitors
STN	Speciation Trends Network
SU/SD	Set-up/ Shut-down

## 6.0 APPENDICES

### APPENDIX A: 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.

AQS #	Site Name	Parameter(s)	Site Review Date <sup>1</sup>	Issues?	Issues/Comments
12-001-3012	PAYNES PRAIRIE FARM	Ozone Continuous PM <sub>2.5</sub> (2)*	March 3, 2020	NO	N/A
12-003-0002	OSCEOLA NATIONAL FOREST – OLUSTEE RANGER STATION	Ozone	July 2, 2019	NO	N/A
12-005-0006	ST. ANDREWS STATE PARK	Ozone Continuous PM <sub>2.5</sub>	April 2, 2019	NO	N/A
12-009-0007	MELBOURNE	Ozone Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	August 13, 2019	NO	N/A
12-009-4001	COCOA BEACH	Ozone	April 9, 2019	NO	N/A
12-011-0033	VISTA VIEW PARK	Ozone Continuous PM <sub>2.5</sub>	October 29, 2019	NO	N/A
12-011-0034	DANIELA BANU (NCORE SITE)	Ozone Continuous PM <sub>10</sub> Manual PM <sub>2.5</sub> (2)* Continuous PM <sub>2.5</sub> Trace CO Trace SO <sub>2</sub> Trace NO <sub>y</sub> Supplemental PM <sub>2.5</sub> Speciation Elemental Carbon/ Organic Carbon PMCoarse Toxics Meteorology	August 19, 2019	NO	N/A
12-011-0035	FORT LAUDERDALE NEAR ROAD	NO <sub>2</sub> Trace CO Continuous PM <sub>2.5</sub> Black Carbon Ultrafine Particulate	May 28, 2019	NO	N/A
12-011-2003	POMPANO HIGHLAND FIRE HOUSE	Ozone Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	July 8, 2019	NO	N/A
12-011-5005	COCONUT CREEK	Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	December 3, 2019	NO	N/A
12-011-8002	DR. VON D. MIZELL-EULA JOHNSON STATE PARK	Ozone NO <sub>2</sub>	January 7, 2020	NO	N/A
12-017-0006	CRYSTAL RIVER PRESERVE	SO <sub>2</sub> Continuous PM <sub>2.5</sub>	June 4, 2019	NO	N/A
12-021-0004	LAUREL OAK ELEMENTARY	Ozone Continuous PM <sub>2.5</sub>	January 8, 2020	NO	N/A

AQS #	Site Name	Parameter(s)	Site Review Date <sup>1</sup>	Issues?	Issues/Comments
12-023-0002	LAKE CITY - VETERANS DOMICILE	Ozone Continuous PM <sub>2.5</sub>	April 2, 2019	NO	N/A
12-031-0032	KOOKER PARK	SO <sub>2</sub> NO <sub>2</sub> Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	January 22, 2020	NO	N/A
12-031-0077	SHEFFIELD ELEMENTARY	Ozone Continuous PM <sub>2.5</sub>	May 7, 2019	NO	N/A
12-031-0081	CEDAR BAY STP	SO <sub>2</sub>	July 23, 2019	NO	N/A
12-031-0098	MANDARIN RD SITE	Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	January 21, 2020	NO	N/A
12-031-0099	SUNNY ACRES	Manual PM <sub>2.5</sub> (2)*	July 22, 2019	NO	N/A
12-031-0100	MAYO CLINIC	Ozone Continuous PM <sub>2.5</sub>	October 3, 2019	NO	N/A
12-031-0106	CISCO DRIVE	Ozone	November 12, 2019	NO	N/A
12-031-0108	PEPSI PLACE	NO <sub>2</sub> CO Continuous PM <sub>2.5</sub>	May 8, 2019	NO	N/A
12-033-0004	ELLYSON INDUSTRIAL PARK	Ozone SO <sub>2</sub> Continuous PM <sub>2.5</sub>	January 22, 2020	NO	N/A
12-033-0018	PENSACOLA NAS	Ozone	July 30, 2019	NO	N/A
12-035-0004	FLAGLER	Ozone	August 12, 2019	NO	N/A
12-047-0015	WHITE SPRINGS	SO <sub>2</sub> Continuous PM <sub>2.5</sub>	January 13, 2020	NO	N/A
12-055-0003	ARCHBOLD BIOLOGICAL STATION	Ozone	January 7, 2020	NO	N/A
12-057-0081	E.G. SIMMONS PARK	Ozone	November 19, 2019	NO	N/A
12-057-0083	GARDINIER PARK	Continuous PM <sub>10</sub>	April 16, 2019	NO	N/A
12-057-0100	KENLY	Pb	October 8, 2019	NO	N/A
12-057-0109	EAST BAY	SO <sub>2</sub>	January 14, 2020	NO	N/A
12-057-0112	APOLLO BEACH	SO <sub>2</sub> Continuous PM <sub>2.5</sub>	January 15, 2020	NO	N/A
12-057-0113	MUNRO STREET	NO <sub>2</sub> CO Continuous PM <sub>2.5</sub> Black Carbon Ultrafine Particulate	June 18, 2019	NO	N/A
12-057-1035	DAVIS ISLAND (COAST GUARD STATION)	Ozone SO <sub>2</sub> Continuous PM <sub>10</sub>	July 17, 2019	NO	N/A
12-057-1065	USMC RESERVE CENTER	Ozone Continuous PM <sub>2.5</sub>	April 17, 2019	NO	N/A
12-057-1066	GULF COAST LEAD	Pb (2)*	April 18, 2019	NO	N/A
12-057-1073	PATENT SCAFFOLDING	Pb	July 16, 2019	NO	N/A
12-057-3002	SYDNEY (NCORE SITE)	Ozone NO <sub>y</sub> Trace SO <sub>2</sub>	February 5, 2020	NO	N/A

AQS #	Site Name	Parameter(s)	Site Review Date <sup>1</sup>	Issues?	Issues/Comments
		Trace CO Continuous PM <sub>2.5</sub> Manual PM <sub>2.5</sub> (2)* Supplemental PM <sub>2.5</sub> Speciation Elemental Carbon/ Organic Carbon Toxics PMCoarse Meteorology			
12-059-0004	BONIFAY TRI-COUNTY AIRPORT	Ozone Continuous PM <sub>2.5</sub>	October 29, 2019	NO	N/A
12-069-0002	CLERMONT	Ozone	October 15, 2019	NO	N/A
12-071-0005	WINKLER PUMP STATION	Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	January 8, 2020	NO	N/A
12-071-2002	ROTARY PARK	Ozone	July 17, 2019	NO	N/A
12-071-3002	BAY OAKS PARK	Ozone	July 16, 2019	NO	N/A
12-073-0012	TALLAHASSEE COMMUNITY COLLEGE	Ozone Manual PM <sub>2.5</sub> (2)* Continuous PM <sub>2.5</sub> Supplemental PM <sub>2.5</sub> Speciation Elemental Carbon/ Organic Carbon Meteorology	June 10, 2019	NO	N/A
12-081-0028	PORT MANATEE DEP	SO <sub>2</sub>	May 8, 2019	NO	N/A
12-081-3002	PORT MANATEE	Ozone	September 9, 2019	NO	N/A
12-081-4012	GT BRAY PARK	Ozone	September 10, 2019	NO	N/A
12-081-4013	39TH STREET PARK	Ozone	September 10, 2019	NO	N/A
12-083-0003	OCALA - YMCA	Ozone Continuous PM <sub>2.5</sub>	June 5, 2019	NO	N/A
12-083-0004	MARION COUNTY SHERIFF	Ozone	November 5, 2019	NO	N/A
12-085-0007	STUART	Ozone Continuous PM <sub>2.5</sub>	February 5, 2019	NO	N/A
12-086-0019	PENNSUCO	SO <sub>2</sub>	February 12, 2020	NO	N/A
12-086-0027	ROSENSTIEL (UNIVERSITY OF MIAM)	Ozone NO <sub>2</sub>	August 6, 2019	NO	N/A
12-086-0029	PERDUE	Ozone	April 30, 2019	No	
12-086-0033	PALM SPRINGS FIRE STATION	Manual PM <sub>2.5</sub>	February 10, 2020	NO	N/A
12-086-0034	KENDALL	Continuous PM <sub>2.5</sub>	February 11, 2020	NO	N/A
12-086-0035	PERIMETER ROAD	NO <sub>2</sub>	May 2, 2019	NO	N/A
12-086-1016	MIAMI FIRE STATION	Manual PM <sub>2.5</sub> Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	August 5, 2019	NO	N/A

AQS #	Site Name	Parameter(s)	Site Review Date <sup>1</sup>	Issues?	Issues/Comments
12-086-4002	LAB ANNEX	NO <sub>2</sub> CO	November 14, 2019	NO	N/A
12-086-6001	HOMESTEAD FIRE STATION	Continuous PM <sub>2.5</sub>	November 6, 2019	NO	N/A
12-089-0005	FERNANDINA BEACH WASTE-WATER TREATMENT PLANT (FBWWTP)	SO <sub>2</sub>	April 3, 2019	NO	N/A
12-089-0010	YULEE	Continuous PM <sub>2.5</sub>	October 1, 2019	NO	N/A
12-091-0002	FORT WALTON BEACH	Ozone Continuous PM <sub>10</sub>	October 28, 2019	NO	N/A
12-095-0008	WINEGARD ELEMENTARY SCHOOL	Ozone	February 27, 2019	NO	N/A
12-095-0009	I-4 NEAR ROAD	NO <sub>2</sub> CO Continuous PM <sub>2.5</sub>	March 15, 2017	YES	The siting criteria is not currently being met due to construction. However, a temporary monitoring waiver was granted from EPA. Site has been temporarily closed since July 1, 2017.
12-095-2002	LAKE ISLE ESTATES - WINTER PARK	Ozone NO <sub>2</sub> SO <sub>2</sub> CO Continuous PM <sub>10</sub> Continuous PM <sub>2.5</sub>	February 26, 2020	NO	N/A
12-097-2002	OSCEOLA COUNTY FIRE STATION - FOUR CORNERS	Ozone	November 1, 2019	NO	N/A
12-099-0008	BELLE GLADE	Continuous PM <sub>2.5</sub>	June 3, 2019	NO	N/A
12-099-0021	LANTANA PRESERVE	Ozone	June 4, 2019	NO	N/A
12-099-0022	LAMSTIEN LANE	Ozone Continuous PM <sub>2.5</sub> (2)*	November 19, 2019	NO	N/A
12-099-2005	DELRAY BEACH	Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	November 20, 2019	NO	N/A
12-101-0005	SAN ANTONIO	Ozone	May 9, 2019	NO	N/A
12-101-2001	HOLIDAY	Ozone	November 20, 2019	NO	N/A
12-103-0004	ST. PETERSBURG COLLEGE	Ozone Continuous PM <sub>2.5</sub>	January 28, 2020	NO	N/A
12-103-0012	WOODLAWN	Continuous PM <sub>10</sub>	July 10, 2019	YES	Permanent siting waiver granted by EPA in 2016-2017 Network Plan
12-103-0018	AZALEA PARK	Ozone NO <sub>2</sub> Continuous PM <sub>10</sub> Continuous PM <sub>2.5</sub> Toxics	July 10, 2019	NO	N/A

AQS #	Site Name	Parameter(s)	Site Review Date <sup>1</sup>	Issues?	Issues/Comments
12-103-0023	DERBY LANE	SO <sub>2</sub>	October 23, 2019	NO	N/A
12-103-0027	SAWGRASS LAKE PARK	NO <sub>2</sub> CO Black Carbon	June 26, 2019	NO	N/A
12-103-3004	COUNTY MOTORPOOL	Continuous PM <sub>10</sub>	October 23, 2019	NO	N/A
12-103-5002	JOHN CHESTNUT SR. PARK - EAST LAKE	Ozone Continuous PM <sub>2.5</sub>	October 23, 2019	NO	N/A
12-103-5003	OAKWOOD	SO <sub>2</sub>	April 2, 2019	NO	N/A
12-105-6005	SIKES ELEMENTARY SCHOOL	Ozone SO <sub>2</sub>	October 23, 2019	NO	N/A
12-105-6006	BAPTIST CHILDRENS HOME	Ozone Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	February 11, 2020	NO	N/A
12-107-1008	PALATKA BARGE PORT	SO <sub>2</sub> Continuous PM <sub>10</sub>	March 5, 2020	NO	N/A
12-111-0013	SAVANNAS	Ozone	April 25, 2019	NO	N/A
12-113-0015	WOODLAWN BEACH MIDDLE SCHOOL	Ozone Continuous PM <sub>2.5</sub>	January 22, 2020	NO	N/A
12-115-0013	BEE RIDGE PARK	Continuous PM <sub>2.5</sub>	April 15, 2019	NO	N/A
12-115-1005	LIDO PARK	Ozone	October 9, 2019	NO	N/A
12-115-1006	PAW PARK	Ozone NO <sub>2</sub> Continuous PM <sub>10</sub>	October 8, 2019	NO	N/A
12-115-2002	JACKSON ROAD	Ozone Continuous PM <sub>2.5</sub>	April 16, 2019	NO	N/A
12-117-1002	SANFORD	Ozone Manual PM <sub>2.5</sub> Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	April 10, 2019	NO	N/A
12-127-5002	DAYTONA - BLIND SERVICES	Ozone Continuous PM <sub>2.5</sub> Continuous PM <sub>10</sub>	August 13, 2019	NO	N/A
12-129-0001	ST. MARKS WILDLIFE REFUGE (NCORE SITE)	Ozone NO <sub>y</sub> Trace SO <sub>2</sub> Trace CO Continuous PM <sub>2.5</sub> Meteorology	February 17, 2020	NO	N/A

<sup>1</sup>Includes site reviews conducted as of March 5, 2020.

\*Primary and collocated monitor.



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

Florida's air monitoring network, including changes expected through June 30, 2020, is described in Appendix B. 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
			SPM	PM <sub>2.5</sub>	3	Continuous	MET One BAM 1020	POP EXP	NBH	TRENDS MONITORING		SU 1/28/2009
12-011-0034	Daniela Banu (NCore Site)	5300 S. Pine Island Rd., Davie, FL 33328; 26.0538889, -80.2569444	SLAMS	CO	1	Continuous	Thermo 48C-TLE	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level;
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i-TLE	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne 640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/2019; FEM
			SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2015
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 09/1/2019; FEM
			SLAMS	PMCoarse	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 10/1/2019
			SLAMS	NO <sub>y</sub>	1	Continuous	Thermo 42i-Y	POP EXP	NBH	NEEDED BY REGULATION		SU 7/1/2015; Trace Level
			SLAMS	SPEC. PM <sub>2.5</sub>	5	Every 6th Day	MET ONE SASS	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			CSN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	NBH	TRENDS MONITORING		SU 1/1/2015
			NON-REG	Toxics		Every 6th Day	A TEC 2200	POP EXP	NBH	BASELINE MONITORING		SU 11/1/2015
			NON-REG	Meteorology		Continuous	RM Yound Wind Speed/ Wind Direction	POP EXP	NBH	SUPPORT NCore NETWORK	ADD	SU 01/1/2020
			NON-REG	Meteorology		Continuous	RM Young T/ RH Sensor	POP EXP	NBH	SUPPORT NCore NETWORK	ADD	SU 01/1/2020
12-011-0035	Fort Lauderdale Near Road	799 N I-95, Ft. Lauderdale, FL 33311; 26.131256, -80.167847	SLAMS	CO	1	Continuous	Thermo 48i-TLE	POP EXP	URBAN	NEEDED BY REGULATION		SU 8/1/2015; Trace level
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200UP	POP EXP	URBAN	NEEDED BY REGULATION		SU 8/1/2015; Near-road Site
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne 640	POP EXP	URBAN	NEEDED BY REGULATION	REPLACEMENT	SU 8/1/2015; FEM 5014i Replaced: 04/01/2020 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		SU 3/15/2017
			SLAMS	WD/WS	1	Continuous	RM Young 8100	POP EXP	URBAN	NEEDED BY REGULATION	ADD	SU EXPECTED 07/01/2020
12-011-2003	Pompano Highland Fire House	1951 NE 48th Street, Pompano Beach, FL 33060; 26.290765, -80.096665	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	RELIED ON FOR SPATIAL COVERAGE		SU 1/1/1989
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	INTERPOLATION		SU 4/1/2019; FEM
12-011-5005	Coconut Creek	5005 Winston Park Blvd, Coconut Creek, FL 33073; 26.294167, -80.176389	SLAMS	PM <sub>10</sub>	1	Continuous	MET One eBAMS+	POP EXP	NBH	SOURCE MONITORING		SU 1/1/2018; FEM
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2019; FEM
12-011-8002	Dr. Von Mizell-Eula Johnson State Park	7000 N. Ocean Dr., Dania, FL 33004; 26.087198, -80.111415	SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	POP EXP	NBH	COMM-WIDE MONITORING		SU 7/8/1990
			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	SO <sub>2</sub>	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 8/18/1987
12-086-0027	Rosenstiel (University of Miami)	4600 Rickenbacker Causeway, Miami, FL 33149; 25.732500, -80.161944	SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200	POP EXP/ UPWIND BKGD	NBH	VULNERABLE AND SUSCEPTIBLE MONITORING		SU 1/30/1985
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP/ UPWIND BKGD	NBH	NEEDED BY REGULATION		SU 3/7/1984
12-086-0029	Perdue	19590 Old Cutler Rd, Cutler Ridge, FL 33157; 25.586944, -80.326111	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI		SU 5/1/1985
12-086-0033	Palm Springs Fire Station	7700 NW 186th St, Palm Springs, FL 33015; 25.9419444, -80.3263889	SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	MONITORING GROWTH IMPACT		SU 5/4/2005
12-086-0034	Kendall	9015 SW 127th Ave, Miami, FL 33186; 25.683330, -80.399722	SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	MIDDLE	USED FOR AQI		SU 7/1/2018
12-086-0035	Perimeter Road	5600 Perimeter Road, Miami, FL 33126; 25.7854722, -80.2842055	SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200UP	SOURCE	MICRO	NEEDED BY REGULATION		SU 1/11/2016; Near-road Site
12-086-1016	Miami Fire Station	1200 NW 20th St, Miami, FL 33142; 25.794722, -80.215556	SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	HI CONC	NBH	QA COLLOCATION		SU 2/4/1999; Collocated monitor
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 4/1/2018; FEM
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		SU 1/1/1976
			SLAMS	NO <sub>2</sub>	2	Continuous	Teledyne T200	HI CONC	NBH	ASSIST IN FORCASTING		SU 1/1/1984
12-086-6001	Homestead Fire Station	325 NW 2nd St, Homestead, FL 33030; 25.471944, -80.482778	SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	REPLACED BY FEM	SU 1/27/1999; SD EXPECTED 2020
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1400AB	POP EXP	NBH	USED FOR AQI	REPLACED BY FEM	SU 2/10/2004; SD EXPECTED 2020
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 2020 ; FEM
Palm Beach County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-099-0021	Lantana Preserve	968 N 8th St, Lantana, FL 33462; 26.5938083, -80.0584917	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION		SU 2/2/2015
12-099-0022	Lamstein Lane	Lamstein Ln, Royal Palm Beach, FL 33411; 26.687606, -80.219619	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/15/2019; Relocation from 099-0009
			SLAMS	PM <sub>2.5</sub>	1	Continuous	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	NON-REG	PM <sub>2.5</sub>	3	Continuous	MET One BAM 1020	POP EXP	NBH	USED FOR AQI		SU 5/1/2009; FEM
12-099-2005	Delray Beach	225 S. Congress Ave, Delray Beach, FL 33445; 26.456944, -80.092778	SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	REPLACED BY FEM	SU 5/31/2001; SD EXPECTED 2020
			SLAMS	PM <sub>10</sub>	3	Continuous	MET One BAM 1020	POP EXP	NBH	NEEDED BY REGULATION	REPLACED BY ALTERNATE FEM	SU 02/03/2015; SD EXPECTED 2020
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 2020; FEM
			SLAMS	PM <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION	ADD	SU EXPECTED 2020 ; 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

Appendix C: Ambient Air Monitoring Network Description 2020

Hillsborough County											
12-057-0112	Apollo Beach	6506 Dolphin Cove Dr, Apollo Beach, FL 33572; 27.779712, -82.419835	SPM	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	MICRO	NEEDED BY REGULATION	SU 1/1/2016
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	SOURCE	MICRO	NEEDED BY REGULATION	SU 1/1/2016
12-057-0113	Munro Street	1497 N. Munro Street, Tampa, FL 33607; 27.955550, -82.467140	SLAMS	CO	1	Continuous	Teledyne T300U	SOURCE	MICRO	NEEDED BY REGULATION	SU 2/1/2016; Relocation from 057-1111
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T200UP	SOURCE	MICRO	NEEDED BY REGULATION	SU 2/1/2016; Near-road Site; Relocation from 057-1111
			SLAMS	PM <sub>2.5</sub>	1	Continuous	Teledyne T640	SOURCE	MICRO	NEEDED BY REGULATION	SU 6/26/2019
			SPM	BC	1	Continuous	Teledyne API 633	POPULATION EXPOSURE	MICRO	TRENDS MONITORING	SU 2/1/2016
			SLAMS	UFP	1	Continuous	Teledyne API 651	SOURCE	MICRO	NEEDED BY REGULATION	SU 2/1/2016
12-057-0081	E.G. Simmons Park	2401 19th Avenue Northwest, Ruskin, FL 33570; 27.740033, -82.465146	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	USED FOR AQI	SU 6/14/1978
12-057-0083	Gardinier Park	6501 Riverview Dr., Riverview, FL 33578; 27.864192, -82.384259	SPM	PM <sub>10</sub>	3	Continuous	Thermo 1405	SOURCE	MIDDLE	SOURCE MONITORING	SU 4/1/1995
12-057-0100	Kenly	2909 N 66th St, Tampa, FL 33619; 27.970328, -82.380050	SPM	Pb	1	Every 6th Day	Hi-Vol	SOURCE	MIDDLE	SOURCE MONITORING	SU 4/1/2010
12-057-0109	East Bay	9849 Highway 41 S., Gibsonton, FL 33534; 27.854176, -82.383728	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING	RELOCATION SU 11/13/1996; Relocated on existing property 01/2020
12-057-1035	Davis Island (Coast Guard Station)	155 Columbia Dr., Tampa, FL 33606; 27.928356, -82.454539	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 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 <sub>10</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION/USED FOR AQI	SU 12/1/1985
			SLAMS	Ozone	1	Continuous	Thermo 49iQ	POP EXP	NBH	NEEDED BY REGULATION	SU 1/19/2019
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	HI CONC	NBH	USED FOR AQI	SU 1/1/2004
12-057-1066	Gulf Coast Lead	1700 N. 66th St., Tampa, FL 33629; 27.960148, -82.381873	SLAMS	Pb	1	Every 6th Day	ANDERSEN 2000	SOURCE	MIDDLE	SOURCE MONITORING	SU 1/1/2009
			SLAMS	Pb	2	Every 12th Day	ANDERSEN 2000	SOURCE	MIDDLE	SOURCE MONITORING	SU 1/1/2009
12-057-1073	Patent Scaffolding	6811 E. 14th Avenue, Tampa, FL 33619; 27.96483, -82.37921	SPM	Pb	1	Every 6th Day	Tisch Hi-Vol	SOURCE	MIDDLE	SOURCE MONITORING	SU 1/1/2009
12-057-3002	Sydney (NCore Site)	1167 N. Dover Rd., Dover, FL 33527; 27.965650, -82.230400	SLAMS	CO	2	Continuous	Thermo 48i-TLE	POP EXP	URBAN	NEEDED BY REGULATION	SU 10/1/2005; Trace level
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i-TLE	POP EXP	URBAN	NEEDED BY REGULATION	SU 1/1/2004; Trace Level
			SLAMS	NO <sub>y</sub>	1	Continuous	Thermo 42i-Y	POP EXP	URBAN	NEEDED BY REGULATION	SU 1/1/2004
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	NEEDED BY REGULATION	SU 1/1/2004
			SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION	SU 1/1/2004
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo/R&P 2025	POP EXP	URBAN	QA COLLOCATION	SU 1/26/2010; Collocated monitor
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Thermo 5014i	POP EXP	URBAN	USED FOR AQI	SU 2/14/2014; FEM
			SLAMS	PMCoarse	1	Every 3rd Day	Thermo 2025i	POP EXP	URBAN	NEEDED BY REGULATION	SU 1/1/2004
			STN	EC/OC		Every 3rd Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING	SU 1/1/2007
			STN	SPEC. PM <sub>2.5</sub>		Every 3rd Day	METONE 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

Appendix C: Ambient Air Monitoring Network Description 2020

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 400E	HI CONC	URBAN	NEEDED BY REGULATION		SU 7/1/1978
			SLAMS	PM <sub>2.5</sub>	1	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 3/20/2019
12-103-0012	Woodlawn	1313 19th St. N., St. Petersburg, FL 33713; 27.784749, -82.659265	SLAMS	PM <sub>10</sub>	1	Continuous	eBAM Plus	HI CONC	NBH	SOURCE MONITORING		SU 1/1/2019; FEM
12-103-0018	Azalea Park	7200-22 Ave N., St. Petersburg, FL 33701; 27.785866, -82.739875	SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	HI CONC/ POP EXP	NBH	COMM-WIDE MONITORING		SU 1/1/1978
			SLAMS	Ozone	1	Continuous	API T400E	POP EXP	NBH	USED FOR AQI		SU 4/6/1978
			SLAMS	PM <sub>10</sub>	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
			NON-REG	Toxics		Every 6th Day		POP EXP	NBH	BASELINE MONITORING		SU 1/1/2001
12-103-0023	Derby Lane	10100 San Martin Rd., St. Petersburg, FL 33702; 27.863635, -82.623153	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	POP EXP	NBH	TRENDS MONITORING		SU 1/14/1979
12-103-0026	Skyview	8601 60th Street N., Pinellas Park, FL 33702; 27.850041, -82.714590	NATTS	BC	1	Continuous	Teledyne API 633	POP EXP	NBH	BASELINE MONITORING		SU 5/20/2016
			NATTS	Toxics		Every 6th Day		POP EXP	NBH	BASELINE MONITORING		SU 05/20/2016
12-103-0027	Sawgrass Lake Park	6853 25th Street N., St. Petersburg, FL 33702; 27.834409, -82.665251	SLAMS	CO	1	Continuous	Teledyne T300U	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 5/20/2016
			SLAMS	NO <sub>2</sub>	1	Continuous	Teledyne T500U	SOURCE	MICRO	NEEDED BY REGULATION		SU 05/20/2016; Near-road Site
			SPM	BC	1	Continuous	Teledyne API 633	SOURCE	MICRO	SUPPORT NEAR-ROAD		SU 05/20/2016
12-103-3004	County Motorpool	1301 Ulmerton Rd., Largo, FL 33771; 27.895856, -82.774546	SLAMS	PM <sub>10</sub>	3	Continuous	eBAM Plus	HI CONC	MIDDLE	TRENDS MONITORING		SU 1/1/2019
12-103-5002	John Chesnut Sr. Park - East Lake	2200 East Lake Rd., Palm Harbor, FL 34685; 28.090299, -82.700707	SLAMS	Ozone	1	Continuous	Teledyne 400E	POP EXP	URBAN	USED FOR AQI		SU 1/1/1977
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/5/2007
12-103-5003	Oakwood	40671 US 19 N., Tarpon Springs, FL 34689; 28.141667, -82.739722	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	TRENDS MONITORING		SU 9/18/1998

**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	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND	ADD	SU 02/2020
Duval County												
12-031-0032	Kooker Park	2900 Bennett St., Jacksonville, FL 32206; 30.355856, -81.635581	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	TRENDS MONITORING		SU 1/1/1974
			SLAMS	NO <sub>2</sub>	2	Continuous	Thermo 42i	HI CONC	NBH	COMM-WIDE MONITORING		SU 1/6/1975
			SLAMS	PM <sub>10</sub>	1	Continuous	Thermo 1405	HI CONC	NBH	NEEDED BY REGULATION		SU 2/1/2008
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	COMM RESPONSE		SU 7/1/2018
12-031-0077	Sheffield Elementary	13333 Lanier Rd., Jacksonville, FL 32226; 30.477275, -81.587167	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1979
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 9/1/2008
12-031-0081	Cedar Bay STP	1080 Cedar Bay Rd., Jacksonville, FL 32218; 30.431222, -81.631627	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	MIDDLE	SOURCE MONITORING		SU 1/1/1978
12-031-0098	Mandarin Rd	14932 Mandarin Rd, Jacksonville, FL 32223; 30.135869, -81.634094	SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 9/01/2019; FEM
			SLAMS	PM <sub>10</sub>	1	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/1/2019; FEM
12-031-0099	Sunny Acres	9429 Merrill Rd., Jacksonville, FL 32225; 30.354614, -81.547789	SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION	REPLACED BY FEM	SU 6/1/1999; Expected Replacement by FEM 10/2020
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION	REPLACED BY FEM	SU 6/1/1999; Collocated monitor; Expected Replacement by FEM 10/2020
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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI		SU 1/1/2004
12-031-0106	Cisco Drive	4770 Cisco Dr., Jacksonville, FL 32219; 30.378217, -81.840900	SPM	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	USED FOR AQI		SU 9/28/2009
12-031-0108	Pepsi Place	5895 Pepsi Place, Jacksonville, FL 32319; 30.262730, -81.606826	SLAMS	CO	1	Continuous	Thermo 48i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014
			SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 1/1/2014; Near-road Site
			SLAMS	PM <sub>2.5</sub>	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 <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	NEEDED BY REGULATION		SU 1/1/1976
12-089-0010	Yulee	96160 Nassau Place, Yulee, FL 32097; 30.626950, -81.535807	SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	REGIONAL BACKGROUND	SHUT DOWN	SU 12/21/2012. SD 02/2020

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 <sub>2</sub>	1	Continuous	Thermo 42i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 7/1/2016; Near-road Site; Temporarily Closed
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Thermo 5014i	SOURCE	MIDDLE	NEEDED BY REGULATION		SU 2/1/2017; FEM; Near-road Site; Temporarily Closed
12-095-0008	Winegard Elementary School	7055 Winegard Rd., Orlando, FL 32809; 28.454450, -81.381181	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION	SHUT DOWN	SU 9/1/1988; SD 01/2020
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	ADD	SU 3/5/2020
12-095-2002	Lake Isle Estates - Winter Park	213 S. Denning Ave, Winter Park, FL 32789; 28.596389, -81.362500	SPM	CO	1	Continuous	Thermo 48i	POP EXP	NBH	TRENDS MONITORING	RELOCATION	SU 3/23/1978; Relocation Expected: End 2020
			SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS	RELOCATION	SU 1/1/1976; Relocation Expected: End 2020
			SLAMS	NO <sub>2</sub>	1	Continuous	Thermo 42i	POP EXP	URBAN	COMM-WIDE MONITORING	RELOCATION	SU 1/1/1981; Relocation Expected: End 2020
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION	RELOCATION	SU 1/1/1976; Relocation Expected: End 2020
			SLAMS	PM <sub>10</sub>	1	Continuous	Thermo 5014i	POP EXP	NBH	NEEDED BY REGULATION	RELOCATION	SU 01/24/2015; Relocation Expected: End 2020
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Thermo 5014i	POP EXP	NBH	NEEDED BY REGULATION	RELOCATION	SU 10/1/2016; FEM; Relocation Expected: End 2020
Osceola County												
12-097-2002	Osceola Co. Fire Station - Four Corners	8706 W Irlo Bronson Memorial Hwy (SR 192), Kissimmee, FL 34747; 28.347509, -81.636464	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	URBAN SPRAWL		SU 9/1/1993
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 <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 12/22/2000
			SLAMS	PM <sub>2.5</sub>	1	Every 12th Day	Thermo/R&P 2025	POP EXP	NBH	MONITORING EXT COUNTY OF LARGE MET STAT AREA		SU 1/7/1999; Collocated monitor
			SLAMS	PM <sub>2.5</sub>	4	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM

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 202	POP EXP	NBH	USED FOR AQI		SU 2/1/1999; SD 5/31/2008; SU 6/10/2009
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 <sub>2</sub>	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 <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM
12-115-1005	Lido Park	190 Taft Dr., Sarasota, FL 34236; 27.309995, -82.569689	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 9/5/1989
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 10/1/1999
			SLAMS	PM <sub>10</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 9/19/2003; FEM
12-115-2002	Jackson Road	250 S. Jackson Rd., Venice, FL 34292; 27.089194, -82.362583	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	USED FOR AQI		SU 9/1/2003
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	TRENDS MONITORING		SU 4/1/2009
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 <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 2/22/2001
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018
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
12-071-3002	Bay Oaks Park	2731 Oak Street, Ft. Myers Beach, FL 33931; 26.449247, -81.939256	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC/ POP EXP	URBAN	NEEDED BY REGULATION		SU 12/1/1995
METROPOLITAN STATISTICAL AREA: LAKELAND (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 <sub>2</sub>	1	Continuous	Thermo 43i	HI CONC	URBAN	NEEDED BY REGULATION		SU 9/16/2013
			SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 6/18/1992
12-105-6006	Baptist Children's Home	1015 Sikes Blvd, Lakeland, FL 33815; 28.028889, -81.972222	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 6/17/1992
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 10/23/2007
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2018; FEM



**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**

12-127-0002	Daytona - Blind Services	1185-A Dunn Ave, Daytona Beach, FL 32114; 29.206667, -81.052500	SLAMS	Ozone	1	Continuous	Thermo 49i	HI CONC	URBAN	NEEDED BY REGULATION		SU 1/1/1992
			SLAMS	PM <sub>10</sub>	2	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 6/26/1998
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	URBAN	NEEDED BY REGULATION		SU 1/1/2018

**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 <sub>10</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640X	POP EXP	NBH	NEEDED BY REGULATION		SU 7/9/2019; FEM
12-009-0001	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 <sub>2</sub>	1	Continuous	Thermo 43i	POP EXP	NBH	FOR EFFECTIVENESS OF NEW REGULATIONS		SU 1/1/1976
			SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1975
			SLAMS	PM <sub>2.5</sub>	3	Continuous	Teledyne T640	HI CONC	NBH	NEEDED BY REGULATION		SU 7/1//2019; FEM
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 <sub>2.5</sub>	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 <sub>2.5</sub>	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
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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 49i	HI CONC	NBH	NEEDED BY REGULATION		SU 6/13/1998
			SLAMS	PM <sub>2.5</sub>	1	Every 3rd Day	Thermo 2025i	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/1999
			SLAMS	PM <sub>2.5</sub>	2	Every 12th Day	Thermo 2025i	POP EXP	NBH	QA COLLOCATION		SU 10/1/2004; Collocated monitor
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	NEEDED BY REGULATION		SU 7/14/2003
			STN	EC/OC		Every 6th Day	URG 3000N	POP EXP	URBAN	BASELINE MONITORING		SU 10/4/2009
			STN	SPEC. PM <sub>2.5</sub>		Every 6th Day	METONE SASS	POP EXP	URBAN	TRENDS MONITORING		SU 10/4/2009
				Meteorology		Continuous		POP EXP	URBAN	SUPPORT SASS NETWORK		SU 6/13/1998
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 <sub>2</sub>	3	Continuous	Teledyne T100U	BKGD	URBAN	RURAL NCORE		SU 1/1/2015; Trace Level
			SLAMS	NOy	1	Continuous	Teledyne T200U	BKGD	URBAN	RURAL NCORE		SU 1/1/2015
			SLAMS	Ozone	1	Continuous	Thermo 49i	REGIONAL TRANSPORT	URBAN	NEEDED BY REGULATION		SU 4/13/2001
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	BKGD	URBAN	RURAL NCORE		SU 1/1/2015
				Meteorology		Continuous		BKGD	URBAN	SUPPORT NCORE NETWORK		SU 4/13/2001
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	SPM	Ozone	1	Continuous	Thermo 49i	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 9/26/2001
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	MONITORING GROWTH IMPACT		SU 3/2/2005
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 <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 11/27/2007
12-083-0004	Marion County Sheriff	692 NW 30th Ave, Ocala, FL 34475; 29.192754, -82.173149	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	NEEDED BY REGULATION		SU 11/8/2000
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 <sub>2.5</sub>	3	Continuous	Teledyne T640	POP EXP	NBH	NEEDED BY REGULATION		SU 1/1/2019; FEM
			SLAMS	PM <sub>2.5</sub>	4	Continuous	Teledyne T640	POP EXP	NBH	QA COLLOCATION		SU 1/1/2019; FEM; Collocated Monitor
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		SU 12/4/2008
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP	URBAN	USED FOR AQI		SU 1/30/2013

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 <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	USED FOR AQI		SU 2/27/2009
METROPOLITAN STATISTICAL AREA - SEBRING (HIGHLANDS COUNTY)												
Highlands County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-055-0003	Archbold Biological Station	123 Main Dr., Venus, FL 33960; 27.189215, -81.340350	SPM	Ozone	1	Continuous	Thermo 49i	HI CONC/ GEN BKGD	REGIONAL	REGIONAL BACKGROUND		SU 6/14/2001
MICROPOLITAN STATISTICAL AREA: PALATKA (PUTNAM COUNTY)												
Putnam County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-107-1008	Palatka Barge Port	188 Comfort Rd., Palatka, FL 32177; 29.687748, -81.656509	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	SOURCE MONITORING		SU 8/15/1991
			SLAMS	PM <sub>10</sub>	3	Continuous	Thermo 1405	POP EXP/ SOURCE	NBH	SOURCE MONITORING		SU 12/13/2002
MICROPOLITAN STATISTICAL AREA: LAKE CITY (COLUMBIA COUNTY)												
Columbia County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-023-0002	Lake City - Veterans Domicile	751 SE Sycamore Terrace, Lake City, FL 32025; 30.178056, -82.619167	SLAMS	Ozone	1	Continuous	Thermo 49i	POP EXP	NBH	MONITOR IMPACT OF HIGH TRAFFIC		SU 11/1/2000
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 5/17/2007
MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)												
Citrus County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-017-0006	Crystal River Preserve	13450 W. Power Line Rd., Crystal River, FL 34428; 28.958644, -82.642965	SLAMS	SO <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	NBH	NEEDED BY REGULATION		SU 12/13/2013
			SPM	PM <sub>2.5</sub>	1	Continuous	Thermo 1405	POP EXP	NBH	RURAL MONITORING		SU 12/7/2015
NOT IN A METROPOLITAN STATISTICAL AREA												
Holmes County												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-059-0004	Bonifay 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 <sub>2.5</sub>	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 <sub>2</sub>	1	Continuous	Thermo 43i	SOURCE	MIDDLE	SOURCE MONITORING		SU 9/18/1982
			SPM	PM <sub>2.5</sub>	3	Continuous	Thermo 1405	SOURCE	NBH	RURAL MONITORING		SU 5/17/2007
IMPROVE NETWORK												
AQS #	SITE NAME	ADDRESS/COORDINATES	TYPE	POLLUTANT	POC	OPERATING SCHEDULE	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	STATEMENT OF PURPOSE	MODIFICATIONS	COMMENTS
12-129-0001	St. Marks Wildlife Refuge	County Rd. 59, St. Marks, FL 32355; 30.092500, -84.161111	SPM	PM <sub>2.5</sub>		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 2000
12-017-9000	Chassahowitzka National Wildlife Refuge	S Timber Pines Ave., Homosassa, FL 34448; 28.7486, -82.5551	SPM	PM <sub>2.5</sub>		Every 3rd Day	IMPROVE	TRANSPORT	URBAN	NEEDED BY REGULATION		SU 1993
12-086-0030	Everglades National Park	Everglades National Park, FL	SPM	PM <sub>2.5</sub>		Every 3rd Day	IMPROVE	BKGD	URBAN	NEEDED BY REGULATION		SU 1988

**List of Abbreviations:**

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

## **APPENDIX C: 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.

Florida Department of Environmental Protection									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
88409	Wells Cargo	20' WELLS CARGO TRAILER	30002	1WC200J1153030266	12/12/1994	25 Years	\$9,074.93	Good	Active
89330	Wells Cargo	20' WELLS CARGO TRAILER	1110013		12/12/1994	25 Years	\$9,074.93	Good	Active
89695	Aluma Tower	MET TOWERS	590004		10/20/1994	25 Years	\$1,300.00	Good	Active
89696	Aluma Tower	MET TOWER	30002	AT5418F-10-B	10/20/1994	25 Years	\$1,300.00	Good	Active
89697	Aluma Tower	ALUMINUM CRANKUP TOWERS	1110013		10/20/1994	25 Years	\$1,300.00	Good	Active
89717	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	1171002	1WC200J16R3028877	8/15/1994	25 Years	\$9,074.93	Good	Active
89802	Bios	MASS VOLUME FLOW CALIBRATOR	MRAS Shop D101A	B0255	12/17/1994	25 Years	\$3,185.73	Good	Active
89804	Bios	MASS VOLUME FLOW CALIBRATOR DRYCAL	MRAS Shop D101A	B0252	12/17/1994	25 Years	\$3,185.74	Good	Active
90594	Wells Cargo	20' WELLS CARGO TRAILER DEP24124	1275002	1WC200J10R3029641	8/15/1994	25 Years	\$9,074.93	Good	Active
93279	Aluma Tower	ALUM. CRANKUP TOWER	330004	N/A	9/1/1995	24 Years	\$1,387.99	Good	Active
93280	Aluma Tower	ALUM. CRANKUP TOWER	13012	N/A	9/1/1995	24 Years	\$1,388.00	Good	Active
93281	Aluma Tower	ALUM. CRANKUP TOWER	713002	N/A	9/1/1995	24 Years	\$1,388.00	Good	Active
93883	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	13012	1WC200J16T3034007	6/21/1996	23 Years	\$9,381.00	Good	Active
93884	Wells Cargo	20' WELLS CARGO TRAILER DEP3344	94001	1WC200J18T3034008	6/21/1996	23 Years	\$9,381.00	Good	Active
99069	Bios	DRYCAL KIT	MRAS Shop D101A	B-678	2/3/1998	22 Years	\$3,638.89	Good	Active
99070	Bios	DRYCAL KIT	MRAS Shop D101A	B-8680	2/3/1998	22 Years	\$3,638.88	Good	Active
99914	Wells Cargo	98 WELLS CARGO TRAILER DEP4132	730012	1WC200J11W3039118	3/25/1998	22 Years	\$9,930.00	Good	Active
100505	Aluma Tower	MET TOWER	712002	N/A	11/19/1997	22 Years	\$1,617.35	Good	Active
100506	Aluma Tower	MET TOWER	730012	N/A	11/19/1997	22 Years	\$1,617.36	Good	Active
100507	Aluma Tower	ALUMINUM CRANKUP TOWER	830003	AT-71198-102-3	11/19/1997	22 Years	\$1,617.36	Good	Active
103620	Thermo	MODEL 2025 SEQUENTIAL AIR SAMPLER	MRAS Shop D101A	2025A208979810	1/5/1999	21 Years	\$13,489.80	Good	Active
104332	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4606	890005	1WC200J12X3042742	11/10/1999	20 Years	\$7,660.00	Good	Active
104333	Wells Cargo	1999 WELLS CARGO UTIL TRL DEP4608	470015	1WC200J14X3042743	11/10/1999	20 Years	\$7,660.00	Good	Active
104334	Wells Cargo	1999 WELLS CARGO UTILIT TRL DEP4609	90007	1WC200J16X3042744	11/10/1999	20 Years	\$7,660.00	Good	Active
105200	Chinook	STREAMLINE/MANOMETER	MRAS Shop D101A	57-004506-00001	12/14/1999	20 Years	\$1,095.00	Good	Active
105740	Enviroics	MULTI-GAS CALIBRATOR	Standards Lab Room B10	2910	10/23/2002	17 Years	\$11,365.84	Good	Active
106605	Bios	FLOW METER KIT DRYCAL	MRAS Shop D101A	1241	7/31/2002	17 Years	\$3,147.25	Good	Active
106606	Bios	FLOW METER KIT	MRAS Shop D101A	1242	7/31/2002	17 Years	\$3,147.25	Good	Active
106634	Aluma Tower	CRANK-UP TOWER 10M	90007	AT91204-L1-#4	1/28/2000	20 Years	\$1,590.00	Good	Active
106635	Aluma Tower	MET TOWER - test	470015		1/28/2000	20 Years	\$1,590.00	Good	Active
106636	Aluma Tower	MET TOWER	890005		1/28/2000	20 Years	\$1,590.00	Good	Active
106637	Aluma Tower	CRANK-UP TOWER 10M	910002		1/28/2000	20 Years	\$1,590.00	Good	Active
106638	Aluma Tower	MET TOWER	830004	AT91204-L1-1	1/28/2000	20 Years	\$1,590.00	Good	Active
106639	Aluma Tower	MET TOWER	690002	AT91204-L1-#8	1/28/2000	20 Years	\$1,590.00	Good	Active
106640	Aluma Tower	MET TOWER	230002	AT-91204-4	1/28/2000	20 Years	\$1,590.00	Good	Active
106642	Aluma Tower	MET TOWER	50006	AT91204-L1-#9	1/28/2000	20 Years	\$1,590.00	Good	Active
106643	Aluma Tower	MET TOWER	1130015		1/28/2000	20 Years	\$1,590.00	Good	Active
106644	Aluma Tower	MET TOWER	1010005		1/28/2000	20 Years	\$1,590.00	Good	Active
106672	Thermo	TEOM 1400A PM-10 MONITOR SYSTEM	90007	140AB227819911	1/13/2000	20 Years	\$18,961.69	Good	Active
106674	Thermo	TEOM PM-10/PM2.5 (SHARPCUT) 2025	MRAS Shop D101A	140AB227859911	1/13/2000	20 Years	\$18,961.67	Good	Active
106801	Bios	FLOW METER KIT DRYCAL STANDARD	MRAS Shop D101A	B936	1/10/2000	20 Years	\$3,261.00	Good	Active
107471	Chinook	FLOW TRANSFER STANDARD FTS	MRAS Shop D101A	991101	11/3/2000	19 Years	\$1,120.00	Good	Active

108995	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	66		12/12/2002	17 Years	\$2,020.00	Good	Active
108997	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	667		12/12/2002	17 Years	\$2,020.00	Good	Active
109126	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A	68		12/12/2002	17 Years	\$2,020.00	Good	Active
109177	BGI	AUDIT DEVICE W/TEMPERATURE PROBE	MRAS Shop D101A			12/12/2002	17 Years	\$2,020.00	Good	Active
109218	Thermo	TEOM 1400A PM10 MONITOR	MRAS Shop D101A	140AB234100012		3/20/2001	19 Years	\$16,975.00	Good	Active
109220	Thermo	TEOM 1400A PM10 MONITOR	MRAS Shop D101A	140AB233280011		3/20/2001	19 Years	\$16,975.00	Good	Active
109632	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	548717		3/22/2001	19 Years	\$1,192.16	Good	Active
109633	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	535908		3/22/2001	19 Years	\$1,192.15	Good	Active
109634	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	535888		3/22/2001	19 Years	\$1,192.15	Good	Active
109635	Chinook	AUDIT FLOW KIT	Standards Lab Room B10	LF-1		3/21/2001	19 Years	\$1,127.50	Good	Active
109636	Chinook	AUDIT FLOW KIT	Standards Lab Room B10	LF-2		3/21/2001	19 Years	\$1,127.50	Good	Active
109637	Chinook	AUDIT FLOW KIT	Standards Lab Room B10	LF-3		3/21/2001	19 Years	\$1,127.50	Good	Active
109638	Chinook	AUDIT FLOW KIT	Standards Lab Room B10	LF-4		3/21/2001	19 Years	\$1,127.50	Good	Active
109727	Ekto	OUTDOOR CABINET	MRAS Shop	3200-13A		3/20/2001	19 Years	\$4,795.00	Good	Active
109912	N/A	GAS ROTARY DRESSER ROOTS ACC TEST	Standards Lab Room B41	120524		4/3/2001	19 Years	\$2,225.00	Good	Active
110129	Wells Cargo	WELLS CARGO UTILITY TRL DEP5299	890010	1WC200E1733049495		2/24/2003	17 Years	\$10,277.00	Good	Active
110689	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	550003	N/A		8/27/2001	18 Years	\$1,660.00	Good	Active
110690	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	170006	N/A		8/27/2001	18 Years	\$1,660.00	Good	Active
110691	Aluma Tower	ALUMINUM CRANKUP TOWER W/T-BASE	1071008	N/A		8/27/2001	18 Years	\$1,660.00	Good	Active
110946	Thermo	TEOM 1400A PM10 MONITOR	MRAS Shop D101A	140AB235430103		5/8/2001	18 Years	\$19,902.50	Good	Active
111487	Thermo	TEOM 1400A PM10 MONITOR	MRAS Shop D101A	140AB238020110		11/13/2001	18 Years	\$8,497.50	Good	Active
112109	Thermo	TEOM 1400A PM-2.5 MONITOR	90007	14AB239110201		2/7/2002	18 Years	\$17,610.00	Good	Active
112110	Wells Cargo	8X20 WELLS CARGO STORAGE TRL DEP5580	590004	1WC200J2223047926		1/22/2002	18 Years	\$10,812.00	Good	Active
113644	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	622964		6/17/2002	17 Years	\$1,190.00	Good	Active
113645	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	658809		6/17/2002	17 Years	\$1,190.00	Good	Active
113646	N/A	GAS PRESSURE REGULATOR	Standards Lab Room B10	658827		6/17/2002	17 Years	\$1,190.00	Good	Active
114162	Thermo	TEOM 1400A PM10 MONITOR	MRAS Shop D101A	140AB242930209		1/6/2003	17 Years	\$17,245.00	Good	Active
114706	Enviroics	MULTIGAS CALIBRATOR ENVIRONICS 6103	Standards Lab Room B10	3046		2/19/2003	17 Years	\$11,366.63	Good	Active
114707	Enviroics	CALIBRATOR ENVIRONICS	Standards Lab Room B10	3062		2/19/2003	17 Years	\$11,366.63	Good	Active
115096	Enviroics	MULTI-GAS CALLIBRATOR SERIES 6103	Standards Lab Room B10	3064		4/14/2003	17 Years	\$11,366.65	Good	Active
115149	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	890010			1/6/2003	17 Years	\$2,334.00	Good	Active
115150	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	972002			1/6/2003	17 Years	\$2,334.00	Good	Active
115151	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	690002	202103112		1/6/2003	17 Years	\$2,334.00	Good	Active
115152	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A			1/6/2003	17 Years	\$2,334.00	Good	Active
115153	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	1071008			1/6/2003	17 Years	\$2,334.00	Good	Active
115154	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	13012			1/6/2003	17 Years	\$2,334.00	Good	Active
115155	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A	202103451		1/6/2003	17 Years	\$2,334.00	Good	Active
115156	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	713002			1/6/2003	17 Years	\$2,334.00	Good	Active
115157	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	MRAS Shop D101A			1/6/2003	17 Years	\$2,334.00	Good	Active
115158	Atlantic Scientific	LIGHTENING PROTECTION SYSTEM	730012			1/6/2003	17 Years	\$2,334.00	Good	Active
115159	Atlantic Scientific	LIGHTENING PROTECTION SYS	330004			2/25/2003	17 Years	\$4,599.75	Good	Active
115507	Thermo	TEMO 1400A PM2.5	MRAS Shop D101A	140AB245470304		5/13/2003	16 Years	\$17,660.00	Good	Active
115508	Thermo	TEMO 1400A PM2.5	MRAS Shop D101A	140AB245490304		5/13/2003	16 Years	\$17,660.00	Good	Active
116105	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B10	1615600001		4/25/2003	17 Years	\$1,317.73	Good	Active
116106	Teledyne	AIR MASS FLOW CONTROLLER	Standards Lab Room B10	1615700001		4/25/2003	17 Years	\$1,317.72	Good	Active

117235	Atlantic Scientific	LIGHTNING PROTECTION KIT	30002		5/23/2003	16 Years	\$2,421.67	Good	Active
117236	Atlantic Scientific	LIGHTNING PROTECTION KIT	1010005		5/23/2003	16 Years	\$2,421.67	Good	Active
117237	Atlantic Scientific	LIGHTNING PROTECTION KIT	210004		5/23/2003	16 Years	\$2,421.66	Good	Active
117238	Teledyne	MASS FLOW CONTROLLER ENVIRONICS	Standards Lab Room B10	1652700001	5/23/2003	16 Years	\$1,320.00	Good	Active
117239	Teledyne	MASS FLOW CONTROLLER	Standards Lab Room B10	1652800001	5/23/2003	16 Years	\$1,320.00	Good	Active
117393	N/A	CALIBRATION BATH	Standards Lab Room B10	803050076	6/5/2003	16 Years	\$9,972.90	Good	Active
117909	N/A	CALIBRATION EQUIPMENT	Standards Lab Room B105		7/31/2003	16 Years	\$3,047.00	Good	Active
117940	Nova-Lynx	HANDHELD BAROMETER	MRAS Shop D101A	976370-T2	6/19/2003	16 Years	\$1,404.94	Good	Active
118079	Bios	BETA ML 800 CALIBRATOR	Standards Lab Room B10	101410	12/10/2003	16 Years	\$33,140.00	Good	Active
119263	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0457	8/12/2004	15 Years	\$6,270.00	Good	Active
119264	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0458	8/12/2004	15 Years	\$6,270.00	Good	Active
119266	ESC 8832	DATA LOGGER	170006	A0464	8/12/2004	15 Years	\$6,270.00	Good	Active
119267	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0465	8/12/2004	15 Years	\$6,270.00	Good	Active
119269	ESC 8832	DATA LOGGER	1056005	A0467	8/12/2004	15 Years	\$6,270.00	Good	Active
119270	ESC 8832	DATA LOGGER	830003	A0473	8/12/2004	15 Years	\$6,270.00	Good	Active
119271	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0487	8/12/2004	15 Years	\$6,270.00	Good	Active
119274	ESC 8832	DATA LOGGER	94001	A0490	8/12/2004	15 Years	\$6,270.00	Good	Active
119275	ESC 8832	DATA LOGGER	810028	A0491	8/12/2004	15 Years	\$6,270.00	Good	Active
119276	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0492	8/12/2004	15 Years	\$6,270.00	Good	Active
119278	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0494	8/12/2004	15 Years	\$6,270.00	Good	Active
119279	ESC 8832	DATA LOGGER	1110013	A0495	8/12/2004	15 Years	\$6,270.00	Good	Active
119280	ESC 8832	DATA LOGGER	972002	A0496	8/12/2004	15 Years	\$6,270.00	Good	Active
119283	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0589	8/12/2004	15 Years	\$6,270.00	Good	Active
119284	ESC 8832	DATA LOGGER	210004	A0590	8/12/2004	15 Years	\$6,270.00	Good	Active
119285	ESC 8832	DATA LOGGER	1130015	A0591	8/12/2004	15 Years	\$6,270.00	Good	Active
119286	ESC 8832	DATA LOGGER	713002	A0592	8/12/2004	15 Years	\$6,270.00	Good	Active
119287	ESC 8832	DATA LOGGER	1012001	A0593	8/12/2004	15 Years	\$6,270.00	Good	Active
119288	ESC 8832	DATA LOGGER	1010005	A0594	8/12/2004	15 Years	\$6,270.00	Good	Active
119289	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0595	8/12/2004	15 Years	\$6,270.00	Good	Active
119290	ESC 8832	DATA LOGGER	590004	A0596	8/12/2004	15 Years	\$6,270.00	Good	Active
119291	ESC 8832	DATA LOGGER	690002	A0597	8/12/2004	15 Years	\$6,270.00	Good	Active
119293	ESC 8832	DATA LOGGER	830004	A0599	8/12/2004	15 Years	\$6,270.00	Good	Active
119294	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0600	8/12/2004	15 Years	\$6,270.00	Good	Active
119295	ESC 8832	DATA LOGGER	13012	A0601	8/12/2004	15 Years	\$7,220.00	Good	Active
119296	ESC 8832	DATA LOGGER	712002	A0602	8/12/2004	15 Years	\$7,220.00	Good	Active
119297	ESC 8832	DATA LOGGER	MRAS Shop D101A	A0603	8/12/2004	15 Years	\$7,220.00	Good	Active
120171	Chinook	DUAL FLOW STREAMLINE /MANOMETER	MRAS Shop D101A	HL1	4/19/2004	16 Years	\$1,878.00	Good	Active
120172	Chinook	DUAL FLOW STREAMLINE /MANOMETER	MRAS Shop D101A	HL2	4/19/2004	16 Years	\$1,878.00	Good	Active
121305	Environics	GAS CALIBRATOR	Standards Lab Room B10	3285	9/1/2004	15 Years	\$12,838.50	Good	Active
121345	Atlantic Scientific	LIGHTNING PROTECTION KIT	910002		9/27/2004	15 Years	\$2,810.81	Good	Active
121346	Atlantic Scientific	LIGHTNING PROTECTION KIT	1056006		9/27/2004	15 Years	\$2,810.81	Good	Active
121347	Atlantic Scientific	LIGHTNING PROTECTION KIT	890005		9/27/2004	15 Years	\$2,810.81	Good	Active
121348	Atlantic Scientific	LIGHTNING PROTECTION KIT	1012001		9/27/2004	15 Years	\$2,810.81	Good	Active
121817	Thermo	AIR MONITOR	13012	140AB253230409	11/12/2004	15 Years	\$17,460.00	Good	Active
121818	Thermo	AIR MONITOR	MRAS Shop D101A	140AB253240409	11/12/2004	15 Years	\$17,460.00	Good	Active



121819	Thermo	AIR MONITOR	850007	140AB253250409	11/12/2004	15 Years	\$17,460.00	Good	Active
121882	Chinook	DUAL FLOW STEAMLINE/MANMOMETER	MRAS Shop D101A	HL3	10/8/2004	15 Years	\$1,879.00	Good	Active
121883	Chinook	DUAL FLOW STEAMLINE/MANMOMETER	MRAS Shop D101A	HL4	10/8/2004	15 Years	\$1,879.00	Good	Active
122188	Nova-Lynx	NOVALYNX MANOMETER	MRAS Shop D101A	995472U1	8/23/2004	15 Years	\$1,404.69	Good	Active
124178	Wells Cargo	WELLS CARGO TOTE WAGON(EP-6095)	MRAS Shop D101A	1WC200E2353053636	5/16/2005	14 Years	\$9,534.25	Good	Active
124762	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	MRAS Shop D101A	8881043	6/9/2005	14 Years	\$1,081.00	Good	Active
124764	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	330004	8767074	6/9/2005	14 Years	\$1,081.00	Good	Active
125012	Thermo	PARTISOL-PLUS# 2025 PM 2.5 SAMPLER	MRAS Shop D101A	2025B217930506	7/1/2005	14 Years	\$11,890.00	Good	Active
125634	Fluke	FLUKE 5520A VOLTAGE CALIBRATOR	Standards Lab Room B10	S970008	9/7/2005	14 Years	\$24,633.00	Good	Active
126972	Alborg	THERMAL MFM	Standards Lab Room B10	15493811	2/27/2006	14 Years	\$1,192.25	Good	Active
126973	Alborg	THERMAL MFM	Standards Lab Room B10	154938-2	2/27/2006	14 Years	\$1,192.25	Good	Active
127392	Fluke	FLUKE 8508A/01-8.5 DIGIT REF. MULTI	Standards Lab Room B10	908852245	3/27/2006	14 Years	\$16,665.00	Good	Active
127441	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/BASE	330018		4/3/2006	14 Years	\$2,235.00	Good	Active
127442	Aluma Tower	ALUMINUM CRANKUP TOWER 35FT W/BASE	850007		4/3/2006	14 Years	\$2,235.00	Good	Active
127530	Fluke	FLUKE KIT	MRAS Shop D101A	9015198	4/20/2006	14 Years	\$1,362.05	Good	Active
127531	Fluke	FLUKE KIT	850007	9005307	4/20/2006	14 Years	\$1,362.05	Good	Active
127612	ESC 8832	ESC DATA LOGGER MODEL#8832	MRAS Shop D101A	A1289	4/24/2006	14 Years	\$6,200.00	Good	Active
127613	ESC 8832	ESC DATA LOGGER MODEL#8832	50006	A1288	4/24/2006	14 Years	\$6,200.00	Good	Active
127614	ESC 8832	ESC DATA LOGGER MODEL#8832	550003	A1287	4/24/2006	14 Years	\$6,200.00	Good	Active
127615	ESC 8832	ESC DATA LOGGER MODEL#8832 W/OPTION	MRAS Shop D101A	A1286	4/24/2006	14 Years	\$6,846.28	Good	Active
132187	Thermo	VSCC MONITOR	830003	140AB266790704	5/17/2007	12 Years	\$24,964.00	Good	Active
132281	Thermo	491A PHOTOMETRIC OZONE	1290001	714922084	5/29/2007	12 Years	\$7,313.50	Good	Active
132282	Thermo	491PS PHOTOMETIC OZONE	1171002	714922083	5/29/2007	12 Years	\$9,518.93	Good	Active
132884	Thermo	42I CHEMIL NO-NO2-NOX ANALYZER	MRAS Shop D101A	CM07230014	6/28/2007	12 Years	\$11,305.00	Good	Active
133513	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M070802	8/28/2007	12 Years	\$3,548.00	Good	Active
134321	ESC 8832	ESC MODEL 8832 AMBIENT DATA LOGGER	910002	A2187	1/4/2008	12 Years	\$6,020.00	Good	Active
134322	ESC 8832	ESC MODEL 8832 AMBIENT DATA LOGGER	1071008	A2188	1/4/2008	12 Years	\$6,020.00	Good	Active
134323	ESC 8832	ESC MODEL 8832 AMBIENT DATA LOGGER	330018	A2326K	1/4/2008	12 Years	\$6,020.00	Good	Active
135129	Fluke	FLUKE KIT-715/87-5E CALIBRATOR 715	710005	9612059	6/9/2005	14 Years	\$1,081.00	Good	Active
135239	Aluma Tower	CRANKUP TOWER ALUMINUM 35FT	1171002	AT-82070-T-4-2	4/28/2008	11 Years	\$2,367.50	Good	Active
135538	Wells Cargo	SITE MONITORING TRAILER 8X20	350004	1WC200J2383058622	5/14/2008	11 Years	\$14,597.00	Good	Active
135562	Wells Cargo	SITE MONITORING TRAILER 8X20	850007	1WC200J2583058623	5/27/2008	11 Years	\$14,597.00	Good	Active
137051	Thermo	PHOTOMETRIC OZONE ANALYZER	910002	820431148	7/14/2008	11 Years	\$7,353.50	Good	Active
137052	Thermo	PHOTOMETRIC OZONE CALIBRATOR	MRAS Shop D101A	820430996	7/14/2008	11 Years	\$10,165.00	Good	Active
137565	Thermo	TEOM MONITOR 1405	470015	1405A1264112212	9/8/2008	11 Years	\$17,554.10	Good	Active
137871	Enviroics	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B10	4367	11/21/2008	11 Years	\$6,669.00	Good	Active
137872	Enviroics	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B10	4386	11/21/2008	11 Years	\$6,669.00	Good	Active
137873	Enviroics	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B10	4387	11/21/2008	11 Years	\$6,669.00	Good	Active
137874	Enviroics	ZERO AIR GENERATOR7000 SERIES	Standards Lab Room B10	4388	11/21/2008	11 Years	\$6,669.00	Good	Active
138290	ESC 8832	AMBIENT DATA LOGGER	1272001	A3101K	3/12/2009	11 Years	\$6,836.67	Good	Active
138291	ESC 8832	AMBIENT DATA LOGGER	MRAS Shop D101A	A3102K	3/12/2009	11 Years	\$6,836.67	Good	Active
138292	ESC 8832	AMBIENT DATA LOGGER	350004	A3103K	3/12/2009	11 Years	\$6,836.67	Good	Active
138593	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M081202	4/15/2009	11 Years	\$3,917.00	Good	Active
138594	Chinook	STREAMLINE PRO o-MULTICAL SYSTEM	MRAS Shop D101A	M081204	4/15/2009	11 Years	\$3,917.00	Good	Active
138595	Chinook	STREAMLINE PRO MULTICAL SYSTEM	MRAS Shop D101A	M080510	4/15/2009	11 Years	\$3,917.00	Good	Active

139025	Thermo	49I-UV PHOTOMETRIC OZONE CALIBRATOR	50006	913235776	5/4/2009	10 Years	\$10,202.76	Good	Active
139174	Thermo	49I-UV PHOTOMETRIC OZONE ANALYZER	1130015	CM09130039	5/12/2009	10 Years	\$7,569.45	Good	Active
139697	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	MRAS Shop D101A	2025B225330905	6/10/2009	10 Years	\$12,464.95	Good	Active
139698	Thermo	PARTISOL PLUS 2025 AIR SAMPLER	90007	2025B225320905	6/10/2009	10 Years	\$12,464.95	Good	Active
139699	Thermo	TEOM MONITOR MODEL 1405	590004	1405A204650904	6/10/2009	10 Years	\$17,857.44	Good	Active
139700	Thermo	TEOM MONITOR MODEL 1405	MRAS Shop D101A	1405A204780905	6/10/2009	10 Years	\$17,857.43	Good	Active
139701	Wells Cargo	TRAILER 8X20 DEP21075	713002	1WC200J2693059622	6/16/2009	10 Years	\$16,922.25	Good	Active
139702	Wells Cargo	TRAILER 8X20DEP21076	170006	1WC200J2893059623	6/16/2009	10 Years	\$16,922.25	Good	Active
140120	Teledyne	TELEDYNE MODEL 700 CALIBRATOR	890005	703-S	10/26/2009	10 Years	\$16,958.96	Good	Active
140296	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225830910	1/11/2010	10 Years	\$12,575.80	Good	Active
140297	Thermo	AIR SAMPLER	10023	2025B225910910	1/11/2010	10 Years	\$12,575.80	Good	Active
140298	Thermo	AIR SAMPLER	1171002	2025B225920912	1/11/2010	10 Years	\$12,575.80	Good	Active
140299	Thermo	AIR SAMPLER	MRAS Shop D101A	2025B225930910	1/11/2010	10 Years	\$12,575.81	Good	Active
140300	Thermo	AIR SAMPLER	10023	2025B225940910	1/11/2010	10 Years	\$12,575.81	Good	Active
140301	Thermo	ANALYZER	1012001	CM09500013	1/8/2010	10 Years	\$7,936.32	Good	Active
140302	Thermo	ANALYZER	730012	CM09500014	1/8/2010	10 Years	\$7,936.32	Good	Active
140303	Thermo	ANALYZER	50006	CM09500015	1/8/2010	10 Years	\$7,936.32	Good	Active
140304	Thermo	ANALYZER	590004	CM09500016	1/8/2010	10 Years	\$7,936.33	Good	Active
140305	Thermo	ANALYZER	MRAS Shop D101A	CM09500017	1/8/2010	10 Years	\$7,936.33	Good	Active
140306	Thermo	CALIBRATOR	1130015	935239567	1/8/2010	10 Years	\$9,808.00	Good	Active
140307	Thermo	CALIBRATOR	MRAS Shop D101A	35239568	1/8/2010	10 Years	\$9,808.00	Good	Active
140308	Thermo	CALIBRATOR	730012	35239569	1/8/2010	10 Years	\$9,808.00	Good	Active
140309	Thermo	CALIBRATOR	1012001	35239570	1/8/2010	10 Years	\$9,808.00	Good	Active
140310	Thermo	CALIBRATOR	13012	35239571	1/8/2010	10 Years	\$9,808.00	Good	Active
140617	Teledyne	GAS CALIBRATOR	1056005	898-S	6/1/2010	9 Years	\$15,103.00	Good	Active
140619	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	897-S	6/1/2010	9 Years	\$15,103.00	Good	Active
140620	Teledyne	GAS CALIBRATOR	470015	895-A	6/1/2010	9 Years	\$15,103.00	Good	Active
140621	Teledyne	GAS CALIBRATOR	MRAS Shop D101A	899	6/1/2010	9 Years	\$15,103.00	Good	Active
140622	Teledyne	GAS CALIBRATOR	810028	900-S	6/1/2010	9 Years	\$15,103.00	Good	Active
140661	ESC 8832	AMBIENT DATA SYSTEM CONTROLLER	MRAS Shop D101A	A3730K	6/8/2010	9 Years	\$8,570.00	Good	Active
140662	ESC 8832	AMBIENT DATA SYSTEM CONTROLLER	MRAS Shop D101A	A3731K	6/8/2010	9 Years	\$8,570.00	Good	Active
140930	Vaisala	WXT520 WEATHER TRANSMITTER	890005	F2620012	7/9/2010	9 Years	\$2,032.75	Good	Active
141343	Dell	COMPUTER DELL OPTIPLEX 780	1110013	CYQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141344	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H8Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141345	Dell	COMPUTER DELL OPTIPLEX 780	590004	HW955P1	12/6/2010	9 Years	\$621.90	Good	Active
141346	Dell	COMPUTER DELL OPTIPLEX 780	330018	GP955P1	12/6/2010	9 Years	\$621.90	Good	Active
141347	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1S955P1	12/6/2010	9 Years	\$621.90	Good	Active
141348	Dell	COMPUTER DELL OPTIPLEX 780	690002	FP955P1	12/6/2010	9 Years	\$621.90	Good	Active
141349	Dell	COMPUTER DELL OPTIPLEX 780	1056005	2X955P1	12/6/2010	9 Years	\$621.90	Good	Active
141350	Dell	COMPUTER DELL OPTIPLEX 780	972002	8YQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141351	Dell	COMPUTER DELL OPTIPLEX 780	712002	J8Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141352	Dell	COMPUTER DELL OPTIPLEX 780	1012001	8X955P1	12/6/2010	9 Years	\$621.90	Good	Active
141353	Dell	COMPUTER DELL OPTIPLEX 780	810028	C9Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141354	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	9YQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141355	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CQ955P1	12/6/2010	9 Years	\$621.90	Good	Active

141356	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1Q955P1	12/6/2010	9 Years	\$621.90	Good	Active
141357	Dell	COMPUTER DELL OPTIPLEX 780	13012	JP955P1	12/6/2010	9 Years	\$621.90	Good	Active
141358	Dell	COMPUTER DELL OPTIPLEX 780	850007	4YQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141359	Dell	COMPUTER DELL OPTIPLEX 780	50006	3BYS3P1	12/6/2010	9 Years	\$621.90	Good	Active
141360	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	G6X74P1	12/6/2010	9 Years	\$621.90	Good	Active
141361	Dell	COMPUTER DELL OPTIPLEX 780	1071008	8Q955P1	12/6/2010	9 Years	\$621.90	Good	Active
141362	Dell	COMPUTER DELL OPTIPLEX 780	550003	8R955P1	12/6/2010	9 Years	\$621.90	Good	Active
141363	Dell	COMPUTER DELL OPTIPLEX 780	1272001	7Q955P1	12/6/2010	9 Years	\$621.90	Good	Active
141364	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	29Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141365	Dell	COMPUTER DELL OPTIPLEX 780	1010005	5BYS3P1	12/6/2010	9 Years	\$621.90	Good	Active
141366	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	FQ955P1	12/6/2010	9 Years	\$621.90	Good	Active
141367	Dell	COMPUTER DELL OPTIPLEX 780	713002	J7Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141368	Dell	COMPUTER DELL OPTIPLEX 780	170006	19Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141369	Dell	COMPUTER DELL OPTIPLEX 780	330004	BR955P1	12/6/2010	9 Years	\$621.90	Good	Active
141370	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	H7Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141371	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D5X74P1	12/6/2010	9 Years	\$621.90	Good	Active
141372	Dell	COMPUTER DELL OPTIPLEX 780	830003	2ZQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141373	Dell	COMPUTER DELL OPTIPLEX 780	1130015	BQ955P1	12/6/2010	9 Years	\$621.90	Good	Active
141374	Dell	COMPUTER DELL OPTIPLEX 780	94001		12/6/2010	9 Years	\$621.90	Good	Active
141375	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	JXQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141376	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	D9Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141377	Dell	COMPUTER DELL OPTIPLEX 780	350004	6XQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141378	Dell	COMPUTER DELL OPTIPLEX 780	910002	B5X74P1	12/6/2010	9 Years	\$621.90	Good	Active
141379	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	CP955P1	12/6/2010	9 Years	\$621.90	Good	Active
141380	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	7XQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141381	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	1ZQ74P1	12/6/2010	9 Years	\$621.90	Good	Active
141382	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	GR955P1	12/6/2010	9 Years	\$621.90	Good	Active
141383	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	F9Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141384	Dell	COMPUTER DELL OPTIPLEX 780	830004	H9Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141385	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	88Y74P1	12/6/2010	9 Years	\$621.90	Good	Active
141386	Dell	COMPUTER DELL OPTIPLEX 780	MRAS Shop D101A	16X74P1	12/6/2010	9 Years	\$621.90	Good	Active
142164	Teledyne	UV ANALYZER	MRAS Shop D101A	87	2/8/2011	9 Years	\$7,819.25	Good	Active
142165	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3412	2/7/2011	9 Years	\$4,057.13	Good	Active
142166	Teledyne	AIR SYSTEM MODEL 7010	170006	3413	2/7/2011	9 Years	\$4,057.13	Good	Active
142167	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3414	2/7/2011	9 Years	\$4,057.13	Good	Active
142168	Teledyne	AIR SYSTEM MODEL 7010	810028	3415	2/7/2011	9 Years	\$4,057.13	Good	Active
142169	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3416	2/7/2011	9 Years	\$4,057.13	Good	Active
142170	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3418	2/7/2011	9 Years	\$4,057.13	Good	Active
142171	Teledyne	AIR SYSTEM MODEL 7010	1071008	3419	2/7/2011	9 Years	\$4,057.13	Good	Active
142172	Teledyne	AIR SYSTEM MODEL 7010	1056005	3420	2/7/2011	9 Years	\$4,057.13	Good	Active
142173	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3421	2/7/2011	9 Years	\$4,057.13	Good	Active
142174	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3422	2/7/2011	9 Years	\$4,057.13	Good	Active
142176	Teledyne	AIR SYSTEM MODEL 7010	MRAS Shop D101A	3424	2/7/2011	9 Years	\$4,057.13	Good	Active
142178	Vaisala	WEATHER TRANSMITTER	330004	G0350001	2/7/2011	9 Years	\$2,648.00	Good	Active
142179	Vaisala	WEATHER TRANSMITTER	30002	G0350002	2/7/2011	9 Years	\$2,648.00	Good	Active

142180	Vaisala	WEATHER TRANSMITTER	590004	G0350003	2/7/2011	9 Years	\$2,648.00	Good	Active
142181	Vaisala	WEATHER TRANSMITTER	830003	G035004	2/7/2011	9 Years	\$2,648.00	Good	Active
142182	Vaisala	WEATHER TRANSMITTER	1130015	G0350005	2/7/2011	9 Years	\$2,648.00	Good	Active
142183	Vaisala	WEATHER TRANSMITTER	350004	G0350006	2/7/2011	9 Years	\$2,648.00	Good	Active
142184	Vaisala	WEATHER TRANSMITTER	330018	G0350007	2/7/2011	9 Years	\$2,648.00	Good	Active
142185	Vaisala	WEATHER TRANSMITTER	470015	G0350008	2/7/2011	9 Years	\$2,648.00	Good	Active
142186	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350009	2/7/2011	9 Years	\$2,648.00	Good	Active
142187	Vaisala	WEATHER TRANSMITTER	1071008	G0350010	2/7/2011	9 Years	\$2,648.00	Good	Active
142188	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350011	2/7/2011	9 Years	\$2,648.00	Good	Active
142189	Vaisala	WEATHER TRANSMITTER	1110013	G0350012	2/7/2011	9 Years	\$2,648.00	Good	Active
142190	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350013	2/7/2011	9 Years	\$2,648.00	Good	Active
142191	Vaisala	WEATHER TRANSMITTER	50006	G0350014	2/7/2011	9 Years	\$2,648.00	Good	Active
142192	Vaisala	WEATHER TRANSMITTER	MRAS Shop D101A	G0350015	2/7/2011	9 Years	\$2,649.00	Good	Active
142203	Teledyne	MDL T400 UV ANALYZER	MRAS Shop D101A	57	2/23/2011	9 Years	\$9,757.51	Good	Active
142205	Teledyne	MDL T400 UV ANALYZER	MRAS Shop D101A	59	2/23/2011	9 Years	\$9,757.51	Good	Active
142256	Thermo	AIR SAMPLER	1275002	2025B227811103	3/11/2011	9 Years	\$12,575.81	Good	Active
143498	Vaisala	VAISALA WEATHER TRANSMITTER	972002	G3420030	9/23/2011	8 Years	\$2,618.24	Good	Active
143499	Vaisala	VAISALA WEATHER TRANSMITTER	730012	G3420033	9/23/2011	8 Years	\$2,618.24	Good	Active
143500	Vaisala	VAISALA WEATHER TRANSMITTER	1290001	G3420031	9/23/2011	8 Years	\$2,618.24	Good	Active
143501	Vaisala	VAISALA WEATHER TRANSMITTER	1012001	G3420027	9/23/2011	8 Years	\$2,618.24	Good	Active
143502	Vaisala	VAISALA WEATHER TRANSMITTER	910002	G3420022	9/23/2011	8 Years	\$2,618.24	Good	Active
143503	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420021	9/23/2011	8 Years	\$2,618.24	Good	Active
143504	Vaisala	VAISALA WEATHER TRANSMITTER	1056006	G3420026	9/23/2011	8 Years	\$2,618.24	Good	Active
143505	Vaisala	VAISALA WEATHER TRANSMITTER	1171002	G3420029	9/23/2011	8 Years	\$2,618.24	Good	Active
143506	Vaisala	VAISALA WEATHER TRANSMITTER	850007	G3420035	9/23/2011	8 Years	\$2,618.24	Good	Active
143508	Vaisala	VAISALA WEATHER TRANSMITTER	1272001	G3420032	9/23/2011	8 Years	\$2,618.24	Good	Active
143509	Vaisala	VAISALA WEATHER TRANSMITTER	94001	G3420024	9/23/2011	8 Years	\$2,618.24	Good	Active
143510	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420014	9/23/2011	8 Years	\$2,618.24	Good	Active
143511	Vaisala	VAISALA WEATHER TRANSMITTER	210004	G3420015	9/23/2011	8 Years	\$2,618.24	Good	Active
143512	Vaisala	VAISALA WEATHER TRANSMITTER	550003	G3420025	9/23/2011	8 Years	\$2,618.24	Good	Active
143513	Vaisala	VAISALA WEATHER TRANSMITTER	712002	G3420034	9/23/2011	8 Years	\$2,618.24	Good	Active
143514	Vaisala	VAISALA WEATHER TRANSMITTER	170006	G3420012	9/23/2011	8 Years	\$2,618.24	Good	Active
143515	Vaisala	VAISALA WEATHER TRANSMITTER	713002	G3420011	9/23/2011	8 Years	\$2,618.24	Good	Active
143516	Vaisala	VAISALA WEATHER TRANSMITTER	90007	G3420013	9/23/2011	8 Years	\$2,618.24	Good	Active
143517	Vaisala	VAISALA WEATHER TRANSMITTER	13012	G3420017	9/23/2011	8 Years	\$2,618.24	Good	Active
143518	Vaisala	VAISALA WEATHER TRANSMITTER	830004	G3420016	9/23/2011	8 Years	\$2,618.24	Good	Active
143519	Vaisala	VAISALA WEATHER TRANSMITTER	230002	G3420018	9/23/2011	8 Years	\$2,618.24	Good	Active
143520	Vaisala	VAISALA WEATHER TRANSMITTER	MRAS Shop D101A	G3420020	9/23/2011	8 Years	\$2,618.24	Good	Active
143521	Vaisala	VAISALA WEATHER TRANSMITTER	690002	G3420019	9/23/2011	8 Years	\$2,618.24	Good	Active
143522	Vaisala	VAISALA WEATHER TRANSMITTER	1010005	G3420023	9/23/2011	8 Years	\$2,618.24	Good	Active
145216	Thermo	OZONE ANALYZER	13012	1227254949	10/19/2012	7 Years	\$8,441.78	Good	Active
145217	Thermo	OZONE ANALYZER	972002		10/19/2012	7 Years	\$8,441.78	Good	Active
145218	Thermo	OZONE ANALYZER	690002	1227254945	10/19/2012	7 Years	\$8,441.78	Good	Active
145219	Thermo	OZONE ANALYZER	330004	1227254948	10/19/2012	7 Years	\$8,441.78	Good	Active
145220	Thermo	OZONE ANALYZER	830003	1227254942	10/19/2012	7 Years	\$8,441.78	Good	Active

145221	Thermo	OZONE ANALYZER	MRAS Shop D101A	1227254944	10/19/2012	7 Years	\$8,441.78	Good	Active
145222	Thermo	OZONE ANALYZER	330018	1227254950	10/19/2012	7 Years	\$8,441.78	Good	Active
145223	Thermo	OZONE ANALYZER	1272001	1227254946	10/19/2012	7 Years	\$8,441.78	Good	Active
145224	Thermo	OZONE ANALYZER	MRAS Shop D101A		10/19/2012	7 Years	\$8,441.78	Good	Active
145225	Thermo	OZONE CALIBRATOR	330018	1227254881	10/19/2012	7 Years	\$11,487.49	Good	Active
145226	Thermo	OZONE CALIBRATOR	210004	1227254880	10/19/2012	7 Years	\$11,487.49	Good	Active
145227	Thermo	OZONE CALIBRATOR	1272001	1227254882	10/19/2012	7 Years	\$11,487.49	Good	Active
145228	Thermo	OZONE CALIBRATOR	330004	1227254878	10/19/2012	7 Years	\$11,487.49	Good	Active
145229	Thermo	OZONE CALIBRATOR	MRAS Shop D101A	1227254879	10/19/2012	7 Years	\$11,487.49	Good	Active
145230	Thermo	PULSE FLUOR SO2 ANALYZER	1071008	1227254884	10/19/2012	7 Years	\$11,213.28	Good	Active
145231	Thermo	PULSE FLUOR SO2 ANALYZER	890005	1227254883	10/19/2012	7 Years	\$11,213.28	Good	Active
145265	Thermo	AIR MONITOR	910002	1405A212581101	3/30/2011	9 Years	\$18,374.48	Good	Active
145266	Thermo	AIR MONITOR	890010	1405A213561102	3/30/2011	9 Years	\$18,374.48	Good	Active
145510	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	330004	1308857348	4/11/2013	7 Years	\$11,497.28	Good	Active
145511	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	170006	1308857349	4/11/2013	7 Years	\$11,497.28	Good	Active
145512	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	810028	1308857350	4/11/2013	7 Years	\$11,497.28	Good	Active
145513	Thermo	PULSE FLOUR MODEL 431 S02 ANALYZER	MRAS Shop D101A	1308857351	4/11/2013	7 Years	\$11,497.28	Good	Active
146565	Thermo	UV 03 ANALYZER	1275002	1317958398	7/12/2013	6 Years	\$8,657.24	Good	Active
146566	Thermo	UV 03 ANALYZER	1056005		7/12/2013	6 Years	\$8,657.24	Good	Active
146567	Thermo	UV 03 ANALYZER	90007	1317958400	7/12/2013	6 Years	\$8,657.24	Good	Active
146568	Thermo	UV 03 CALIBRATOR	94001	1317958401	7/12/2013	6 Years	\$11,771.49	Good	Active
146569	Thermo	UV 03 CALIBRATOR	90007	1317958402	7/12/2013	6 Years	\$11,771.49	Good	Active
146570	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	6 Years	\$11,771.49	Good	Active
146571	Thermo	UV 03 CALIBRATOR	MRAS Shop D101A		7/12/2013	6 Years	\$11,771.49	Good	Active
146572	Thermo	1405 MONITOR	730012		7/12/2013	6 Years	\$16,883.57	Good	Active
146573	Thermo	PULSE S02 ANALYZER	MRAS Shop D101A	JC1306300719	7/12/2013	6 Years	\$11,486.40	Good	Active
146574	Thermo	PULSE S02 ANALYZER	1056005		7/12/2013	6 Years	\$11,486.40	Good	Active
147046	Thermo	UV 03 ANALYZER 491A1NAA	830004	1331659576	12/11/2013	6 Years	\$7,917.81	Good	Active
147047	Thermo	UV 03 ANALYZER 491A1NAA	230002	1331659580	12/11/2013	6 Years	\$7,917.81	Good	Active
147048	Thermo	UV 03 ANALYZER 491A1NAA	350004	1331659608	12/11/2013	6 Years	\$7,917.81	Good	Active
147049	Thermo	UV 03 ANALYZER 491A1NAA	210004	1331659573	12/11/2013	6 Years	\$7,917.81	Good	Active
147050	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659539	12/11/2013	6 Years	\$7,917.81	Good	Active
147051	Thermo	UV 03 ANALYZER 491A1NAA	30002	1331659578	12/11/2013	6 Years	\$7,917.81	Good	Active
147052	Thermo	UV 03 ANALYZER 491A1NAA	1010005	1331659538	12/11/2013	6 Years	\$7,917.81	Good	Active
147053	Thermo	UV 03 ANALYZER 491A1NAA	550003	1331659581	12/11/2013	6 Years	\$7,917.81	Good	Active
147054	Thermo	UV 03 ANALYZER 491A1NAA	713002	1331659575	12/11/2013	6 Years	\$7,917.81	Good	Active
147055	Thermo	UV 03 ANALYZER 491A1NAA	1110013	1331659609	12/11/2013	6 Years	\$7,917.81	Good	Active
147056	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659579	12/11/2013	6 Years	\$7,917.81	Good	Active
147057	Thermo	UV 03 ANALYZER 491A1NAA	MRAS Shop D101A	1331659577	12/11/2013	6 Years	\$7,917.81	Good	Active
147058	Thermo	UV 03 ANALYZER 491A1NAA	1056006	1331659574	12/11/2013	6 Years	\$7,917.81	Good	Active
147059	Thermo	UV 03 ANALYZER 491A1NAA	712002	1331659610	12/11/2013	6 Years	\$7,917.81	Good	Active
147060	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	830003	1331659541	12/11/2013	6 Years	\$10,766.07	Good	Active
147061	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	972002	1331659643	12/11/2013	6 Years	\$10,766.07	Good	Active
147062	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659645	12/11/2013	6 Years	\$10,766.07	Good	Active
147063	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1171002	1331659614	12/11/2013	6 Years	\$10,766.07	Good	Active

147064	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	830004	1331659584	12/11/2013	6 Years	\$10,766.07	Good	Active
147065	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	713002	1331659608	12/11/2013	6 Years	\$10,766.07	Good	Active
147066	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	30002	1331659540	12/11/2013	6 Years	\$10,766.07	Good	Active
147067	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	690002	1331659582	12/11/2013	6 Years	\$10,766.07	Good	Active
147068	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659611	12/11/2013	6 Years	\$10,766.07	Good	Active
147069	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	350004	1331659628	12/11/2013	6 Years	\$10,766.07	Good	Active
147070	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	590004	1331659629	12/11/2013	6 Years	\$10,766.07	Good	Active
147071	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1275002	1331659630	12/11/2013	6 Years	\$10,766.07	Good	Active
147072	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1010005	1331659583	12/11/2013	6 Years	\$10,766.07	Good	Active
147073	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	550003	1331659627	12/11/2013	6 Years	\$10,766.07	Good	Active
147074	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1110013	1331659642	12/11/2013	6 Years	\$10,766.07	Good	Active
147075	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	230002	1331659612	12/11/2013	6 Years	\$10,766.07	Good	Active
147076	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	1056006	1331659644	12/11/2013	6 Years	\$10,766.07	Good	Active
147077	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	MRAS Shop D101A	1331659613	12/11/2013	6 Years	\$10,766.07	Good	Active
147078	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	910002	1331659543	12/11/2013	6 Years	\$10,766.07	Good	Active
147079	Thermo	UV 03 PRIMARY STANDARD CALIBRATOR	850007	1331659542	12/11/2013	6 Years	\$10,766.07	Good	Active
147080	Teledyne	T700 DYNAMIC DILUTIONCALIBRATOR	MRAS Shop D101A	1038	12/28/2013	6 Years	\$15,313.43	Good	Active
147081	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	330004	1039	12/28/2013	6 Years	\$15,313.43	Good	Active
147082	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	1040	12/28/2013	6 Years	\$15,313.43	Good	Active
147571	ESC 8832	8832 AMBIENT DATA SYSTEM CONTROLLER	850007	A4790K	2/25/2014	6 Years	\$7,600.00	Good	Active
147572	ESC 8832	8832 AMBIENT DATA SYSTEM CONTROLLER	MRAS Shop D101A	A4773K	2/25/2014	6 Years	\$7,600.00	Good	Active
147891	Nova-Lynx	M202 HANDHELD DIGITAL BAROMETER	MRAS Shop D101A	1238000148	4/18/2014	6 Years	\$1,452.85	Good	Active
148145	Thermo	CONTINUOUS PM MONITOR	1290001	1405A228401405	6/18/2014	5 Years	\$17,138.19	Good	Active
148239	Thermo	ANALYZER	1290001	1417862270	6/30/2014	5 Years	\$8,960.83	Good	Active
148240	Thermo	ANALYZER	94001	1417862271	6/30/2014	5 Years	\$8,960.83	Good	Active
148241	Thermo	ANALYZER	850007	1417862272	6/30/2014	5 Years	\$8,960.83	Good	Active
148242	Thermo	CALIBRATOR	1056005	1417862273	6/30/2014	5 Years	\$12,231.77	Good	Active
148243	Thermo	CALIBRATOR	712002	1417862274	6/30/2014	5 Years	\$12,231.77	Good	Active
148411	William Scotsman	PORTABLE BLDG	330018	B043MODB25	8/6/2014	5 Years	\$34,799.00	Good	Active
148419	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	5 Years	\$1,448.25	Good	Active
148420	Nova-Lynx	BAROMETER	MRAS Shop D101A		8/14/2014	5 Years	\$1,448.25	Good	Active
148421	Nova-Lynx	BAROMETER	MRAS Shop D101A	1429000090	8/14/2014	5 Years	\$1,448.25	Good	Active
149023	ESC 8872	DATA LOGGER	730012	381	2/6/2015	5 Years	\$6,280.00	Good	Active
149365	Thermo	PARTOSOL AIR SAMPLER	710005	20251W207231412	5/4/2015	4 Years	\$12,970.08	Good	Active
149366	Thermo	AIR SAMPLERS	330004	20251W207201412	5/4/2015	4 Years	\$12,970.08	Good	Active
149367	Thermo	PARTISOL AIR SAMPLER	330004	20251W207241412	5/4/2015	4 Years	\$12,970.08	Good	Active
149368	Thermo	PARTISOL AIR SAMPLER	730012	20251W207211412	5/4/2015	4 Years	\$12,970.08	Good	Active
149369	Thermo	PARTISOL AIR SAMPLER	730012	20251W207311501	5/4/2015	4 Years	\$12,970.08	Good	Active
149468	Teledyne	CALIBRATOR	MRAS Shop D101A	242	6/12/2015	4 Years	\$21,610.90	Good	Active
149485	ESC 8872	DATA LOGGERS	330004	458	6/16/2015	4 Years	\$6,647.50	Good	Active
149486	ESC 8872	DATA LOGGERS	1290001	459	6/16/2015	4 Years	\$6,647.50	Good	Active
149487	ESC 8872	DATA LOGGERS	MRAS Shop D101A	460	6/16/2015	4 Years	\$6,647.50	Good	Active
149488	ESC 8872	DATA LOGGERS	30002	461	6/16/2015	4 Years	\$6,647.50	Good	Active
149489	ESC 8872	DATA LOGGERS	90007	462	6/16/2015	4 Years	\$6,647.50	Good	Active
149558	Teledyne	CALIBRATOR T750U 56	MRAS Shop D101A	56	7/10/2015	4 Years	\$21,387.90	Good	Active

149559	Teledyne	CALIBRATOR	MRAS Shop D101A	57		7/10/2015	4 Years	\$21,387.90	Good	Active
149560	Teledyne	CALIBRATOR T750U 58	MRAS Shop D101A	58		7/10/2015	4 Years	\$21,387.90	Good	Active
149630	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	890005	488		9/11/2015	4 Years	\$6,840.00	Good	Active
149631	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	890010	489		9/11/2015	4 Years	\$6,840.00	Good	Active
149632	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	230002	487		9/11/2015	4 Years	\$6,840.00	Good	Active
149633	ESC 8872	BASE MODEL 8872 DATA ACQUISITION	1171002	490		9/11/2015	4 Years	\$6,840.00	Good	Active
149826	Thermo	431 SO2 ANALYZER	470015	JC1526101647		11/12/2015	4 Years	\$11,983.43	Good	Active
149827	Thermo	431 SO2 ANALYZER	MRAS Shop D101A	JC1526101643		11/12/2015	4 Years	\$11,983.43	Good	Active
149904	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	182		11/18/2015	4 Years	\$48,913.44	Good	Active
149905	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	183		11/18/2015	4 Years	\$48,913.43	Good	Active
149906	Teledyne	MODEL 602 BETAPLUS PARTICLE	MRAS Shop D101A	184		11/18/2015	4 Years	\$48,913.43	Good	Active
149977	Thermo	TEOM 1405 MONITOR	50006	1405A232741511		12/1/2015	4 Years	\$16,881.22	Good	Active
149978	Thermo	TEOM 1405 MONITOR	230002	1405A232711510		12/1/2015	4 Years	\$16,881.22	Good	Active
149979	Thermo	TEOM 1405 MONITOR	MRAS Shop D101A	1405A232961511		12/1/2015	4 Years	\$16,881.22	Good	Active
149980	Thermo	TEOM 1405 MONITOR	1130015	1405A232801511		12/1/2015	4 Years	\$16,881.22	Good	Active
149981	Thermo	TEOM 1405 MONITOR	170006	1405A232951511		12/1/2015	4 Years	\$16,881.22	Good	Active
150105	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	1071008	2330		1/26/2016	4 Years	\$14,914.00	Good	Active
150106	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	170006	2329		1/26/2016	4 Years	\$14,914.00	Good	Active
150107	Teledyne	T700 DYNAMIC DILUTION CALIBRATOR	MRAS Shop D101A	2328		1/26/2016	4 Years	\$14,914.00	Good	Active
151131	BGI	TETRACAL CALIBRATORS	MRAS Shop D101A	151505		10/12/2016	3 Year	\$2,300.00	Good	Active
151132	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151494		10/18/2016	3 Year	\$2,300.00	Good	Active
151133	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151503		10/18/2016	3 Year	\$2,300.00	Good	Active
151134	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151509		10/18/2016	3 Year	\$2,300.00	Good	Active
151135	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151498		10/18/2016	3 Year	\$2,300.00	Good	Active
151136	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151500		10/18/2016	3 Year	\$2,300.00	Good	Active
151137	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151504		10/18/2016	3 Year	\$2,300.00	Good	Active
151138	BGI	TETRACAL CALIBRATOR	MRAS Shop D101A	151493		10/18/2016	3 Year	\$2,300.00	Good	Active
152008	Teledyne	PORTAB. DYNAMIC DILUTION CALIBRATOR	Standards Lab Room B10	99		4/20/2017	36 Months	\$22,116.50	Good	Active
152012	Thermo	1405 MEMBRANE MONITOR	1056006	1405A239061703		4/25/2017	36 Months	\$20,264.42	Good	Active
152054	Thermo	PARISOL PLUS SAMPLER 2025I-AV	90007	2025IW11921704		5/9/2017	36 Months	\$18,201.88	Good	Active
152395	Teledyne	MASS MONITOR T640 PM	1171002	182		6/13/2017	34 Months	\$23,307.40	Good	Active
152396	Teledyne	MASS MONITOR T640 PM	710005	183		6/13/2017	34 Months	\$23,307.40	Good	Active
152397	Teledyne	MASS MONITOR T640 PM	1275002	184		6/13/2017	34 Months	\$23,307.40	Good	Active
152398	Teledyne	MASS MONITOR T640 PM	730012	185		6/13/2017	34 Months	\$23,307.40	Good	Active
152399	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	186		6/13/2017	34 Months	\$23,799.20	Good	Active
152472	Teledyne	T300U CO ANALY 2 PK	1290001	SN378		7/11/2017	33 Months	\$13,181.50	Good	Active
152514	Thermo	1405 AVF TEOM	MRAS Shop D101A	1405A239561706		7/14/2017	33 Months	\$20,264.42	Good	Active
152515	Thermo	1405 AVF TEOM	1275002	1405A239571706		7/14/2017	33 Months	\$20,264.42	Good	Active
152516	Thermo	1405 AVF TEOM	1171002	1405A239551706		7/14/2017	33 Months	\$20,264.42	Good	Active
152604	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	710005	717		7/25/2017	33 Months	\$6,840.00	Good	Active
152605	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	718		7/25/2017	33 Months	\$6,840.00	Good	Active
152606	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	MRAS Shop D101A	719		7/25/2017	33 Months	\$6,840.00	Good	Active
152607	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1056006	720		7/25/2017	33 Months	\$6,840.00	Good	Active
152608	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	1275002	721		7/25/2017	33 Months	\$6,840.00	Good	Active
152635	Teledyne	T100U ANALYZER	1290001	278		7/27/2017	33 Months	\$12,686.50	Good	Active

152636	Teledyne	T200U ANALYZER	1290001	334	7/27/2017	33 Months	\$22,831.50	Good	Active
153217	Thermo	1405 AVF TEOM	210004	1405A240341711	11/14/2017	29 Months	\$20,264.42	Good	Active
153218	Thermo	1405 AVF TEOM	710005	1405A240351711	11/14/2017	29 Months	\$20,264.42	Good	Active
153345	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	281	11/28/2017	29 Months	\$23,307.40	Good	Active
153346	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	282	11/28/2017	29 Months	\$23,307.40	Good	Active
153347	Teledyne	MASS MONITOR T640 PM	MRAS Shop D101A	283	11/28/2017	29 Months	\$23,307.40	Good	Active
153348	Teledyne	MASS MONITOR T640 PM	1056006	284	11/28/2017	29 Months	\$23,307.40	Good	Active
153384	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	B1071008	777	2/19/2018	26 Months	\$6,795.00	Good	Active
153385	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101)	775	2/19/2018	26 Months	\$6,795.00	Good	Active
153386	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830003	776	2/19/2018	26 Months	\$6,795.00	Good	Active
153387	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0170006	769	2/19/2018	26 Months	\$6,795.00	Good	Active
153388	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0830004	770	2/19/2018	26 Months	\$6,795.00	Good	Active
153389	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	B0013012	771	2/19/2018	26 Months	\$6,795.00	Good	Active
153390	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0330018	772	2/19/2018	26 Months	\$6,795.00	Good	Active
153391	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0050006	773	2/19/2018	26 Months	\$6,795.00	Good	Active
153392	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	A1130015	774	2/19/2018	26 Months	\$6,795.00	Good	Active
153393	Agilair 8872	AGILAIRE DATA ACQUISITION SYSTEM	A0590004	778	2/19/2018	26 Months	\$6,795.00	Good	Active
154057	PolyScience	RFG Circulating Water Bath.	(Standards Lab Room B10	1803-02276	5/3/2018	24 Months	\$2,441.65	Good	Active
154059	Thermo	1405 AVF TEOM	A0050006	1405A240911803	5/4/2018	24 Months	\$20,565.75	Good	Active
154510	Teledyne	API T 640X	(MRAS Shop D101)	438	5/18/2018	23 Months	\$35,000.00	Good	Active
154511	Teledyne	API T 640X	C1275002	437	5/18/2018	23 Months	\$35,000.00	Good	Active
154567	Teledyne	API 751H	(Standards Lab Room B10	239	6/27/2019	10 Months	\$7,850.00	Good	Active
154568	Teledyne	API 751H	(Standards Lab Room B10	240	6/27/2019	10 Months	\$7,850.00	Good	Active
154569	Teledyne	API 751H	(Standards Lab Room B10	241	6/27/2019	10 Months	\$7,850.00	Good	Active
154570	Teledyne	API 751H	(Standards Lab Room B10	242	6/27/2019	10 Months	\$7,850.00	Good	Active
155232	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000191	11/6/2018	17 Months	\$1,874.50	Good	Active
155233	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1739000193	11/6/2018	17 Months	\$1,874.50	Good	Active
155234	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000143	11/6/2018	17 Months	\$1,874.50	Good	Active
155235	Nova-Lynx	BAROMETER	(First Coast)	1742000144	11/6/2018	17 Months	\$1,874.50	Good	Active
155236	Nova-Lynx	BAROMETER	(MRAS Shop D101)	1742000145	11/6/2018	17 Months	\$1,874.50	Good	Active
155250	Teledyne	T750U Calibration	(Standards Lab Room B10	152	11/1/2018	18 Months	\$23,137.50	Good	Active
155264	Met One	AIO2 All In one Sensor	G0730012	X10698	11/20/2018	17 Months	\$2,245.50	Good	Active
155265	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25001	11/20/2018	17 Months	\$2,245.50	Good	Active
155266	Met One	AIO2 All In one Sensor	(MRAS Shop D101)	X25002	11/20/2018	17 Months	\$2,245.50	Good	Active
155267	Met One	AIO2 All In one Sensor	G1290001	X25003	11/20/2018	17 Months	\$2,245.50	Good	Active
155366	BGI	Flow Reference	(Space Coast)	166082	11/27/2018	17 Months	\$2,725.50	Good	Active
155367	BGI	Flow Reference	(MRAS Shop D101)	166083	11/27/2018	17 Months	\$2,725.50	Good	Active
155368	BGI	Flow Reference	(MRAS Shop D101)	166084	11/27/2018	17 Months	\$2,725.50	Good	Active
155369	BGI	Flow Reference	(MRAS Shop D101)	166229	11/27/2018	17 Months	\$2,725.50	Good	Active
155370	BGI	Flow Reference	(MRAS Shop D101)	166230	11/27/2018	17 Months	\$2,725.50	Good	Active
155371	BGI	Flow Reference	(MRAS Shop D101)	166231	11/27/2018	17 Months	\$2,725.50	Good	Active
155372	BGI	Flow Reference	(MRAS Shop D101)	166232	11/27/2018	17 Months	\$2,725.50	Good	Active
155373	BGI	Flow Reference	(Forgotten Coast)	166233	11/27/2018	17 Months	\$2,725.50	Good	Active
155374	BGI	Flow Reference	(MRAS Shop D101)	166234	11/27/2018	17 Months	\$2,725.50	Good	Active
155375	BGI	Flow Reference	(MRAS Shop D101)	166235	11/27/2018	17 Months	\$2,725.50	Good	Active



155460	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	865	2/21/2019	14 Months	\$8,550.00	Good	Active
155461	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	866	2/21/2019	14 Months	\$8,550.00	Good	Active
155462	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	867	2/21/2019	14 Months	\$8,550.00	Good	Active
155463	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	868	2/21/2019	14 Months	\$8,550.00	Good	Active
155469	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	874	2/21/2019	14 Months	\$8,550.00	Good	Active
155465	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	870	2/21/2019	14 Months	\$8,550.00	Good	Active
155466	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	871	2/21/2019	14 Months	\$8,550.00	Good	Active
155467	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	872	2/21/2019	14 Months	\$8,550.00	Good	Active
155464	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	869	2/21/2019	14 Months	\$8,550.00	Good	Active
155468	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	(MRAS Shop D101B)	873	2/21/2019	14 Months	\$8,550.00	Good	Active
155517	Thermo	1461Q Dynamic Gas Calibrator	(MRAS Shop D101B)	1182980003	2/28/2019	14 Months	\$21,107.73	Good	Active
156180	Nova-Lynx	BAROMETER	(Standards Lab Room B10)	1918000073	4/18/2019	12 Months	\$1,630.00	Good	Active
156189	Mesa Labs	ML-800 Base	(Standards Lab Room B10)	172051	5/21/2019	11 Months	\$6,800.00	Good	Active
156190	Mesa Labs	ML-800 High Cell	(Standards Lab Room B10)	170560	5/21/2019	11 Months	\$11,000.00	Good	Active
156191	Mesa Labs	ML-800 Medium Cell	(Standards Lab Room B10)	171983	5/21/2019	11 Months	\$11,000.00	Good	Active
156192	Mesa Labs	ML-800 Low Cell	(Standards Lab Room B10)	170275	5/21/2019	11 Months	\$11,000.00	Good	Active
156193	Mesa Labs	ML-800 Ultra Low Cell	(Standards Lab Room B10)	170812	5/21/2019	11 Months	\$18,500.00	Good	Active
156234	Nova-Lynx	BAROMETER	(Standards Lab Room B10)	1918000074	4/18/2019	12 Months	\$1,630.00	Good	Active
156235	Nova-Lynx	BAROMETER	(Standards Lab Room B10)	1918000075	4/18/2019	12 Months	\$1,630.00	Good	Active
156236	Nova-Lynx	BAROMETER	(Standards Lab Room B10)	1921000073	4/18/2019	12 Months	\$1,630.00	Good	Active
156237	Nova-Lynx	BAROMETER	(Standards Lab Room B10)	1921000074	4/18/2019	12 Months	\$1,630.00	Good	Active
156540	Teledyne	API T 640X	C1275002	713	6/28/2019	10 Months	\$37,022.00	Good	Active
156542	Teledyne	API 751H	(Standards Lab Room B10)	303	6/27/2019	10 Months	\$7,850.00	Good	Active
156596	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0550003	914	7/8/2019	9 Months	\$7,695.00	Good	Active
156597	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1012001	915	7/8/2019	9 Months	\$7,695.00	Good	Active
156598	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0713002	916	7/8/2019	9 Months	\$7,695.00	Good	Active
156599	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D0810028	917	7/8/2019	9 Months	\$7,695.00	Good	Active
156600	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0712002	918	7/8/2019	9 Months	\$7,695.00	Good	Active
156601	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	E0210004	919	7/8/2019	9 Months	\$7,695.00	Good	Active
156602	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	D1056005	920	7/8/2019	9 Months	\$7,695.00	Good	Active
156603	Agilaire 8872	AGILAIRE DATA ACQUISITION SYSTEM	C0094001	921	7/8/2019	9 Months	\$7,695.00	Good	Active
156628	EKTO	Teom Outdoor Shelter	MRAS Shop D101A	3695-7	5/25/2006	169 Months	\$5,875.00	Good	Active
157220	BGI	Flow Reference	(Standards Lab Room B10)	174721	12/4/2019	4 Months	\$2,806.00	Good	Active
157221	BGI	Flow Reference	(Standards Lab Room B10)	175818	12/4/2019	4 Months	\$2,806.00	Good	Active
157222	BGI	Flow Reference	(Standards Lab Room B10)	175819	12/4/2019	4 Months	\$2,806.00	Good	Active
157223	BGI	Flow Reference	(Standards Lab Room B10)	175820	12/4/2019	4 Months	\$2,806.00	Good	Active
157224	BGI	Flow Reference	(Standards Lab Room B10)	175821	12/4/2019	4 Months	\$2,806.00	Good	Active
BL605005	Wells Cargo	AIR MONITORING SHELTER 4833	972002	1WC200J19Y3043548	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605007	Wells Cargo	AIR MONITORING SHELTER 4828	210004	1WC200J17Y3043550	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605008	Wells Cargo	AIR MONITORING SHELTER 4829	230002	1WC200J10Y3043552	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605009	Wells Cargo	AIR MONITORING SHELTER 4830	690002	1WC200J13Y3043445	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605010	Wells Cargo	AIR MONITORING SHELTER 4831	910002	1WC200J19Y3043551	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605011	Wells Cargo	AIR MONITORING SHELTER 4832	50006	1WC200J14Y3043554	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605012	Wells Cargo	AIR MONITORING SHELTER 4834	1010005	1WC200J10Y3043549	10/4/2000	19 Years	\$9,094.40	Good	Active
BL605014	Wells Cargo	AIR MONITORING SHELTER 4845	550003		10/4/2000	19 Years	\$9,094.40	Good	Active

BL605016	Wells Cargo	AIR MONITORING SHELTER	830004		10/4/2000	19 Years	\$9,094.40	Good	Active
BL605019	Wells Cargo	AIR MONITORING SHELTER 4955	1071008	1P9BW1227BM652286	10/4/2000	19 Years	\$9,094.40	Good	Active
ER017411	Teledyne	LINEAR MASS FLOWMETER/TRANSDCR	Standards Lab Room B10	0-13344	5/31/1983	36 Years	\$1,281.35	Good	Active
ER022570	N/A	HETOCAL TEMPERATURE CALIBRAT. BATH	Standards Lab Room B10	MODEL KB22-2	11/15/1985	34 Years	\$5,860.00	Good	Active
ER026441	Aluma Tower	MET TOWER	1275002	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER029230	Teledyne	HASTINGS POWER SUPPLY MDL. 400	Standards Lab Room B10	168	3/8/1991	29 Years	\$3,187.66	Good	Active
ER030277	Wells Cargo	'91 WELLS CRGO 8'X20' TRL	1272001	1WC200J19M3022127	10/2/1991	28 Years	9/10/1924	Good	Active
ER030279	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24125	710005	1WC200J12M3022129	10/2/1991	28 Years	9/10/1924	Good	Active
ER030280	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24127	1012001	1WC200J19M3022130	10/2/1991	28 Years	\$9,020.00	Good	Active
ER030281	Wells Cargo	'91 WELLS CRGO 8'X20' TRL TAG#24126	1056006	1WC200J1CM3022131	10/2/1991	28 Years	\$9,020.00	Good	Active
ER031033	Aluma Tower	MET TOWER	972002	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER031034	Aluma Tower	MET TOWER	1272001	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER031035	Aluma Tower	MET TOWER	210004	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER031036	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/TBASE	1056006	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER031037	Aluma Tower	10M ALUMINUM CRANK-UP TOWER W/TBASE	1012001	N/A	11/21/1991	28 Years	\$1,148.00	Good	Active
ER031217	Wells Cargo	'92 WELLS CARGO TRAILER TAG#24129	1056005	1WC200J12N3022729	1/31/1992	28 Years	\$8,991.03	Good	Active
ER031305	Wells Cargo	'92 WELLS CARGO TRAILER TAG#23938	830003	1WC200J1XN3022977	3/26/1992	28 Years	\$8,791.02	Good	Active
ER032844	N/A	MASS FLOW METER	Standards Lab Room B10	13142/18003	1/25/1993	27 Years	\$1,723.45	Good	Active
EPA Supplied	Aluma Tower	Aluma Tower T-13512	1290001	214005.Z.2-3	7/3/2014	5 Years	\$0.00	Good	Active
EPA Supplied	Teledyne	Teledyne API T700U	1290001	203	7/3/2014	5 Years	\$0.00	Good	Active
EPA Supplied	CAS 9003	CAS 9003 Series Shelter standalone ambient air monit	1290001	4072	7/3/2014	5 Years	\$0.00	Good	Active
EPA Supplied	ESC 8872	AGILAIRE DATA ACQUISITION SYSTEM	470015	236	7/3/2014	5 Years	\$0.00	Good	Active
EPA Supplied	Thermo	R&P 2025 Sampler (EPA purchased, no DEP #)	1056006	2025A203949806	6/1/1998	21 Years	\$0.00	Good	Active



310200	Teledyne T700U	Dilution Calibrator	Env. Monitoring	57	1/25/2011	9.3	\$18,996.00	REPAIRED	MOCK UP SITE/Back-Up
NONE	Thermo 42i	NO2/NO/NOx	Env. Monitoring	1163620012	10/1/2016	3.6	\$17,700.47	Good	MOCK UP SITE/Back-Up
NONE	Thermo 43i-TLE	SO2 TL	Env. Monitoring	1428862875	10/10/2014	5.6	\$13,377.58	Good	MOCK UP SITE/Back-Up
NONE	Thermo 48iQ-TLE	CO-TL	Env. Monitoring	1182480012	2/19/2019	1.2	\$20,426.52	NEW	MOCK UP SITE/Back-Up
NONE	ESC 8832	Data Logger	Env. Monitoring	2372	6/1/2012	7.9	\$7,920.00	Good	For site 35
NONE	R. M. Young 81000	Sonic Anemometer	Env. Monitoring	1759	2/24/2012	8.2	\$2,606.50	Good	For site 35
paid by EPA	R. M. Young 81000	Sonic Anemometer	Env. Monitoring	3485	9/1/2010	9.7	paid by EPA	Good	For site 35
NONE	R&P TEOM 1400AB	Continuous PM2.5	GCW Storage	140AB267250703	6/18/2007	12.9	\$18,525.00	Good	inactive
NONE	Teledyne T100	SO2 Analyzer	GCW Storage	795	6/1/2013	6.9	\$10,240.00	Poor	inactive
DONATED	Teledyne T100	SO2 Analyzer	GCW Storage	114	4/20/2014	6.0	donated Sarasota	Fair	inactive
NONE	Teledyne T300	CO Analyzer	GCW Storage	720	6/1/2013	6.9	\$10,370.00	Good	inactive
NONE	Thermo 5014i	PM2.5 Continuous Monitor	GCW Storage	CM14191003	9/18/2013	6.6	\$20,365.00	Poor	inactive
NONE	Thermo 5014i	PM2.5 Continuous Monitor	GCW Storage	CM14481011	11/5/2014	5.5	\$19,927.31	Good	inactive
NONE	Thermo 5014i	PM2.5 Continuous Monitor	GCW Storage	CM16361010	10/14/2016	3.5	\$22,046.67	Good	inactive
310233	Thermo 146i	Multigas Calibrator	GCW Storage	1107747755	6/13/2011	8.9	\$12,721.25	Poor	inactive
310234	Thermo 146i	Multigas Calibrator	GCW Storage	1107747756	6/13/2011	8.9	\$12,721.25	Poor	inactive
NONE	Thermo 49i	O3 Analyzer	GCW Storage	CM07340001	9/21/2007	12.6	\$7,681.50	Poor	inactive
NONE	Tisch TE-6070V	PM10 Manual Sampler Primary (1-in-6)	GCW Storage	1782	1/20/2011	9.3	\$6,366.00	Good	inactive
NONE	Tisch TE-6070V	PM10 Manual Sampler Primary (1-in-6)	GCW Storage	1782	1/20/2011	9.3	\$6,366.00	Good	inactive
258827	Thermo 111	Zero Air Supply	GCW Storage	111-66974-354	12/6/2000	19.4	\$2,853.00	Good	inactive
291694	Thermo 111	Zero Air Supply	GCW Storage	619317347	5/14/2011	9.0	\$3,483.00	Good	inactive

City of Jacksonville									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
186859	N/A	Air Compressor	Lab	N/A	2009	9	1225.17	Fair	Backup
2002640	42i - Nox	Analyzer	Kooker Park	1170310010	N/A	N/A	N/A	Good	Active
N/A	42i - Nox	Analyzer	Pepsi Place	1170310009	N/A	N/A	N/A	Good	Active
188994	42i - Nox	Analyzer	Lab	0817630890	2010	8	11304.56	Fair	Backup
N/A	42i - Nox	Analyzer	Lab	1015241586	N/A	N/A	N/A	Fair	Backup
195337	42i - Nox	Analyzer	Lab	1327059041	N/A	N/A	N/A	Good	Backup
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
2002641	43i - SO2	Analyzer	Kooker Park	1170310008	N/A	N/A	N/A	Good	Active
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	6	10967.50	Poor	Parts
197214	43i - SO2	Analyzer	Lab	1436363426	2014	4	12457.00	Good	Backup
2002637	43i - SO2	Analyzer	Cedar Bay	1170310006	N/A	N/A	N/A	Good	Active
N/A	43i-SO2	Analyzer	Lab	1170310007	N/A	N/A	N/A	Good	Inactive
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	17	8559.00	Poor	Parts
N/A	48C - CO trace	Analyzer	Lab	48CTL-67186-356	N/A	N/A	N/A	Fair	Parts
195338	48i - CO	Analyzer	Pepsi Place	1308857434	2014	4	12467.00	Good	Active
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	4	12467.00	Poor	Backup
199824	48i - CO	Analyzer	Lab	11606000006	2016	8	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	14	6354.00	Fair	Parts
174138	49C - O3	Analyzer	Lab	0423707712	2004	14	6354.00	Fair	Parts
174133	49C - PS	Analyzer	Lab	0423707707	2004	14	8127.00	Fair	Parts
N/A	49i - ozone	Analyzer	Lab	1170480025	N/A	N/A	N/A	Good	Active
2002639	49i - ozone	Analyzer	Lab	611616471	N/A	N/A	N/A	Good	Backup
N/A	49i - ozone	Analyzer	Mayo	117310016	N/A	N/A	N/A	Good	Active
197158	49i - ozone	Analyzer	Cisco Dr	1430863374	2015	3	9640.00	Good	Active
180678	49i - ozone	Analyzer	Sheffield Elementary	0611616471	N/A	N/A	N/A	Fair	Parts
186855	49i - ozone	Analyzer	Lab	CM09040077	2009	9	6978.40	Fair	Backup
186856	49i - ozone	Analyzer	Lab	CM09040078	2009	9	6978.40	Fair	Parts
186857	49i - PS ozone	Analyzer	Lab	CM09040078	2009	9	6978.40	Good	Backup
N/A	49i - PS ozone	Analyzer	Sheffield Elementary	1170480025	N/A	N/A	N/A	Good	Active
186858	49i - PS ozone	Analyzer	Mayo	0908935366	2009	9	9416.00	Good	Active
N/A	49i - PS ozone	Analyzer	Cisco Dr	1430863375	2015	3	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	Cedar Bay	5736	2008	10	N/A	Good	Active
189416	6100	Calibrator	Pepsi Place	4776	2010	8	8775.00	Good	Active
182786	6100	Calibrator	Lab	3887	N/A	N/A	N/A	Fair	Backup
184538	6100	Calibrator	Kooker Park	4306	N/A	N/A	N/A	Fair	Active
189417	6100	Calibrator	Lab	4775	2010	8	8775.00	Fair	Backup
197600	6100	Calibrator	Lab	6508	2015	3	8887.50	Fair	Backup
182787	6100	Calibrator	Lab	3886	N/A	N/A	N/A	Fair	Backup
189416	6100	Calibrator	Lab	4776	2010	8	8775.00	Good	Backup
2002229	6100	Calibrator	Lab	7585	2017	1	N/A	Good	Backup
184536	6100	Calibrator	Lab	4312	N/A	N/A	N/A	Fair	Backup
197599	6100	Calibrator	Lab	6509	2015	3	8887.50	Fair	Backup
2002228	6100	Calibrator	Pepsi Place	7586	2017	1	N/A	Good	Active
2002230	6100	Calibrator	Roselle & Copeland	7584	2017	1	N/A	Good	Backup
187085	6100	Calibrator	Kooker Park	4490	2009	9	8775.00	Good	Active
172646	Computer	Computer	Kooker Park	KCBX2R7	N/A	N/A	N/A	Fair	Active
172648	Computer	Computer	Mayo	KCTA57T	N/A	N/A	N/A	Fair	Active
N/A	Computer	Computer	Ft. Caroline	4VGTVN1	N/A	N/A	N/A	Fair	Inactive
167681	Computer - Dell 1400	Computer	Cubicle	N/A	N/A	N/A	N/A	Fair	Active

184695	Computer - Dell Latitude D630	Computer	Pepsi Place	BPVYZF1	N/A	N/A	N/A	Fair	Active
N/A	Computer - Dell OptiPlex	Computer	Cisco Dr	79NP1B1	N/A	N/A	N/A	Fair	Active
172512	Computer - IBM	Computer	Cedar Bay	KCRZ00A	N/A	N/A	N/A	Fair	Active
180783	Computer - Think Centre	Computer	Cubicle	LKKL5G	N/A	N/A	N/A	Fair	Active
172575	Computer IBM	Computer	Lab	KCRR74F	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
184695	Laptop - ThinkPad PPL	Computer	Pepsi Place	BPVYZF1	N/A	N/A	N/A	Fair	Active
172513	Computer	Computer	Sheffield Elementary	KCRR91M	N/A	N/A	N/A	Fair	Active
162147	Computer - Dell XPS R400	Computer	Cubicle	GDKR0	N/A	N/A	N/A	Fair	Active
183820	8832	Data Logger	Lab	A1943	2004	14	N/A	Good	Inactive
172529	8832	Data Logger	Lab	A0541	2004	14	N/A	Good	Inactive
N/A	8832	Data Logger	Lab	A0538	2004	14	N/A	Good	Inactive
171778	8832	Data Logger	Lab	A0543	2004	14	N/A	Good	Inactive
183819	8832	Data Logger	Lab	A1942	2004	14	N/A	Good	Inactive
172525	8832	Data Logger	Lab	A0547	2004	14	N/A	Good	Inactive
195341	8832	Data Logger	Lab	A4688K	2014	4	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	14	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
N/A	8872	Data Logger	Kooker Park	8872_0842	2018	N/A	7911.22	Good	Active
N/A	8872	Data Logger	Sheffield Elementary	8872_0850	2018	N/A	7911.22	Good	Active
N/A	8872	Data Logger	Cedar Bay	8872_0848	2018	N/A	7911.22	Good	Active
N/A	8872	Data Logger	Mandarin Rd	8872_0851	2018	N/A	7911.22	Good	Active
N/A	8872	Data Logger	Mayo	8872_0845	2018	N/A	7911.22	Good	Active
N/A	8872	Data Logger	Cisco Dr	8872_0849	2018		7911.22	Good	Active
N/A	8872	Data Logger	Pepsi Place	8872_0844	2018	N/A	7911.22	Good	Active
171778	Enclosure	Enclosure	Mandarin Rd	343G-10 (COJ# from inven)	N/A	N/A	N/A	Fair	Inactive
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
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
N/A	ThinkVision Monitor	Monitor	Kooker Park	8894881	N/A	N/A	N/A	Fair	Backup
125742	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Active
144535	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Active
144537	Toxgard - CO Monitor	Monitor	Lab	N/A	N/A	N/A	N/A	Fair	Active
144536	Toxgard - CO Monitor	Monitor	Roselle & Copeland	N/A	N/A	N/A	N/A	Fair	Inactive
189418	O3 PS - 6103	O3 PS - 6103	Lab	4781	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	Opti Plex 780	Opti Plex 780	Lab	CCFVFN1	N/A	N/A	N/A	Fair	Active
167292	HP Laser Jet 2100	Printer	Lab	USGZ182467	N/A	N/A	N/A	Fair	Backup
164189	HP Laser Jet 2101	Printer	Lab	N/A	N/A	N/A	N/A	Fair	Backup
177084	HP Laser Jet 2430drn	Printer	Cubicle	N/A	N/A	N/A	N/A	Fair	Backup
195345	Computer Rack	Rack	Pepsi Place	N/A	N/A	N/A	N/A	Good	Active
195346	Computer Rack	Rack	Pepsi Place	N/A	N/A	N/A	N/A	Good	Active
183596	2025	Sampler	Lab	2025B219720706	N/A	N/A	N/A	Fair	Backup
197212	2025i	Sampler	Lab	2025i206831409	2014	4	16361.25	Good	Inactive
197213	2025i	Sampler	Lab	2025i206911409	2014	4	16361.25	Good	Backup
197211	2025i	Sampler	Sunny Acres	2025i206891409	2014	4	16361.25	Good	Active
197694	2025i dup	Sampler	Sunny Acres	2025iW207931504	2015	3	17050.77	Good	Active
197615	5014i	Sampler	Lab	CM14501004	2015	3	16880.00	Good	Inactive
195339	5014i	Sampler	Lab	CM13351001	2014	4	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
N/A	TEOM 1405	Sampler	Sheffield Elementary	1405A230661501	2015	3	17075.00	Good	Active
199823	TEOM 1405	Sampler	Mayo	1405A235821603	2016	8	16890.13	Good	Active
199821	TEOM 1405	Sampler	Lab	1405A235821603	2016	8	16890.13	Good	Parts
197613	TEOM 1405	Sampler	Lab	1405A230821502	2015	3	17075.00	Good	Inactive
N/A	Thermo 1405	Sampler	Lab	1405A241581808	N/A	N/A	N/A	Good	Backup
199822	TEOM 1405	Sampler PM10	Kooker Park	1405A235831603	2016	8	16890.13	Good	Active
N/A	TEOM 1405	Sampler PM2.5	Kooker Park	1405A236021603	N/A	N/A	N/A	Good	Active
N/A	CAS Cargo Container	Shelter	Kooker Park	N/A	2018	1	85852.38	Good	Active
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
N/A	Teledyne	T640	Pepsi Place	681	2019	N/A	23987.00	N/A	Active
N/A	Teledyne	T640X	Mandarin Rd	725	N/A	N/A	N/A	N/A	Active
138479	Trailer	Trailer	Kooker Park	N/A	1991	27	3697.90	Poor	Inactive
168912	Trailer	Trailer	Sheffield Elementary	N/A	N/A	N/A	N/A	Poor	Active
144808	Trailer	Trailer	Cedar Bay	N/A	1994	24	4643.20	Poor	Active
N/A	Trailer	Trailer	Mandarin Rd	N/A	N/A	N/A	N/A	Poor	Active
153455	Trailer	Trailer	Mayo	N/A	N/A	N/A	N/A	Poor	Active
184190	Trailer	Trailer	Cisco Dr	N/A	2009	9	5191.10	Good	Active
195343	Trailer	Trailer	Pepsi Place	N/A	N/A	N/A	N/A	Good	Active
144809	Trailer	Trailer	Water lab (temp)	N/A	1994	24	4643.20	Poor	Inactive
138480	Trailer	Trailer	Lab	N/A	1991	27	3697.90	Poor	Active
175935	Trailer	Trailer	Roselle & Copeland	N/A	2005	13	5755.00	Poor	Inactive
153454	Trailer	Trailer	Ft. Caroline	N/A	N/A	N/A	N/A	Poor	Inactive
65951	Dial-A-Volt	voltage supply	Lab	802	N/A	N/A	N/A	Good	Active
N/A	Dial-A-Volt	voltage supply	Lab	801	N/A	N/A	N/A	Good	Active
186648	111	Zero Air Gen	Cisco Dr	907935555	2009	9	3334.17	Good	Active
195342	701H	Zero Air Gen	Pepsi Place	753	N/A	N/A	N/A	Good	Active
186647	TE 111	Zero Air Gen	Sheffield Elementary	907935554	2009	9	3334.17	Good	Active
N/A	Teledyne	Zero Air Gen	Cedar Bay	5931	2017	1	5236.22	Good	Active
2002360	Teledyne	Zero Air Gen	Lab	5874	2017	1	5236.22	Good	Backup
N/A	Teledyne	Zero Air Gen	Lab	5876	2017	1	5236.22	Good	Backup
N/A	Teledyne	Zero Air Gen	Lab	5877	2017	1	5236.22	Good	Inactive
173297	IBM - ThinkPad		Lab	99-RZNFH	N/A	N/A	N/A	Fair	Active

Hillsborough County									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
163503	Thermo 43i	Sulfur Dioxide Analyzer	Apollo Bch	1151660006	10/31/2015	4	\$ 11,905.40	Good	Active
172237	Thermo 1405	TEOM PM MONITOR	Apollo Bch	1405A240991803	4/9/2018	1	\$ 20,565.75	Good	Active
	ADS NA	Zero Air System	Apollo Bch	NA	1/1/1999	21		Good	Stand-by
173298	Teledyne-API T701	Zero Air System	Apollo Bch	1250	7/31/2018	1	\$ 4,365.00	Good	Active
162036	Thermo 146i	DYNAMIC GAS CALIBRATOR	Apollo Bch	1150560040	3/11/2015	5	\$ 11,000.00	Good	Active
105560	Agilair 8832	DATA LOGGER	Apollo Bch	A4032K	10/15/1997	22	\$ 2,250.00	Good	Active
	Tisch TE-1000	High Volume Sampler	CSX Railyard	VFC P7639	8/12/2010	9		Good	Active
	Tisch TE-1000	High Volume Sampler	CSX Railyard	VFC P7669	8/12/2010	9		Good	Active
131962	ESC 8816	DATA LOGGER	CSX Railyard	5025	11/13/2003	16	\$ 6,255.00	Good	Active
159672	Thermo 49i	Ozone Analyzer	Davis Island	1417062039	6/19/2014	5		Good	Active
159674	Thermo 43i	Sulfur Dioxide Analyzer	Davis Island	JC1411401168	5/20/2014	5	\$ 11,905.40	Good	Active
164239	Thermo 1405	TEOM PM MONITOR	Davis Island	1405A233691512	4/30/2016	3	\$ 19,162.26	Good	Active
157344	Teledyne-API 701	Zero Air System	Davis Island	4536	6/12/2013	6	\$ 3,645.00	Good	Active
139231	Thermo 49i PS	Ozone Calibrator	Davis Island	0619417393	6/29/2006	13	\$ 2,567.50	Good	Active
162037	Thermo 146i	DYNAMIC GAS CALIBRATOR	Davis Island	1150560039	3/12/2015	5	\$ 13,000.00	Good	Active
105558	Agilair 8832	DATA LOGGER	Davis Island	A3193K	10/15/1997	22	\$ 2,250.00	Good	Active
162635	Thermo 43i	Sulfur Dioxide Analyzer	East Bay	1151630005	6/30/2015	4	\$ 11,905.40	Good	Active
174874	Teledyne-API	Zero Air System	East Bay	1612	3/31/2019	1	\$ 4,465.00	Good	Active
105566	Agilair 8832	DATA LOGGER	East Bay	A4031K	10/15/1997	22	\$ 2,250.00	Good	Active
169936	Thermo 146i	DYNAMIC GAS CALIBRATOR	East Bay	1171160009	6/15/2017	2	13,580.59	Good	Active
172238	Thermo 1405	TEOM PM MONITOR	Gandy	1405A241001803	4/9/2018	1	\$ 20,565.75	Good	Active
0173578	Thermo 49IQ	Ozone Analyzer	Gandy	1181870059	8/18/2018	1	\$ 12,838.68	Good	Active
142736	Thermo 49i PS	Ozone Calibrator	Gandy	0717722871	7/20/2007	12	\$ 9,583.68	Good	Active
105564	Agilair 8832	DATA LOGGER	Gandy	A3123K	10/15/1997	22	\$ 2,250.00	Good	Active
161072	Thermo 1405	TEOM PM MONITOR	Gardinier Park	1405A229161408	10/20/2014	5	\$ 17,290.00	Good	Active
118149	Agilair 8832	DATA LOGGER	Gardinier Park	A4030K	9/6/2001	18	\$ 6,080.00	Good	Active
	Tisch TE-1000	High Volume Sampler	Kenly	VFC P7539	6/3/2010	9		Good	Active
157304	Teledyne-API 633	Aethalometer	Munro Street	AE33-S01-00093	5/22/2013	6	\$ 20,292.80	Good	Active
157307	Teledyne-API T300U	CO	Munro Street	124	5/22/2013	6	\$ 12,578.10	Good	Active
157308	Teledyne-API T200UP	Nox	Munro Street	75	5/22/2013	6	\$ 24,934.80	Good	Active
174875	Teledyne-API T640	Continuous PM2.5	Munro Street	658	4/5/2019	0	\$ 24,053.00	Good	Active
157303	Teledyne-API 651	Ultrafine Particle Counter	Munro Street	M651130402	5/22/2013	6	\$ 24,399.50	Good	Active
155474	Teledyne-API T700U	DYNAMIC GAS CALIBRATOR	Munro Street	268/295	5/9/2012	7	\$ 12,775.61	Good	Active
157305	Teledyne-API 701H	Zero Air System	Munro Street	678	5/22/2013	6	\$ 6,815.10	Good	Active
157299	Agilair 8832	DATA LOGGER	Munro Street	A4646K	5/31/2013	6	\$ 9,690.00	Good	Active
	Tisch TE-1000	High Volume Sampler	Patent	VFC P7807	6/3/2010	9		Good	Active
142735	Thermo 49i	Ozone Analyzer	Simmons Park	0717722870	7/20/2007	12	\$ 7,092.77	Good	Active
	DIY	Zero Air System	Simmons Park	NA	2/21/2020	0		Good	Active
162634	Thermo 49i PS	Ozone Calibrator	Simmons Park	1151660005	7/1/2015	4	\$ 12,587.00	Good	Active
131960	Agilair 8832	DATA LOGGER	Simmons Park	A3124K	11/13/2003	16	\$ 5,000.00	Good	Active
162086	Teledyne-API 701H	Zero Air System	Sydney	115	5/11/2015	4	\$ 7,110.00	Good	Active
161613	URG 3000N	Carbon Sampling System	Sydney	B1164	3/3/2015	5	\$ 13,026.77	Good	Active
	ERG Carbonyl Sample	Carbonyl Sampling System	Sydney	C-6	Rotating			Good	Active
158214	Thermo 5014i	Continuous PM2.5 Beta	Sydney	CM13181009	7/11/2013	6	\$ 17,860.50	Good	Active
159671	Thermo 42i-Y	NO-DIF-NOY ANALYZER	Sydney	1417162075	6/24/2014	5	\$ 25,756.36	Good	Active
169938	Thermo 49i	Ozone Analyzer	Sydney	1171160008	5/11/2017	2	\$ 11,640.00	Good	Active
55972	General Metals PM10	Particulate Size Selective Inlet	Sydney	593	10/5/1988	31	\$ 1,980.00	Good	Active
87043	General Metals PM10	Particulate Size Selective Inlet	Sydney	597	10/5/1988	31	\$ 1,980.00	Good	Active
0169326	Thermo 2025i	PARTISOL SAMPLER PM10/PM2.5	Sydney	2025IW2 1164 1703	3/23/2017	3	\$ 18,430.75	Good	Active
0169293	Thermo 2025i	PARTISOL SAMPLER PM10/PM2.5	Sydney	2025IW2 1163 1703	3/23/2017	3	\$ 20,148.56	Good	Active
0169325	Thermo 2025i	PARTISOL SAMPLER PM10/PM2.5	Sydney	2025IW2 1151 1702	3/23/2017	3	\$ 20,148.56	Good	Active
	Tisch TE-1000	PUF Air Sampler	Sydney	11038				Good	Active
	Graseby TE-1000	PUF Air Sampler	Sydney	NA				Good	Active
150562	Thermo 43iTLE	SO2 Analyzer Trace	Sydney	910735777	4/21/2009	10	\$ 11,448.30	Good	Active
	Met One SASS	Speciation Aerosol Sampling System	Sydney	A4037	1/13/2005	15		Good	Active
164406	Thermo 48i TLE	Carbon Monoxide Trace level	Sydney	1160990209	7/25/2016	3	\$ 17,149.70	Good	Active
	Dwyer 475-2 Mark III	Digital Manometer	Sydney	N32JA				Good	Active
169937	Thermo 49i PS	Ozone Calibrator	Sydney	1171160007	6/15/2017	2	15,400.00	Good	Active
175877	Teledyne-API T700U	Multi-gas Dilution Calibrator	Sydney	525	8/21/2019	0	\$ 22,780.00	Good	Active
159102	BGI TriCal	TetraCal Flow Standard	Sydney	964				Good	Active
157300	Agilair 8832	DATA LOGGER	Sydney	A4645K	5/31/2013	6	\$ 9,690.00	Good	Active
176265	Agilair 8872	DATA LOGGER	AMD Lab	945	9/25/2019	0	\$ 9,735.00	Good	Stand-by
176266	Agilair 8872	DATA LOGGER	AMD Lab	946	9/25/2019	0	\$ 9,735.00	Good	Stand-by
176252	Teledyne T300U	CO Analyzer	AMD Lab	70310000473	9/17/2019	0	\$ 14,661.80	Good	Stand-by
175878	Teledyne-API T640	Continuous PM2.5	AMD Lab	744	8/21/2019	0	\$ 24,053.00	Good	Stand-by
175104	Thermo 43iQ	SO2 Analyzer	AMD Lab	1191032525	5/31/2019	0	\$ 20,030.02	Good	Stand-by
0173579	Thermo 49IQ-PS	Ozone Calibrator	AMD Lab	1181870060	9/17/2018	1	\$ 16,684.75	Good	Stand-by
163807	Teledyne-API 701	Zero Air System	AMD Lab	481	1/1/2016	4	\$ 4,385.00	Good	Stand-by
162688	Agilair 8872	DATA LOGGER	AMD Lab	478	9/3/2015	4	\$ 9,000.00	Good	Stand-by



162633	Thermo 49i	Ozone Analyzer	AMD Lab	1151660004	7/1/2015	4	\$ 9,139.00	Good	Stand-by
162087	Teledyne-API 701H	Zero Air System	AMD Lab	114	5/11/2015	4	\$ 7,110.00	Good	Stand-by
158964	Thermo 5014i	Continuous PM2.5 Beta	AMD Lab	13381008	2/24/2014	6	\$ 19,183.60	Good	Stand-by
157306	Teledyne-API T700U	Multi-gas Dilution Calibrator	AMD Lab	612/301	5/22/2013	6	\$ 16,178.80	Good	Stand-by
	Thermo 2025i	PARTISOL SAMPLER	AMD Lab	2025i20611201	3/12/2012	8		Good	Stand-by
153251	Met One BAM1020	Beta Gauge System	AMD Lab	K18874	11/29/2010	9	\$ 16,612.50	Good	Stand-by
153252	Met One BAM1020	Beta Gauge System	AMD Lab	K18875	11/29/2010	9	\$ 16,612.50	Good	Stand-by
	Tisch TE-1000	High Volume Sampler	EPC Boat House	VFC P7808	1/1/2010	10		Good	Stand-by
	URG 3000N	Carbon Sampling System	AMD Lab	3N-B0356	1/1/2009	11		Good	Stand-by
146302	Tisch PUF	PUF Air Sampler	EPC Boat House	2958	7/17/2008	11	\$ 2,645.00	Good	Stand-by
142735	Thermo 49i	Ozone Analyzer	AMD Lab	0717722870	7/20/2007	12	\$ 7,092.77	Good	Stand-by
139230	Thermo 49i	Ozone Analyzer	AMD Lab	0619417392	6/29/2006	13	\$ 7,077.00	Good	Stand-by
135869	Thermo 43CTLE	SO2 Analyzer Trace	AMD Lab	0509111179	6/30/2005	14	\$ 11,980.00	Good	Stand-by
132072	BGI TriCal	TetraCal Flow Standard	EPC Office	134	5/27/2004	15	\$ 2,027.50	Good	Stand-by
132073	BGI TriCal	TetraCal Flow Standard	EPC Office	135	5/27/2004	15	\$ 2,027.50	Good	Stand-by
130567	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	0401304578	1/29/2004	16	\$ 8,805.00	Good	Stand-by
130566	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	0401304577	1/29/2004	16	\$ 8,805.00	Good	Stand-by
123699	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	146C-74126-375	5/28/2002	17	\$ 7,924.50	Good	Stand-by
118924	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	146C-71430-368	10/26/2001	18	\$ 7,925.00	Good	Stand-by
118921	Thermo 49C	Ozone Analyzer	EPC Office	49C-71572-369	9/30/2001	18	\$ 6,354.00	Good	Stand-by
115247	R&P 1400ab	TEOM PM MONITOR	AMD Lab	140AB231200006	8/31/2000	19	\$ 17,590.00	Good	Stand-by
113125	Thermo 43C	SO2 Analyzer	AMD Lab	43C-64052-342	9/30/1999	20	\$ 8,460.00	Good	Stand-by
107287	Thermo 146C	DYNAMIC GAS CALIBRATOR	AQML	146C-60763-328	7/20/1998	21	\$ 10,230.00	Good	Stand-by
107295	Thermo 146C	DYNAMIC GAS CALIBRATOR	AMD Lab	146C-60569-327	7/20/1998	21	\$ 7,128.66	Good	Stand-by
102851	Thermo 49C	Ozone Analyzer	AMD Lab		10/17/1996	23	\$ 3,250.00	Good	Stand-by
55972	General Metals PM10	Particulate Size Selective Inlet	EPC Boat House	595	10/6/1988	31	\$ 3,513.31	Good	Stand-by
	Tisch TE-5170-DV TS	High Volume Sampler	EPC Boat House	P7404				Good	Stand-by
	Tisch TE-5170-DV TS	High Volume Sampler	EPC Boat House	P7405				Good	Stand-by
	Tisch TE-5170-DV TS	High Volume Sampler	EPC Boat House	P7406				Good	Stand-by
	Tisch TE-5170-DV TS	High Volume Sampler	EPC Boat House	P7407				Good	Stand-by
	Tisch TE-5170-DV TS	High Volume Sampler	EPC Boat House	P7408				Good	Stand-by
	Thermo 49iPS	Ozone Calibrator	AMD Lab					Good	Stand-by
	Thermo 49i	Ozone Analyzer	AMD Lab	CM08320014				Good	Stand-by

**Palm Beach County**

**\*\*Condition:** 1-new, 2-good, 3-satisfactory, 4-fair, 5-poor.

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
F0179600000000	Hitachi	OSCILLOSCOPE,TRANSCAT MDL 8578	HQ	7092874	12/9/1987	33	\$1,005.48	3	
F0726500000000	Andersen Sampler, Inc	AIR SAMPLER,MDL,PM-10	BG	68-13	4/28/1989	31	\$2,858.95	3	
F0743500000000	Andersen Sampler, Inc	SAUV-16H HIGH VOLUME AIR SAMPL (HEAD)	BG	10-16	5/17/1989	31	\$2,858.75	3	
G0178800000000	Tisch Environmental, Inc	SAMPLER SYSTEM, PUF GPS-1	BG	13905	1/22/1991	29	\$1,925.00	3	
G0906200000000	Entech Instrument	ORG.COMPOUND CANISTER 87-200	RBWH	391-265	4/4/1991	29	\$6,825.00	4	
J0356600000000	Thermo Environmental	ZERO AIR SUPPLY III	HQ	111-34508-248	9/13/1991	29	\$2,783.50	3	
J0360000000000	Wells Cargo	TRAILER,WELLS CARGO MDL EW1211	TMB	1WC200E18N3022776	3/16/1992	28	\$8,170.00	3	This trailer was towed to the warehouse.
J0804300000000	Thermo Environmental	ZERO AIR SUPPLY MDL 111	HQ	111-34901-248	10/10/1991	29	\$2,783.50	3	
J0831200000000	Thermo Environmental	MULTIGAS CALIBRATOR MDL 146	RBWH	146T-36529-253	2/5/1992	28	\$8,392.14	3	Old and obsolete
K0266000000000	Bios International	CALIBRATOR KIT W/CELL&PRINTER	HQ	B4702001144	4/7/1993	27	\$2,321.15	3	Dry Cal flow standard
101344280000000	Wells Cargo	2001 TRAILER, WELL CARGO UTIL	RPB	1WC200H2513047441	10/1/2001	19	\$11,690.35	3	2001 TRAILER, WELL CARGO UTIL
101344290000000	Entech Instrument, Inc.	WEEKLY TIMER MODULE	HQ	160	10/1/2001	19	\$1,150.00	3	RESCUECHAIR, #1900, Part of Toxic
101344680000000	Dell	PC, DELL DESKTOP	RPB	CC2Q211	12/19/2001	19	\$1,675.00	3	PC, DELL DESKTOP. 10/13/2014-To be surplussed as soon as new PC installed at
101344690000000	Dell	PC, DELL DESKTOP	RBWH	8C2Q211	12/19/2001	19	\$1,675.00	3	PC, DELL DESKTOP. 10/13/2014-To be surplussed as soon as data is backup..WAD
101350090000000	BGI Inc	PUMP PZM-200 SAMPLING SYSTEM	HQ	1662	10/16/2000	20	\$8,539.03	2	PUMP PZM-200 SAMPLING SYSTEM PM2.5 single sampler
101350160000000	Sartorius	ANALYTICAL FILTER WEIGHT BALNC	HQ	12008133	9/28/2000	20	\$4,459.00	3	ANALYTICAL FILTER WEIGHT BALNC
101350550000000	Thermo Environmental	PHOTOMETRIC ANALYZER UB #49C	HQ	49G67037-354	8/24/2000	20	\$7,875.00	3	PHOTOMETRIC ANALYZER UB #49C
101358470000000	Thermo Environmental	THERMO ELECT CALIBRATOR 146-C	HQ	146C-61874-333	10/2/1998	22	\$10,100.00	3	THERMO ELECT CALIBRATOR 146-C
101358770000000	Thermo Environmental	TEC0111-001 ZERO AIR SUPPLY	HQ	11161759-333	11/2/1998	22	\$3,990.00	2	TEC0111-001 ZERO AIR SUPPLY
101358780000000	Thermo Environmental	TECO 111-001 ZERO AIR SUPPLY	HQ	11161757-333	11/2/1998	22	\$3,990.00	3	In use
101437590000000	Dell	PC, DELL GX240 OPTIPLEX	HQ	CQZVG11	5/20/2002	18	\$1,196.60	2	In use. 10/13/2014: Removed from AG Holley when the site was closed. To be surplussed.
101437660000000	Dell	PC, DELL GX240 OPTIPLEX MINITR	TMB	H77V611	5/20/2002	18	\$1,196.80	2	In use. 9/10/2014: Unit was surplussed through IT
101438660000000	Dell	(COMPUTER)-STATION MANAGER DATA LOGGER	RBWH	11VW321	12/23/2002	18	\$1,950.00	3	Obsolete
101439180000000	Thermo Environmental	SQUENTIAL SAMPLER 2025	RPB	2025B-21580-0204	2/5/2003	17	\$1,000.00	2	In Use, We use SN 21580
101439350000000	Dell	LAPTOP, DELL TOUGHBOOK 34-P3	HQ	ZAKYA	4/28/2003	17	\$2,405.00	2	Obsolete and Broken
101530530000000	Dell	SERVER, EMC CENTRAL DATABASE	HQ	1GJIL21	10/1/2003	17	\$1,500.00	2	Obsolete 9/10/2014: The unit was surplussed through IT.
101530760000000	Dell	LAPTOP, DELL INSPIRON 8500	Surplus	BBG3L31	10/24/2003	17	\$4,122.00	2	Surplussed
101553330000000	Thermo Environmental	U.V. PHOTOMETRIC 03 CALIBRATOR, 49C PS	RPB	517511995	6/27/2005	15	\$8,127.00	2	Old, not in use
101553730000000	Thermo Environmental	CORRELATION CARBON MONOXIDE ANALYZER, GAS FILTER	HQ	335203744	1/8/2004	16	\$8,559.00	2	Old, Not in use
101553740000000	Thermo Environmental	OZONE UV PHOTOMETRIC ANALYZER	HQ	335103738	1/8/2004	16	\$6,354.00	2	Old, In use. 10/13/2014: Removed from AG Holley when it was closed.WAD
101553750000000	Thermo Environmental	PULSED FLUORESCENCE AMBIENT SULFUR DIOXIDE ANALYZER	HQ	335003719	1/8/2004	16	\$8,460.00	2	Old, Not in use Approx 9/2014, Unit was surplussed.
101612210000000	Agilaire	DATA LOGGER, ESC MODEL 8832 AMBIENT	HQ	A0633	6/27/2005	15	\$5,280.00	2	In use 4/14/2013: Calibrate Datalogger. 1/3/2014 : Unit is still in use at 20 Mile Bend. Brought to HQ after TMB was closed...WAD
101612220000000	Agilaire	DATA LOGGER, ESC MODEL 8832 AMBIENT	AGH	A1030	6/27/2005	15	\$5,280.00	2	In use
101612230000000	Agilaire	DATA LOGGER, ESC MODEL 8832 AMBIENT	HQ	A1028	6/27/2005	15	\$5,280.00	2	
101612240000000	Agilaire	DATA LOGGER, ESC MODEL 8832 AMBIENT	HQ	A1031	6/27/2005	15	\$5,280.00	2	
101612260000000	Thermo Environmental	TEC0111-001 ZERO AIR SUPPLY, Compressor/Pump	HQ	517912030	6/27/2005	15	\$2,970.00	2	in use, at TMB Part of same order PCN 10161226/10161227 At HQ after TMB was closed - WAD

10161227000000	Thermo Environmental	TEC0111-001 ZERO AIR SUPPLY	RPB		6/27/2005	15	\$1,188.00	2	At Royal Palm Beach, Part of same order PCN 10161226/10161227
10161244000000	Thermo Environmental	PARTISOL PLUS PM 2.5	RPB	99-008806	1/2/2007	13	\$12,840.00	2	In use, SN 21927
10161283000000	Thermo Environmental	491 OV PHOTOMETRIC OZONE ANALYZER	HQ	601213850	11/16/2005	15	\$6,673.50	2	In Lab
10161284000000	Thermo Environmental	421 CHEMILUMINESCENT NOX ANALYZER MONITOR, BETA ATTENUATION W/POWER SUPPLY & ACCESSORIES	HQ	601213919	11/16/2005	15	\$9,733.50	2	In lab to be repaired
10161286000000	Met One Instrument	AMBIENT DATA LOGGER ESC, MODEL 8832	BG	E5632	11/16/2006	14	\$15,950.00	2	In the Lab for repair.
10164104000000	Agilair	LOW FLOW 5-500 SCCM	HQ	A1201	11/28/2005	15	\$6,020.00	2	In use
10164105000000	Bios International Corpor	HIGH FLOW 500-50,000	HQ	105982	11/30/2005	15	\$4,000.00	2	Flow calibrator
10164106000000	Bios International Corpor	MULTI-GAS CALIBRATION SYSTEM	TMB	106379	11/30/2005	15	\$4,000.00	2	Flow calibrator. 1/14/2014: Unit sent to MESA Laboratory for annual calibration.
10164108000000	Enviroics	CALIBRATION SYSTEM 6100	HQ	3702	12/6/2005	15	\$8,415.00	2	In use
10164169000000	Enviroics	UV PHOTOMETRIC OZONE ANALYZER GAS FILTER CORELATION CO	HQ	3830	9/12/2006	14	\$8,415.00	2	
10167975000000	Thermo Environmental	ANALYZER MEASUREMENT	RPB	711721591	4/11/2007	13	\$6,777.00	2	In use
10167990000000	Enviroics	CALIBRATION SYSTEM SERIES 6100	AGH	703320497	1/26/2007	13	\$9,085.50	2	
10167996000000	Enviroics	TELEDYNE-API MODEL 703E UV PHOTOMETRIC MONITOR	AGH	3885	12/4/2006	14	\$8,415.00	2	In use
10167997000000	Teledyne/API	TRAILER, ENCLOSED FOR ENVIRONMENTAL	AGH	58	10/31/2006	14	\$8,550.00	2	In use. Receipt date Nov 6, 2011
10172005000000	Wells Cargo	FILTER EXCHANGE MECHANISM REV A	AGH	1WC200H2543051414	10/1/2006	14	\$13,750.00	2	
10172017000000	Thermo Environmental	BETA ALLENATION MASS MONITOR, BAM1020 2.3FEM	HQ	7022802	6/27/2007	13	\$1,471.00	2	This was a repair part and should not have had its own PCN
10172394000000	Met One Instrument	DEFINER 220 HIGH FLOW; RANGE:300-30,000 SCCM	RPB	6214	10/1/2007	13	\$21,970.00	2	In use. In trailer
10172395000000	Bios International Corpor	SULFUR DIOXIDE ANALYZER, 431 PULSED	HQ	112349	9/30/2007	13	\$2,000.00	2	In use
10172396000000	Thermo Environmental	EXPRESS WAGON 16', MODEL EW1622	HQ	CM07350001	10/8/2007	13	\$9,775.50	2	
10174734000000	Wells Cargo	ULTRASONIC ANEMOMETER, YOUNG 85000	BG	1WC200G238305845	6/3/2008	12	\$5,625.00	2	Trailer in Belle Glade Broken Beyond Repair - Damage by birds Approx 9/2014, Unit was surplus.
10174735000000	R. M. Young	ULTRASONIC ANEMOMETER, YOUNG 85000	Surplus	1349	5/1/2008	12	\$1,460.00	2	Broken Beyond Repair - Damage by birds Approx 9/2014, Unit was surplus.
10174736000000	R. M. Young	ULTRASONIC ANEMOMETER, YOUNG 85000	Surplus	1348	5/1/2008	12	\$1,460.00	2	Broken Beyond Repair - Damage by birds Approx 9/2014, Unit was surplus.
10174743000000	Thermo Environmental	PARTIED PLUS 2025 SEQUENTIAL AIR SAMPLER	DB	2025B2221502805	6/16/2008	12	\$12,464.95	2	On roof of Delray Beach building
10174745000000	Thermo Environmental	4211 CHEMILUMINE NO-NO2 NOX ANALYZER	HQ	816130476	5/1/2008	12	\$10,706.50	2	evaluation quote from TEI for repair...WAD 11/20/2013: Unit shipped to Thermo Environmental for Repair...WAD Going to 20 mile bend as soon as Feds let us resume operations. 11/20/2013: The unit was shipped to TEI for evaluation. 12
10174758000000	Agilair	DATA SYSTEM CONTROLLER, AMBIENT ESC MODEL 8832	HQ	A2821K	9/29/2008	12	\$6,865.00	2	May have been damaged in the power outage at AGH
10175925000000	Thermo Environmental	UV PHOTOMETRIC OZONE (03) PRIMARY SOURCE CALIBRATOR	HQ	0906335234	2/23/2009	11	\$10,165.00	2	In lab for repair
10175926000000	Met One Instrument	BETA-ATTENUATION MASS MONITOR, POWER SUPPLY	BG	H8630	2/23/2009	11	\$14,300.00	2	In use
10175934000000	Thermo Environmental	PHOTOMETRIC OZONE ANALYZER, 4911 UV	HQ	0908635705	4/6/2009	11	\$7,533.50	2	10/15/2014....The front screen is illuminated but blank. Jason called TEI for help...wad. Determined that the 491 processor board was bad. Prepared quote and requested to order the parts. Additional parts order - ozone lamps and capillaries.

101825770000000	Dell	SERVER, DELL POWEREDGE T150	HQ	5969FN1	8/26/2010	10	\$3,512.00	1	Air Vision Database Computer, Computer is T110. The unit was sent to Agilaire in September 2014 to expand the system partition. Unit was returned it is operating satisfactorily.
101826130000000	Met One Instrument	BETA ATTENUATION MASS MONITOR W/POWER	HQ	K18547	12/9/2010	10	\$12,452.60	1	Running as PM10. Taken to HQ when AGH was closed - WAD
101826150000000	Dell	LAPTOP, DELL LATITUDE E6400 XFR	HQ	GJL8XL1	11/17/2010	10	\$4,431.00	1	In use
101871770000000	Teledyne/API	NOX ANALYZER	HQ	205	12/2/2011	9	\$10,695.00	1	in use at AGH. Removed to HQ when AGH was closed...WAD
101887320000000	Enviroics	OZONE TRANSFER STANDARD SERIES 6103	HQ	4595	11/13/2009	11	\$7,824.00	1	10/10/13: Unit moved from AGH to HQ. 12/16/13: PO approved for repair evaluation; awaiting RMA number from enviroics to sent the units in.
101887330000000	Enviroics	OZONE TRANSFER STANDARD SERIES 6103	HQ	4594	11/13/2009	11	\$7,824.00	1	Needs repair. 12/16/13: PO approved for repair evaluation; awaiting RMA number from enviroics to sent the units in.
101920710000000	Thermo Environmental	PARTISOL 2025i SEQUENTIAL AIR SMAPLER	HQ	2025i-2036671303	4/29/2013	7	\$13,200.50	1	
	Teledyne/API	OZONE TRANSFER STANDARD 703U	LL	254	8/15/2019	1	\$15,208.00	1.00	
102149970000000	Teledyne/API	PARTICULATE MATTER ANALYSER 640X	HQ	807	8/15/2019	1	\$37,763.00	1.00	NOT IN USE YET

Pinellas County									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
na	Agilaire 8872	data logger	Skyview	0411	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Derby Lane	0309	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Azalea	0307	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Gateway	0311	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Clearwater	0308	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	E lake	0310	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Oakwood	0312	na	6	6,800	Good	deployed
na	Agilaire 8872	data logger	Sawgrass	0412	na	5	6,800	Good	deployed
na	Agilaire 8872	data logger	office	na	na	3	6,800	Good	spare
na	ESC 8816	data logger	office	na	na	17	6,800	Fair	spare
na	ESC 8816	data logger	office	na	na	17	6,800	Fair	spare
na	ESC 8816	data logger	office	na	na	16	6,800	Fair	spare
na	ESC 8816	data logger	office	na	na	16	6,800	Fair	spare
na	TEI 42i	Nox	Azalea	11636300019	na	3	15,000	Good	deployed
na	API 500U	NO2	Sawgrass	108	na	4	27,500	Good	deployed
na	API 300	CO	office	2425	na	3	9,100	Good	spare
na	API 300U	CO trace	Sawgrass	242	na	4	13,600	Good	deployed
na	API400E	Ozone	E lake	2560	na	8	8,100	Good	deployed
na	API400E	Ozone	Azalea	3071	na	3	8,100	Good	deployed
na	API400E	Ozone	Clearwater	2545	na	8	8,100	Good	deployed
na	APITT400	Ozone	na	na	na	9	8,100	Good	spare
na	API T703E	O3 primary	E lake	61	na	10	11,000	Good	deployed
na	API T703E	O3 primary	Azalea	332	na	6	11,000	Good	deployed
na	API T703E	O3 primary	Clearwater	331	na	6	11,000	Good	deployed
na	API T703E	O3 primary	na	na	na	7	11,000	Good	spare
na	API 700U	calibrator	Sawgrass	251	na	4	26,000	Good	deployed
na	TEI43i	SO2	Oakwood	1170120019	na	3	12,500	Good	deployed
na	TEI43i	SO2	Derby Lane	1163630020	na	3	12,500	Good	deployed
na	TEI43C	SO2	na	43C-66211-351	na	18	na	Fair	spare
na	Environics 6100	calibrator	Sawgrass	65512	na	4	11,000	Good	deployed
na	Environics 6100	calibrator	Azalea	3942	na	7	11,000	Good	deployed
na	Environics 6100	calibrator	Derby Lane	6551	na	4	11,000	Good	deployed
na	Environics 6103	calibrator	Gateway	2818	na	9	11,000	Good	spare
na	Environics 6100	calibrator	Oakwood	6186	na	4	11,000	Good	deployed
na	R M Young 5305	wind system	Sawgrass	5	na	4	1,100	Good	deployed
na	R M Young 5305	wind system	Azalea	2	na	9	1,100	Good	deployed
na	R M Young 5305	wind system	Elake	1	na	3	1,100	Good	deployed
na	R M Young 5305	wind system	Skyview	1	na	4	1,100	Good	deployed
na	Aluma Tower 10m	wind tower	Skyview	na	na	17	2,000	Fair	deployed
na	Aluma Tower 10m	wind tower	E lake	na	na	12	2,000	Fair	deployed
na	Aluma Tower 10m	wind tower	Azalea	na	na	22	2,000	Fair	deployed
na	Aluma Tower 10m	wind tower	Sawgrass	na	na	4	4,100	Good	deployed
na	API 70H	zero air	Sawgrass	136	na	4	7,500	Good	deployed
na	API 70H	zero air	Azalea	240	na	4	7,500	Good	deployed
na	TEI FRM 2025	FRM 2.5	Sandy lane	2025B223420808	na	11	12,500	Fair	deployed
na	TEI FRM 2025	FRM 2.5	na	2025B219340701	na	12	12,500	Fair	spare
na	TEI FRM 2025	FRM 2.5	na	2025B222800806	na	11	12,500	Fair	spare
na	API 640X	PM10/PM2.5	Azalea	218	na	2	37,000	Good	deployed
na	TEI 1405	PM2.5	E Lake	1405A235701603	na	4	23,000	Good	deployed
na	Magee 633	Aethalometer	Skyview	AE33-S01-00107	na	6	26,800	Good	deployed
na	Magee 633	Aethalometer	Sawgrass	AE33-S03-00336	na	4	30,000	Good	deployed
na	Shelter	Coastal	Derby Lane	na	na	18	na	Fair	deployed
na	Shelter	N/A	CW site	na	na	4	na	Fair	deployed
na	Shelter	Adv. Modular	Gateway	na	na	17	na	Fair	deployed
na	Shelter	GE Capitol	East Lake Site	na	na	13	na	Fair	deployed
na	Shelter	Robin Builders	Skyview	na	na	18	na	Fair	deployed
na	Shelter	Robin Builders	Azalea Park	na	na	21	na	Fair	deployed
na	Shelter	N/A	Oakwood site	na	na	26	na	Fair	deployed
na	Shelter	na	Sawgrass Park	na	na	5	27,500	Good	deployed
na	Met One E Bam+	PM10	Woodlawn	X19178	na	1	11,000	Good	deployed
na	Met One E Bam+	PM10	Motor pool	X19175	na	1	11,000	Good	deployed
na	API 640X	PM2.5	Clearwater	na	na	1	23,000	Good	deployed
na	API 640X	PM2.5	Office	na	na	0.5	24,000	Good	spare
na	API 70H	zero air	Derby Lane	na	na	1	5,200	Good	deployed
na	API 70H	zero air	Oakwood	na	na	1	5,200	Good	deployed
na	API T703E	O3 primary	na	na	na	1	11,000	Good	spare

Manatee County									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
N/A	Thermo 49i PS	PS	Port	1311657726	2011	9	\$10,417.00	Good	Active
N/A	Thermo 49i PS	PS	39th	1116648522	2011	9	\$10,417.00	Good	Active
N/A	Thermo 49i PS	PS	Gt Bray	1023843898	2013	7	\$10,417.00	Good	Active
N/A	2b Technologies 202	O3 monitor	Gt Bray	903	2010	10	\$5,000.00	Good	Active
N/A	2b Technologies 202	O3 monitor	Office	1221	2012	8	\$5,000.00	Good	Active
N/A	2b Technologies 202	O3 monitor	39th	1092	2011	9	\$5,000.00	Good	Active
N/A	2b Technologies 202	O3 monitor	office	1094	2011	9	\$5,000.00	Good	Backup
N/A	2b Technologies 211	O3 monitor	Spare	34	2020	0	\$13,000.00	Good	Evaluation
N/A	ESC Datalogger 8872	Data logger	office	1013	2020	0	\$8,285.00	Good	Evaluation
N/A	ESC Datalogger 8872	Data logger	39th	8872_385	2014	6	\$7,640.00	Good	Active
N/A	ESC Datalogger 8872	Data logger	Gt Bray	8872_0796	2017	3	\$7,640.00	Good	Active
N/A	ESC Datalogger 8872	Data logger	Port	8872_0854	2018	2	\$7,640.00	Good	Active
N/A	ESC Datalogger 8832	Data logger	Office	A4002K	2012	8	\$7,640.00	Good	Backup
N/A	ESC Datalogger 8832	Data logger	office	A1583K	2006	14	\$7,640.00	Good	Backup
N/A	ESC Datalogger 8832	Data logger	office	A3763k	2011	9	\$7,640.00	Good	Backup
N/A	RM Young 85000	Anenometer	Port	N/A	2011	9	\$1,390.00	Good	Active
N/A	RM Young 85000	Anenometer	Gt Bray	N/A	2011	9	\$1,390.00	Good	Active
N/A	RM Young 85000	Anenometer	39th	N/A	2013	7	\$1,390.00	Good	Active
N/A	Fluke 51 II	Thermometer	office	14390153	2010	10	\$270.00	Good	Active
N/A	Bios 220 Definer	flow sensor	office	135621	2014	6	\$2,125.00	Good	Active
N/A	Fluke 715	voltage generator	office	2799124	2014	6	\$1,200.00	Good	Active
N/A	Fluke 175	volt meter	office	41440651	2018	2	\$300.00	Good	Active
N/A	Fluke 175	volt meter	office	15880829	2011	9	\$300.00	Good	Active
N/A	Fluke 1623-2	Ground tester	office	St144506177B2	2012	8	\$2,700.00	Good	Active
N/A	Air Monitoring shelter	Shelter	Gt Bray	N/A	2016	4	\$24,651.00	Good	Active
N/A	Air Monitoring shelter	Shelter	Port	N/A	2012	8	NA	Good	Active
N/A	Air Monitoring Trailer	Shelter	39th	N/A	1998	22	\$18,335.00	Fair	Active
N/A	Gast 1HAB-11T-M100x	Zero Air	Gt Bray	N/A	2018	2	\$1,082.05	Good	Active
N/A	Gast 1HAB-11T-M100x	Zero Air	Port	N/A	2018	2	\$1,082.05	Good	Active
N/A	Gast 1HAB-11T-M100x	Zero Air	39th	N/A	2018	2	\$1,082.05	Good	Active
N/A	Gast 1HAB-11T-M100x	Zero Air	Gt Bray	N/A	Unknown	Unknown	\$1,082.05	Fair	Backup
N/A	Gast 1HAB-11T-M100x	Zero Air	Port	N/A	Unknown	Unknown	\$1,082.05	Fair	Backup
N/A	Gast 1HAB-11T-M100x	Zero Air	39th	N/A	Unknown	Unknown	\$1,082.05	Fair	Backup
N/A	Gast 1HAB-11T-M100x	Zero Air	office	N/A	Unknown	Unknown	\$1,082.05	Fair	Backup
N/A	Omega 303AV	Shelter Tem	Port	60637	2018	2	\$330.00	Good	Active
N/A	Omega 303AV	Shelter Tem	39th	60640	2018	2	\$330.00	Good	Active
N/A	Omega 303AV	Shelter Tem	Gt Bray	60937	2018	2	\$330.00	Good	Active
N/A	LabComp ATX	Shelter temp	Gt Bray	182	Unknown	Unknown	\$255.00	Fair	Backup
N/A	LabComp ATX	Shelter temp	Port	183	Unknown	Unknown	\$255.00	Fair	Backup
N/A	LabComp ATX	Shelter temp	39th	189	Unknown	Unknown	\$255.00	Fair	Backup
N/A	Extech AN400	Anenometer	Office	N/A	Unknown	Unknown	\$189.00	Fair	Active
N/A	Glen Martin MF1331	Met Tower	Port	N/A	2016	4	\$5,260.00	Good	Active
N/A	Glen Martin MF1331	Met Tower	Gt Bray	N/A	1998	22	\$5,260.00	Fair	Active
N/A	Glen Martin MF1331	Met Tower	39th	N/A	1998	22	\$5,260.00	Fair	Active
N/A	Omega HX93bv1-D	Temp Sensor	office	N/A	2015	5	\$255.00	Good	Backup
N/A	Omega HX93bv1-D	Temp Sensor	office	N/A	2013	7	\$255.00	Good	Backup
N/A	AirLink GX400	Communications	Gt Bray	N/A	2012	8	\$750.00	Good	Active
N/A	AirLink GX400	Communications	Port	N/A	2012	8	\$750.00	Good	Active
N/A	AirLink GX400	Communications	39th	N/A	2012	8	\$750.00	Good	Active
N/A	Various	Dehumidifier	39th	N/A	Unknown	Unknown	\$230.00	fair	Active
N/A	Various	Dehumidifier	Port	N/A	Unknown	Unknown	\$230.00	fair	Active
N/A	Various	Dehumidifier	Gt Bray	N/A	Unknown	Unknown	\$230.00	fair	Active
N/A	RM Young	Rain gauge	39th	N/A	2019	1	\$600.00	fair	Active
N/A	RM Young	Rain gauge	Port	N/A	2019	1	\$600.00	fair	Active
N/A	RM Young	Rain gauge	Gt Bray	N/A	2019	1	\$600.00	fair	Active
N/A	Oakton 03316-72	barometer	Office	880891	2019	1	\$230.00	fair	Active

**Miami-Dade County**

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242751901	2/15/2019	0	#####	Good	Active
655487	Thermo 1400A	PM Analyzer	Kendall	140AB246900307	7/18/2003	17	#####	Good	Active
655488	Thermo 1400A	PM Analyzer	Homestead Fire Station	140AB246910307	7/18/2003	17	#####	Good	Active
ID Requested	Thermo 2025i	PM2.5 Sampler	Miami Fire Station	2025i W20908 1509	9/17/2015	5	#####	Good	Active
808752	Teledyne 300E	CO Analyzer	Lab Annex	2231	9/29/2008	12	\$6,600.00	Good	Active
828399	Thermo 431	SO2 Analyzer	Pennsuco	1305956985	2012	8	#####	Good	Active
847867	Thermo 491	Ozone Analyzer	Perdue	1429063113	10/2/2014	6	\$8,260.00	Good	Active
847984	Thermo 491	Ozone Analyzer	Perdue	1429063114	10/9/2014	6	\$8,260.00	Good	Active
821943	Thermo 491-PS	Ozone Calibrator	Perdue	1106747387	2012	8	#####	Good	Active
828400	Thermo 491-PS	Ozone Calibrator	Rosenstiel	1303256525	2012	8	#####	Good	Active
650571	Enviroics 6100	Calibrator	Lab Annex	2988	9/9/2002	18	\$9,800.00	Good	Active
847518	Enviroics 6100	Calibrator	Pennsuco	6149	6/12/2014	6	\$9,800.00	Good	Active
850706	Enviroics 6100	Calibrator	Rosenstiel	6255	3/23/2015	5	\$9,800.00	Good	Active
852468	ESC 8872	Data Logger	Perimeter Road	0480	2017	3	\$9,125.00	Good	Active
854375	ESC 8872	Data Logger	Perdue	0582	2017	3	\$9,125.00	Good	Active
857329	ESC 8872	Data Logger	Rosenstiel	0693	2017	3	\$9,125.00	Good	Active
857331	ESC 8872	Data Logger	Lab Annex	0692	2017	3	\$9,125.00	Good	Active
819570	Teledyne M701	Zero Air Generator	Lab Annex	3299	2012	8	N/A	Good	Active
819574	Teledyne M701	Zero Air Generator	Pennsuco	3295	2012	8	N/A	Good	Active
819575	Teledyne M701	Zero Air Generator	Rosenstiel	3298	2012	8	N/A	Good	Active
856743	Teledyne T200	NO2 Analyzer	Lab Annex	3574	2017	3	#####	Good	Active
847698	Teledyne T200	NO2 Analyzer	Rosenstiel	1550	9/3/2014	6	#####	Good	Active
841289	Teledyne T200UP	NO2 TL Monitor	Perimeter Road	117	2018	2	#####	Good	Active
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	213	2017	3	#####	Good	Active
841290	Teledyne API T640X	PM2.5 & PM10 Analyzer	Miami Fire Station	287	2017	3	#####	Good	Active
854236	Teledyne T700U	Calibrator	Perimeter Road	257	7/31/2015	5	#####	Good	Active
853352	Teledyne T701H	Zero Air Generator	Perimeter Road	145	7/31/2015	5	\$7,850.00	Good	Active
609076	737	Zero Air Generator	Office	2645	1/21/1999	21	N/A	Good	Inactive
609076	737	Zero Air Generator	Office	2645	1/21/1999	21	N/A	Good	Inactive
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242551812	12/30/2018	2	#####	Good	Inactive
ID Requested	Thermo 1405	PM Analyzer	Office	1405A242751901	12/30/2018	2	#####	Good	Inactive
659433	Thermo 2025	PM2.5 Sampler	Office	2025B216240304	7/18/2003	17	N/A	Poor	Inactive
655485	ESC 8816	Data Logger	Office	4948	7/14/2003	17	N/A	Good	Inactive
640071	ESC 8816	Data Logger	Office	1585	3/1/2002	18	N/A	Good	Inactive
640070	ESC 8816	Data Logger	Office	4442	3/1/2002	18	N/A	Good	Inactive
640068	ESC 8816	Data Logger	Office	4440	3/1/2002	18	N/A	Good	Inactive
640069	ESC 8816	Data Logger	Office	4441	3/1/2002	18	N/A	Good	Inactive
640072	ESC 8816	Data Logger	Office	4444	3/1/2002	18	N/A	Good	Inactive
640073	ESC 8816	Data Logger	Office	4445	3/1/2002	18	N/A	Good	Inactive
640067	ESC 8816	Data Logger	Office	4439	3/1/2002	18	N/A	Good	Inactive
655484	ESC 8816	Data Logger	Office	48C-60244-327	7/14/2003	17	N/A	Poor	Inactive
640074	ESC 8816	Data Logger	Office	4437	3/1/2002	18	N/A	Poor	Inactive
650647	ESC 8816	Data Logger	Office	0331002823	9/13/2002	18	N/A	Poor	Inactive
650648	ESC 8816	Data Logger	Office	48C-62461-335/5	9/13/2002	18	N/A	Poor	Inactive
828028	ESC 8832	Data Logger	Office	A4448K	2010	10	\$6,600.00	Good	Inactive
828029	ESC 8832	Data Logger	Office	A4446K	2010	10	\$6,600.00	Good	Inactive
828030	ESC 8832	Data Logger	Office	A4449K	2010	10	\$6,600.00	Good	Inactive
527508	1200	PM10 Head	Office	2117	7/27/1993	27	N/A	Good	Inactive
496260	1200	PM10 Head	Office	2747	5/10/1988	32	N/A	Good	Inactive
496261	1200	PM10 Head	Office	2748	5/10/1988	32	N/A	Good	Inactive
655489	Thermo 1400A	PM Analyzer	Office	140AB246890307	9/4/2009	11	#####	Poor	Inactive
661185	Thermo 2025i	PM2.5 Sampler	Office	2025B217240408	9/14/2004	16	N/A	Good	Inactive
659434	Thermo 2025i	PM2.5 Sampler	Office	2025B216110301	7/18/2003	17	N/A	Poor	Inactive
659435	Thermo 2025i	PM2.5 Sampler	Office	2025B216260304	7/18/2003	17	N/A	Poor	Inactive
661184	Thermo 2025i	PM2.5 Sampler	Office	2025B217190408	7/18/2003	17	N/A	Poor	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW210901606	7/8/2016	4	#####	Good	Inactive
854398	Thermo 2025i	PM2.5 Sampler	Office	2025iW210421605	9/17/2015	5	#####	Good	Inactive
848716	Thermo 2025i	PM2.5 Sampler	Office	2025i206811408	9/4/2014	6	#####	Good	Inactive
ID Requested	Thermo 2025i	PM2.5 Sampler	Office	2025iW209101509	9/17/2015	5	#####	Poor	Inactive

808753	Teledyne 300E	CO Analyzer	Office	2233	9/29/2008	12	\$6,600.00	Good	Inactive
808754	Teledyne 300E	CO Analyzer	Office	2234	9/29/2008	12	\$6,600.00	Good	Inactive
658304	Thermo 42C	NO2 Analyzer	Office	0331002822	9/25/2003	17	N/A	Good	Inactive
819196	Thermo 42I	NO2 Analyzer	Office	1007741317	2010	10	N/A	Good	Inactive
818999	Thermo 42I	NO2 Analyzer	Office	CM10360071	2009	11	N/A	Good	Inactive
811764	Thermo 42I	NO2 Analyzer	Office	CM08190013	9/29/2008	12	N/A	Good	Inactive
661214	Thermo 43C	SO2 Analyzer	Office	0431709340	9/30/2004	16	N/A	Good	Inactive
658302	Thermo 43C	SO2 Analyzer	Office	0333503279	9/25/2003	17	N/A	Good	Inactive
850213	Thermo 43I	SO2 Analyzer	Pennsuco	JB1423701318	11/13/2014	6	#####	Good	Inactive
661212	Thermo 48C	CO Analyzer	Office	0431709338	9/30/2004	16	N/A	Good	Inactive
661213	Thermo 48C	CO Analyzer	Office	0431709339	9/30/2004	16	N/A	Good	Inactive
659392	Thermo 49C	Ozone Analyzer	Office	03265000001331	9/25/2003	17	N/A	Good	Inactive
650568	Thermo 49C	Ozone Analyzer	Office	49C-76048-381	10/1/2002	18	N/A	Good	Inactive
650569	Thermo 49C	Ozone Analyzer	Office	0331002821	10/1/2002	18	N/A	Good	Inactive
651906	Thermo 49C	Ozone Analyzer	Office	02155698-3	10/1/2002	18	N/A	Poor	Inactive
604808	Thermo 49C PS	Ozone Calibrator	Office	2025B216240304	2/11/1998	22	N/A	Good	Inactive
604809	Thermo 49C PS	Ozone Calibrator	Office	49CPS-60713-328	2/11/1998	22	N/A	Good	Inactive
604810	Thermo 49C PS	Ozone Calibrator	Office	49CPS-60715-328	2/11/1998	22	N/A	Good	Inactive
604807	Thermo 49C PS	Ozone Calibrator	Office	49PC60619327	2/11/1998	22	N/A	Poor	Inactive
850212	Thermo 49I-PS	Ozone Calibrator	Office	1430063227	11/13/2014	6	#####	Poor	Inactive
853237	Thermo 49I-PS	Ozone Calibrator	Office	1152610015	9/17/2015	5	#####	Good	Inactive
853238	Thermo 49I-PS	Ozone Calibrator	Office	1152610016	9/17/2015	5	#####	Good	Inactive
847517	Enviroics 6100	Calibrator	Office	6150	6/12/2014	6	\$9,800.00	Good	Inactive
847519	Enviroics 6100	Calibrator	Office	6148	6/12/2014	6	\$9,800.00	Good	Inactive
658868	Enviroics 6100	Calibrator	Office	3177	9/23/2003	17	\$9,800.00	Good	Inactive
658869	Enviroics 6100	Calibrator	Office	2987	9/9/2002	18	\$9,800.00	Good	Inactive
650570	Enviroics 6100	Calibrator	Office	48C-62460-335/5	9/9/2002	18	\$9,800.00	Poor	Inactive
533459	737	Zero Air Generator	Office	48C-60245-327	1/21/1999	21	N/A	Good	Inactive
650640	737	Zero Air Generator	Office	2780	1/21/1999	21	N/A	Good	Inactive
650641	737	Zero Air Generator	Office	2779	1/21/1999	21	N/A	Good	Inactive
655486	ESC 8816	Data Logger	Office	4956	7/14/2003	17	N/A	Good	Inactive
640075	ESC 8816	Data Logger	Office	898	3/1/2002	18	N/A	Good	Inactive
854373	ESC 8872	Data Logger	Office	0580	2017	3	\$9,125.00	Good	Inactive
854374	ESC 8872	Data Logger	Office	0581	2017	3	\$9,125.00	Good	Inactive
852699	ESC 8872	Data Logger	Office	0507	9/30/2015	5	\$9,125.00	Good	Inactive
852700	ESC 8872	Data Logger	Office	0508	9/30/2015	5	\$9,125.00	Good	Inactive
852701	ESC 8872	Data Logger	Office	0509	9/30/2015	5	\$9,125.00	Good	Inactive
847982	ESC 8872	Data Logger	Office	0318	10/9/2014	6	\$9,125.00	Good	Inactive
847983	ESC 8872	Data Logger	Office	0319	10/9/2014	6	\$9,125.00	Good	Inactive
857330	ESC 8872	Data Logger	Office	0691	2017	3	\$9,125.00	Good	Inactive
808751	Teledyne M300E	CO Analyzer	Office	9C4442	9/4/2009	11	N/A	Good	Inactive
808752	Teledyne M300E	CO Analyzer	Office	9C4443	9/4/2009	11	N/A	Good	Inactive
819571	Teledyne M701	Zero Air Generator	Office	3300	2012	8	N/A	Good	Inactive
819572	Teledyne M701	Zero Air Generator	Office	3297	2012	8	N/A	Good	Inactive
819573	Teledyne M701	Zero Air Generator	Office	3284	2012	8	N/A	Good	Inactive
ID Requested	Teledyne T200	NO2 Analyzer	Office	3785	2017	3	#####	Good	Inactive
847699	Teledyne T200	NO2 Analyzer	Office	1551	9/3/2014	6	#####	Poor	Inactive
853351	Teledyne T200UP	NO2 Trace Analyzer	Office	96	7/31/2015	5	#####	Good	Inactive
822887	Teledyne T400	Ozone Analyzer	Office	101	2015	5	\$4,250.00	Poor	Inactive
ID Requested	Teledyne API T640	PM2.5 Analyzer	Office	539	9/25/2018	2	#####	Good	Inactive
ID Requested	Teledyne API T640	PM2.5 Analyzer	Office	287	1/15/2019	0	#####	Good	Inactive
ID Requested	Teledyne API T640X	PM2.5 & PM10 Analyzer	Office	287	2018	2	#####	Good	Inactive
	Teledyne API T700	Dilution Calibrator	Office			1	#####	New	Inactive
	Teledyne API T700	Dilution Calibrator	Office			1	#####	New	Inactive
	Teledyne API T700	Dilution Calibrator	Office			1	#####	New	Inactive
	Teledyne API T700	Dilution Calibrator	Office			1	#####	New	Inactive
	Teledyne API T700	Dilution Calibrator	Lab Annex	4640		1	#####	New	Active
	Teledyne API T701	Zero Air System	Lab Annex	1756		1	\$5,027.50	New	Active
	Teledyne API T701	Zero Air System	Rosenstiel	1758		1	\$5,027.50	New	Active
	Teledyne API T701	Zero Air System	Pennsuco	1757		1	\$5,027.50	New	Active
	Teledyne API T701	Zero Air System	Office			1	\$5,027.50	New	Inactive
	Teledyne API T701	Zero Air System	Office			1	\$5,027.50	New	Inactive
	Teledyne API T701	Zero Air System	Office			1	\$5,027.50	New	Inactive



Teledyne API T300	Gas Filter Correlation CO	Office		1	#####	New	Inactive
Teledyne API T300	Gas Filter Correlation CO	Office		1	#####	New	Inactive
Teledyne API T640	PM Mass Monitor	Office		1	#####	New	Inactive

Orange County									
Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
764206	THERMO SCIENTIFIC 49I	OZONE ANALYZER	Winter Park	1170050010	2017/03/24	3	9492.27	Good	Active
764207	THERMO SCIENTIFIC 49I	OZONE ANALYZER	Winter Park	1170050011	2017/03/24	3	9492.27	Good	Backup
770249	THERMO SCIENTIFIC 49IQ-ACNN	OZONE ANALYZER	Air Lab	1181340030	2018/09/24	1	12156.49	Good	Inactive
772120	THERMO SCIENTIFIC 49IQ	OZONE ANALYZER	Winter Park	1190180048	2019/05/24	0	10899.45	Good	Inactive
772122	THERMO SCIENTIFIC 49IQ	OZONE ANALYZER	Winter Park	1190180049	2019/05/24	0	10899.45	Good	Inactive
750204	THERMO SCIENTIFIC 49I	OZONE ANALYZER	Skyview	1326659026	2013/09/30	6	9506.00	Good	Active
764204	THERMO SCIENTIFIC 48I	CO ANALYZER	Winter Park	1170050008	2017/03/24	3	13226.52	Good	Active
764205	THERMO SCIENTIFIC 48I	CO ANALYZER	Winter Park	1170050009	2017/03/24	3	13226.52	Good	Backup
741524	THERMO SCIENTIFIC 42I	CO ANALYZER	Winter Park	1106147374	2011/02/24	9	11467.00	Awaiting Repair	Backup
772119	THERMO SCIENTIFIC 42IQ	CO ANALYZER	Winter Park	1190180051	2019/05/24	0	16045.86	Good	Inactive
755736	THERMO SCIENTIFIC 48I	CO ANALYZER	Winter Park	1500163900	2015/02/24	5	13472.82	Good	Backup
755737	THERMO SCIENTIFIC 48I	CO ANALYZER	Winter Park	1500163901	2015/02/24	5	13472.82	Good	Backup
766204	THERMO SCIENTIFIC 42I	NO2 ANALYZER	Winter Park	1172550002	2017/10/17	2	15406.41	Good	Active
755738	THERMO SCIENTIFIC 42I	NO2 ANALYZER	Winter Park	1500163902	2015/02/24	5	13927.68	Good	Backup
770250	THERMO SCIENTIFIC 42IQ ACANB NO	NO2 ANALYZER	Air Lab	1181340031	2018/09/24	1	21973.45	Good	Inactive
751896	THERMO SCIENTIFIC 42I	NO2 ANALYZER	Winter Park	1336460152	2014/01/28	6	13754.88	Good	Backup
750205	THERMO SCIENTIFIC 43I	SO2 ANALYZER	Winter Park	JC1320600867	2013/09/30	6	11840.00	Good	Active
766205	THERMO SCIENTIFIC 43I	SO2 ANALYZER	Winter Park	1172550003	2017/10/17	2	13346.85	Good	Backup
755740	THERMO SCIENTIFIC 111	ZERO AIR GENERATOR	Winter Park	1500163903	2015/02/24	5	5519.00	Good	Backup
772123	THERMO SCIENTIFIC 111IQ	ZERO AIR GENERATOR	Winter Park	1182130025	2019/05/24	0	6295.03	Good	Active
766092	THERMO SCIENTIFIC 146IQ	GAS BLENDER	Winter Park	1172270023	2018/08/01	1	16612.71	Good	Inactive
747329	THERMO SCIENTIFIC 146I	GAS BLENDER	Winter Park	1227254853	2012/10/16	7	12900.89	Good	Active
755739	THERMO SCIENTIFIC 146I	GAS BLENDER	Winter Park	1500163897	2015/02/24	5	12871.00	Good	Backup
772121	THERMO SCIENTIFIC 146IQ	GAS BLENDER	Winter Park	1190180050	2019/05/24	0	16612.71	Good	Inactive
749643	THERMO SCIENTIFIC 49I-PS	OZONE PRIMARY STANDARD	Winter Park	1336460151	2014/02/05	6	11779.60	Good	Backup
764208	THERMO SCIENTIFIC 49I-PS	OZONE PRIMARY STANDARD	Winter Park	1170050012	2017/03/24	3	13112.15	Good	Active
756626	THERMO SCIENTIFIC 49I-PS	OZONE PRIMARY STANDARD	Skyview	1151380003	2015/07/07	4	12485.20	Good	Active
750381	THERMO SCIENTIFIC 5014I	PARTICULATE ANALYZER	Winter Park	CM13351002	2013/10/04	6	21225.00	Good	Active
755027	THERMO SCIENTIFIC 5014I	PARTICULATE ANALYZER	Winter Park	CM14291007	2014/10/22	5	18223.23	Good	Active
755028	THERMO SCIENTIFIC 5014I	PARTICULATE ANALYZER	Winter Park	CM14291008	2014/10/22	5	18223.22	Good	Backup
762294	THERMO SCIENTIFIC 5014I	PARTICULATE ANALYZER	Winter Park	CM16131005	2016/09/21	3	18893.76	Good	Backup
761065	AGLAIRE 8872	DATA LOGGER	Winter Park	0550	2016/04/27	4	8085.00	Good	Active
761066	AGLAIRE 8872	DATA LOGGER	Air Lab	0551	2016/04/27	4	8085.00	Good	Backup
761067	AGLAIRE 8872	DATA LOGGER	Skyview	0548	2016/04/27	4	8085.00	Good	Active
761068	AGLAIRE 8872	DATA LOGGER	Air Lab	0549	2016/04/27	4	8085.00	Good	Backup
756328	NOVALYNX 230-M202	BAROMETER	Skyview	1616000021	2016/07/28	3	1620.09	Good	Backup
756329	NOVALYNX 230-M202	BAROMETER	FDEP QASL (recertification)	1616000018	2016/07/28	3	1620.10	Good	Recert in Progress
756330	NOVALYNX 230-M202	BAROMETER	Winter Park	1616000019	2016/07/28	3	1620.10	Good	Backup
756331	NOVALYNX 230-M202	BAROMETER	FDEP QASL (recertification)	1616000020	2016/07/28	3	1620.10	Good	Recert in Progress
755247	BIOS DEFINER 220-L	FLOW METER	Winter Park	141461	2015/05/06	5	2045.60	Good	Backup
730582	BIOS DEFINER 220	FLOW METER	Winter Park	111132	2007/07/25	12	2010.00	Good	Backup
755246	BIOS DEFENDER 530-H	FLOW METER	FDEP QASL (recertification)	139494	2015/05/06	5	1743.40	Good	Recert in Progress
756338	BIOS DEFENDER 530-H	FLOW METER	Winter Park	137288	2015/01/16	5	1750.00	Good	Backup
755697	CHINOOK STREAMLINE PRO MODEL M	FLOW METER	Winter Park	C150101	2015/02/26	5	3137.24	Good	Backup
755698	CHINOOK STREAMLINE PRO MODEL S	FLOW METER	Winter Park	C150102	2015/02/26	5	3137.24	Good	Backup
N/A	VAISALA HM40	HYGROMETER	Winter Park	K4730049	2014/12/01	5		Good	Active
N/A	VAISALA HM40	HYGROMETER	Winter Park	L1720058	2014/12/01	5		Good	Active
N/A	CONTROL COMP DIGITAL THERMOMET	DIGITAL THERMOMET	Winter Park	L616301	N/A	N/A	N/A	Good	Active
N/A	CONTROL COMP DIGITAL THERMOMET	DIGITAL THERMOMET	Winter Park	130567028	N/A	N/A	N/A	Good	Active
N/A	CONTROL COMP DIGITAL THERMOMET	DIGITAL THERMOMET	Winter Park	61602143	N/A	N/A	N/A	Good	Active
N/A	CONTROL COMP DIGITAL THERMOMET	DIGITAL THERMOMET	Winter Park	101642099	N/A	N/A	N/A	Good	Active
N/A	HB ELECTRONICS N/A	THERMOMETER	Winter Park	110252	3/15/2016	4	N/A	Good	Active
N/A	HB ELECTRONICS N/A	THERMOMETER	SkyView	111354	3/15/2016	4	N/A	Good	Active
N/A	HB ELECTRONICS N/A	THERMOMETER	FDEP QASL (recertific	111626	3/15/2016	4	N/A	Good	Backup
N/A	HB ELECTRONICS N/A	THERMOMETER	FDEP QASL (recertific	112713	3/15/2016	4	N/A	Good	Backup
N/A	HB ELECTRONICS N/A	THERMOMETER	FDEP QASL (recertific	112050	3/15/2016	4	N/A	Good	Backup
N/A	DWYER	MANOMETER	Winter Park	N5OZ	1/26/2015	5	N/A	Good	Active
N/A	DWYER	MANOMETER	Winter Park	N03AA0213007	1/26/2015	5	N/A	Good	Active
N/A	THERMO SCIENTIFIC	SONICATOR	Winter Park	1202404	N/A	N/A	N/A	Good	Active
N/A	THERMO SCIENTIFIC N/A	FIRST STAGE INLET	Winter Park	10-10-2013-2B	2013/10/10	6	N/A	Good	Backup
N/A	THERMO SCIENTIFIC N/A	FIRST STAGE INLET	Winter Park	05-25-2014-1A	2014/05/25	5	N/A	Good	Backup
N/A	THERMO SCIENTIFIC N/A	FIRST STAGE INLET	Winter Park	10-10-2013-1A	2013/10/10	6	N/A	Good	Backup
N/A	THERMO SCIENTIFIC N/A	FIRST STAGE INLET	Winter Park	03-20-2013-1A	2013/03/20	7	N/A	Good	Backup
N/A	THERMO SCIENTIFIC N/A	FIRST STAGE INLET	Winter Park	10-10-2013-3C	2013/10/10	6	N/A	Good	Backup

756638	BGI FRACTIONATOR	VSCC	Winter Park	070614-166	2015/08/12	4	1648.36	Good	Backup
756639	BGI FRACTIONATOR	VSCC	Winter Park	270711-31	2015/08/12	4	1648.36	Good	Backup
756640	BGI FRACTIONATOR	VSCC	Winter Park	180514-25	2015/08/12	4	1648.36	Good	Backup
N/A	BGI FRACTIONATOR	VSCC	Winter Park	221112-180	N/A	N/A	1648.36	Good	Backup
N/A	BGI FRACTIONATOR	VSCC	Winter Park	147526	N/A	N/A	1648.36	Good	Backup
N/A	BGI FRACTIONATOR	VSCC	Winter Park	138712	N/A	N/A	1648.36	Good	Backup
753158	DELL OPTIPLEX 9020	COMPUTER	Main Office	BZXWL02	2014/07/25	5	734.05	Good	Active
753160	DELL OPTIPLEX 9020	COMPUTER	Main Office	BZWWL02	2014/07/25	5	734.05	Good	Active
755256	DELL OPTIPLEX 9020	COMPUTER	Main Office	DLN5T52	2015/09/17	4	651.33	Good	Active
755363	DELL OPTIPLEX 9020	COMPUTER	Main Office	1JX8842	2015/03/02	5	1013.33	Good	Active
755364	DELL OPTIPLEX 9020	COMPUTER	Winter Park	1JX7842	2015/03/02	5	1013.33	Good	Active
755905	DELL OPTIPLEX 9020	COMPUTER	Skyview	FTP7B42	2015/04/21	5	1019.93	Good	Backup
755906	DELL OPTIPLEX 9020	COMPUTER	Skyview	FTQ6B42	2015/04/21	5	1019.93	Good	Active
756467	DELL OPTIPLEX 9020	COMPUTER	Skyview	DLN7T52	2015/09/17	4	651.33	Good	Backup
755734	JUNIPER EX 2200 24T	ETHERNET SWITCH	Winter Park	CW02148215	2014/11/22	5	815.00	Good	Active
756546	JUNIPER EX2200	ETHERNET SWITCH	Air Lab	SCW0214191482	2015/06/30	4	815.00	Good	Backup
756547	JUNIPER EX2200	ETHERNET SWITCH	Winter Park	SCW0214191788	2015/06/30	4	815.00	Good	Backup
757095	DELL LATITUDE E7450	LAPTOP	Winter Park	79W5762	2015/09/04	4	1105.32	Good	Active
746356	PANASONIC TOUGHBOOK 19	LAPTOP	Winter Park	2FKY A57981	2012/08/20	7	2600.00	Good	Backup
756664	VIZIO 55" FLAT SCREEN	MONITOR	Winter Park	LWZ2PPAQ3802 232	2015/06/24	4	3675.00	Good	Active
766454	THERMO SCIENTIFIC 60L	OVEN	Air Lab	42202295	2018/02/06	2	1141.49	Good	Backup
757682	LIEBERT GXT4-2000RT120	POWER BACKUP	Skyview	1510100421AFB B3	2015/07/01	4	1425.00	Good	Active
757230	LIEBERT GXT4	POWER BACKUP	Winter Park	1512900408AFB A3	2015/08/26	4	1100.00	Good	Active
762326	LIEBERT GXT4	POWER BACKUP	Winter Park	1626200335AFB A3	2017/03/28	3	1085.00	Good	Active
762327	LIEBERT GXT4	POWER BACKUP	Winter Park	1626200343AFB A3	2017/03/28	3	1085.00	Good	Active
773594	DELL LATITUDE 5400	LAPTOP	Operator	GMEP10ZL057	1/10/2020	0	1,515.00	Good	Active
773589	DELL LATITUDE 5400	LAPTOP	Operator	GMEP10ZL061	1/10/2020	0	1,515.00	Good	Active
773590	DELL LATITUDE 5400	LAPTOP	Operator	GMEP10ZL053	1/10/2020	0	1,515.00	Good	Active
N/A	DELL LATITUDE 5400	LAPTOP	Operator	GMEP10ZL055	1/10/2020	0	1,515.00	Good	Active
N/A	HP PCL 6	LASER PRINTER	Winter Park	N/A	N/A	N/A	N/A	Fair	Inactive
N/A	ZYXEL PK5001Z	MODEM	Winter Park	S140Y10066632	N/A	N/A	N/A	Good	Active
N/A	CISCO ASA 5505	FIREWALL	Winter Park	JMX1824Z04	N/A	N/A	N/A	Good	Active
N/A	CISCO ASA 5505	FIREWALL	Skyview	N/A	N/A	N/A	N/A	Good	Active
N/A	SIERRA WIRELESS GX450	CELL MODEM	Skyview	N/A	5/9/2019	0	N/A	Good	Active
N/A	CISCO ASA 5505	FIREWALL	Air Lab	N/A	N/A	N/A	N/A	Good	Backup
N/A	CISCO ASA 5505	FIREWALL	Air Lab	N/A	N/A	N/A	N/A	Good	Backup

## Sarasota County

Property /Identification No.	Manufacturer and Model No.	Description	Location	Serial No.	Acquisition Date	Age	Initial Cost	Condition	Status
40038151	ESC 8816	Data Logger	BOB	1665	2/17/1998	22	\$ 2,250.00	Fair	Back Up
40051234	RM Young 05103VP	Wind Vane	Paw Park	58190	9/30/2003	17	\$ 1,039.50	Fair	Operating
40051233	RM Young 05103VP	Wind Vane	Lido	58043	9/30/2003	17	\$ 1,040.00	Fair	Back Up
40051235	RM Young 05103VP	Wind Vane	Jackson	58191	9/30/2003	17	\$ 1,039.50	Fair	Operating
40050210	Thermo 49C-PS	Ozone Analyzer	BOB	49CPS77959387	4/25/2003	17	\$ 9,030.00	Fair	Back Up
40050209	Thermo 49C	Ozone Calibrator	BOB	49C77958387	4/25/2003	17	\$ 7,060.00	Fair	Back Up
40051472	Thermo 111	Zero Air Generator	BOB	1110326802150	11/14/2003	17	\$ 4,198.23	Fair	Back Up
40052744	Thermo 111	Zero Air Generator	BOB	427408888	9/30/2004	16	\$ 2,970.00	Fair	Operating
40056961	Thermo TEOM 1400	Particulate Sampler	Bee Ridge Park	140AB267800706	9/30/2007	13	\$ 19,637.50	Fair	Back Up
40058795	Thermo TEOM 1405	Particulate Sampler	Jackson	1405A202460809	9/30/2008	12	\$ 18,911.00	Fair	Back Up
40059491	Thermo 49i	Ozone Analyzer	Paw Park	CM09190034	6/25/2009	11	\$ 7,930.00	Fair	Operating
40059492	Thermo 49i-PS	Ozone Calibrator	Paw Park	0916736286	6/25/2009	11	\$ 11,550.00	Fair	Operating
40060203	Teledyne 400e	Ozone Analyzer	BOB	2529	6/29/2010	10	\$ 7,035.00	Fair	Back Up
40060204	Teledyne 703e	Ozone Calibrator	BOB	276	6/29/2010	10	\$ 9,166.00	Fair	Back Up
40062204	Teledyne T700	MultiGas Calibrator	Paw Park	670	6/5/2013	7	\$ 15,138.40	Good	Back Up
40062203	Teledyne T200	Nox Analyzer	Paw Park	776	6/5/2013	7	\$ 11,372.80	Good	Back Up
40063474	Agilair 8872	Data Logger	Jackson	0184	11/21/2013	7	\$ 6,495.00	Good	Operating
40064690	Agilair 8872	Data Logger	BOB	0333	11/21/2013	7	\$ 6,495.00	Good	Back Up
40064632	Teledyne T701	Zero Air Generator	Paw Park	64	9/19/2014	6	\$ 4,375.00	Good	Back Up
40064691	Agilair 8872	Data Logger	Paw Park	0335	10/31/2014	6	\$ 6,990.00	Good	Operating
40064692	Agilair 8872	Data Logger	Lido	0334	10/31/2014	6	\$ 6,990.00	Good	Operating
40064631	Thermo 49i	Ozone Analyzer	Jackson	1426962861	9/11/2014	6	\$ 9,150.00	Good	Operating
40064630	Thermo 49i-PS	Ozone Calibrator	Jackson	1426962860	9/11/2014	6	\$ 12,490.00	Good	Operating
40063935	Thermo 2025i	Particulate Sampler	Bee Ridge Park	2025I205681402	4/3/2014	6	\$ 15,620.00	Good	Back Up
40064694	Thermo 2025i	Particulate Sampler	Tallahassee	2025I207091410	12/17/2014	6	\$ 15,620.00	Good	On-loan
40066771	Thermo 1405	Particulate Sampler	Paw Park	1405A233811512	1/27/2016	4	\$ 19,395.00	Good	Operating
40070908	Thermo 1405	Particulate Sampler	Jackson	1405A243141903	3/4/2019	1	\$ 21,550.28	New	Operating
40067751	Thermo 49i	Ozone Analyzer	Lido	1162290005	9/30/2016	4	\$ 9,337.50	Good	Operating
40066774	Agilair 8872	Data Logger	Bee Ridge Park	0542	3/16/2016	4	\$ 6,990.00	Good	Operating
40068125	Thermo 49i-PS		Lido	1171300029	6/28/2017	3	\$ 13,581.00	Good	Operating
40068789	Teledyne T640	Particulate Sampler	Bee Ridge Park	212	8/29/2017	3	\$ 21,000.00	Good	Operating
40068790	Teledyne T640	Enclosure	Bee Ridge Park	none	9/30/2017	3	\$ 6,500.00	Good	Back Up
40070109	Thermo 49iQ	Ozone Analyzer	Paw Park	1182250001	9/26/2018	2	\$ 10,079.01	New	Testing
40070110	Thermo 49iQ-PS	Ozone Calibrator	Paw Park	1182250002	9/26/2018	2	\$ 13,922.65	New	Testing
40057912	Ekto Manufacturing Co.	TEOM Enclosure	Bee Ridge Park	38851	1/23/2008	12	\$ 5,632.63	Good	Back Up
40059326	Ekto Manufacturing Co.	TEOM Enclosure	BOB Office	42011	7/13/2010	10	\$ 6,338.00	Good	Back Up
40068790	Shelter One	T640 Enclosure	Bee Ridge Park	N/A	9/30/2017	3	\$ 6,500.00	Good	Operating
30002827	Wells Cargo	Trailer	Paw Park	1WC200J134305104	11/19/2003	17	\$ 12,306.00	Fair	Operating
30002430	Wells Cargo	10' Trailer	Jackson	1WC200D17Y304374	11/1/2000	20	\$ 8,852.25	Fair	Operating
	Davis Instruments	MET Sensor	Lido	180807N01	2018	2	\$ 650.00	Good	Operating
	Davis Instruments	MET Sensor	Paw Park	190802N04	2019	1	\$ 650.00	New	Operating
	Davis Instruments	MET Sensor	Jackson	190802N07	2019	1	\$ 650.00	New	Operating
	Davis Instruments	MET Sensor	Bee Ridge Park	190802N01	2019	1	\$ 650.00	New	Operating