

Florida
Department of
Environmental Protection



Annual Network Monitoring Plan

May 2011

DEP BAMMS 11-001

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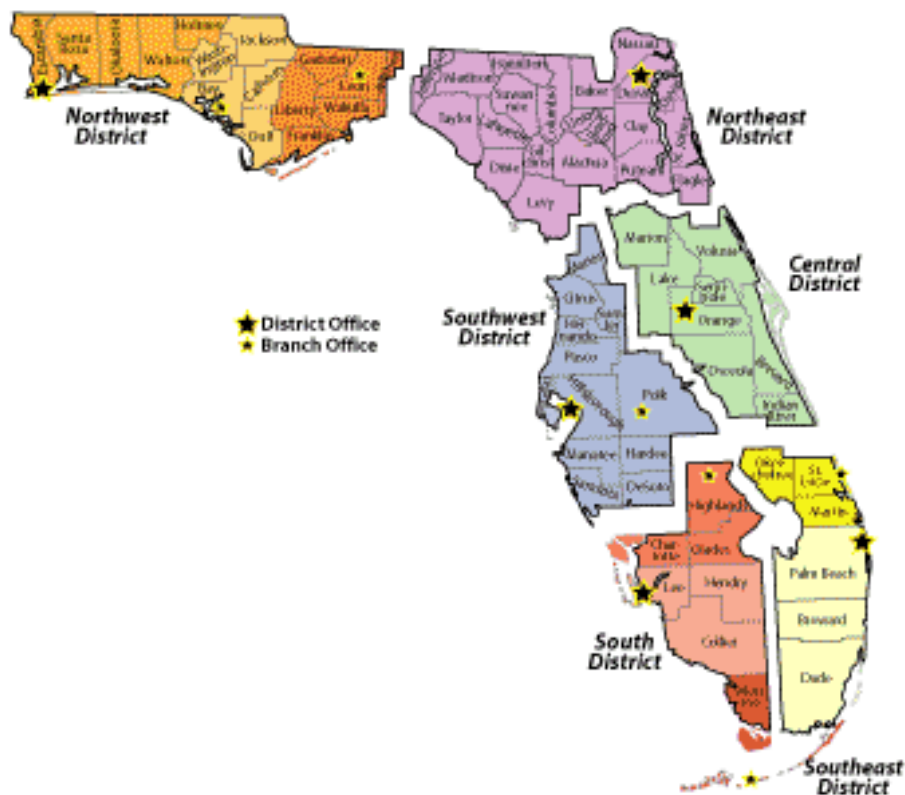
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Introduction

The network design emphasis in the new rules for ambient air monitoring site design effective in December 2006 is directed at population orientation and multi-pollutant sites. This emphasis created the largest change with the National Core (N-Core) sites requirements. The new N-Core sites were scheduled to be operation by January of this year. The National Core (N-Core) design has been incorporated in this plan. There are 19 agencies which operate monitoring programs as part of the Florida regulatory monitoring network. The Florida Department of Environmental Protection (FDEP) has 6 Districts and the office in Tallahassee which monitor throughout the state in areas where local government programs do not monitor the air quality. The District operating boundaries are shown in Figure 1.

Figure 1. Florida Department of Environmental Protection District Boundaries



Local governments operate the monitoring network in Broward, Collier, Duval, Hillsborough, Manatee, Miami-Dade, Orange, Palm Beach, Pinellas, and Sarasota Counties. The FDEP assured that the network met the federal requirements, but the changes in those counties were, largely, at the discretion of the local government.

Florida's monitoring network was reviewed with consideration of making use of multi-pollutant sites as a goal. However, there are several monitoring strategies that do not support these goals. Single pollutant sites are used in the ozone, fine particulate and sulfur dioxide networks.

The major emphasis of the new regulatory design is to address population exposure. One exception in the rules is the continued emphasis on monitoring maximum concentration for ozone. In Florida, the typical location for the maximum concentration is on the southern side of the coastal cities. Single pollutant monitoring is often employed at these sites since they are not ideal for most other pollutants.

The 2010 SO₂ National Ambient Air Quality Standard (NAAQS) included a new monitoring design based on the Population Weighted Emission Index (PWEI). Ambient monitoring is required for Core Based Statistical Areas (CBSAs) whose PWEI was above 5,000 million persons-TPY. A second monitor was required in the CBSA if the PWEI was above 100,000 million persons-TPY. The plan requirements are based on the PWEI as calculated using the 2010 census values and the 2008 national emission inventory values. While SO₂ monitors of many objectives may fulfill the monitoring requirements, in Florida, existing SO₂ sites are generally source oriented and in less populated areas. They are therefore generally unsuitable for multi-pollutant monitoring with the objective of population exposure. Newly required SO₂ monitoring sites will generally be set with source monitoring as the objective.

As the U.S. Environmental Protection Agency (EPA) has begun to address the revision of the National Ambient Air Quality Standards (NAAQS) and the monitoring networks required to support those changes, Florida will begin to find suitable monitoring sites for those changes. The changes being made to the monitoring strategies are once again making the development of single parameter sites integral to the design of the ambient air monitoring network.

In recent years, the FDEP has begun to work with the Florida Department of Health and its contractors on some health outcome studies using data collected from the ambient air quality network. There are monitors in 36 of the 67 Florida counties. The FDEP monitoring has been designed to provide monitoring in the counties which contain the highest concentration of the 18,801,310 people in the state. The network has monitors in counties containing over 90% of the population. As Figure 2 indicates, the ambient air monitoring sites are concentrated in areas of high population density, along the coasts and interstates in the interior portion of the state. In addition, the FDEP has established three rural monitoring sites, one in the panhandle and one in the northern and southern areas of the peninsula to create representative sites for comparison to regional background levels of pollution. This design has served not just the FDEP, but working within the resources FDEP has, provides sufficient coverage for the health studies in which the FDEP participates. As a peninsular state with no tribes active in environmental monitoring, the modest changes being made to the network, especially in sites near other states, will have little impact on any users. The general considerations for the network are described in the network design principles.

Additions to the current network will include the lead network and the SO₂ network. The single new required lead monitor, for 1 tpy sources was the Daytona Beach airport. FDEP is waiting for the negotiations between EPA and the county to be finalized for a site selection to be made which the EPA would approve. There are 3 additional SO₂ monitors needed. They will be required in Citrus, Polk and Manatee Counties.

CBSA Statistical Areas	2010 Census Population	PWEI 2008 NEI	PEWI SO2 Needed	SO2 Monitors in Place
Miami-Fort Lauderdale-Pompano Beach	5,413,212	89,070	1	3
Broward County	1,748,066			
Miami-Dade County	2,496,435			
Palm Beach County	1,320,134			
Tampa-St. Petersburg-Clearwater	2,783,243	125,004	2	7
Orlando-Kissimmee-Sanford	2,134,411	18,209	1	1
Jacksonville	1,345,596	28,876	1	5
North Port-Bradenton-Sarasota	702,281	50,770	1	
Lakeland	602,095	14,040	1	
Palm Bay-Melbourne-Titusville	543,376	3,713		
Cape Coral-Fort Myers	618,754	226		
Deltona-Daytona Beach-Ormond Beach	494,593	921		
Pensacola-Ferry Pass-Brent	448,991	17,206	1	1
Port St. Lucie-Fort Pierce	424,107	4,228		
Homosassa Springs	141,236	14,903	1	

Changes to the ozone network beyond those planned as a result of the change in the NAAQS in 2008 will be made after additional rules are finalized.

The roadside NO₂ network is not required in the 2011 plan, though work toward developing that network is underway. Two of Florida's counties, Broward and Hillsborough are participating in the pilot work for the roadside NO₂ network. One of the two pilot sites in the nation is scheduled to be in Fort Lauderdale in Broward County by the end of 2011.

NO₂ Monitoring Required by 2010 NAAQS

CBSAs with Population over 500,000	Population (2010)	AADT ≥250,000	Required Near road Monitors	Required Community Wide Monitor	Currently Monitoring?	Total
Bradenton-Sarasota-Venice	702,281		1		Yes	1
Cape Coral-Fort Myers	618,754		1			1
Jacksonville	1,345,596		1	1	Yes	2

Lakeland-Winter Haven	602,095		1			1
Miami-Fort Lauderdale-Pompano Beach	5,413,212	*	2	1	Yes	3
Orlando-Kissimmee	2,134,411		1	1	Yes	2
Palm Bay-Melbourne-Titusville	543,376		1			1
Tampa-St. Petersburg-Clearwater	2,783,243		2	1	Yes	3
Population >2.5 million requires 2 roadside						14
AADT \geq 250,000 requires 2 roadside						

Changes for This Year

While the details of the monitoring plan follow in tables below, a short summary of the changes are listed here.

The N-Core site for the Ft. Lauderdale area is being moved. In a major setback, a new N-Core site needed to be found, since the proposed site, 011-1002 will be impacted by the presence of a water treatment facility making it inappropriate for the N-Core site. They have located an alternative in Davie. They have also included the additional following monitoring for the proposed N-Core site; trace CO, trace SO₂, lead and NO_y. Fort Lauderdale is one of the two cities that have been chosen for the pilot roadside NO₂ monitoring. When the pilot NO₂ site is up and running, the NO₂ AQS site # 12-031-0031 will be closed.

Palm Beach County is the first agency to operate the first Federal Equivalent Method (FEM) PM_{2.5} instruments in the state. Site # 12-099-0008, in Belle Glade has been outfitted with a continuous PM_{2.5} FEM instrument and the federal reference method (FRM) instrument will be discontinued. Collocation will be at 12-099-0009, where an FEM is being added. They will also be reducing their monitoring frequency for AQS site # 12-099-2005 from daily to one in three days.

Hillsborough added another lead monitoring around the one large facility which requires source lead monitoring. A 2nd lead monitoring site which met the monitoring requirements as part of the network was not found, so the plan will be limited to the addition of the site AQS #12-057-0100.

The City of Jacksonville will be introducing lead monitoring, though not required, near the largest lead emitter for the county.

In the Palm Bay-Melbourne-Titusville MSA, which is Brevard County, the AQS site # 12-009-0011 will be shut down and the PM₁₀ relocated to AQS site # 12-009-0007. The Fay Park site was originally established in response to citizen concerns over a power plant that has been demolished.

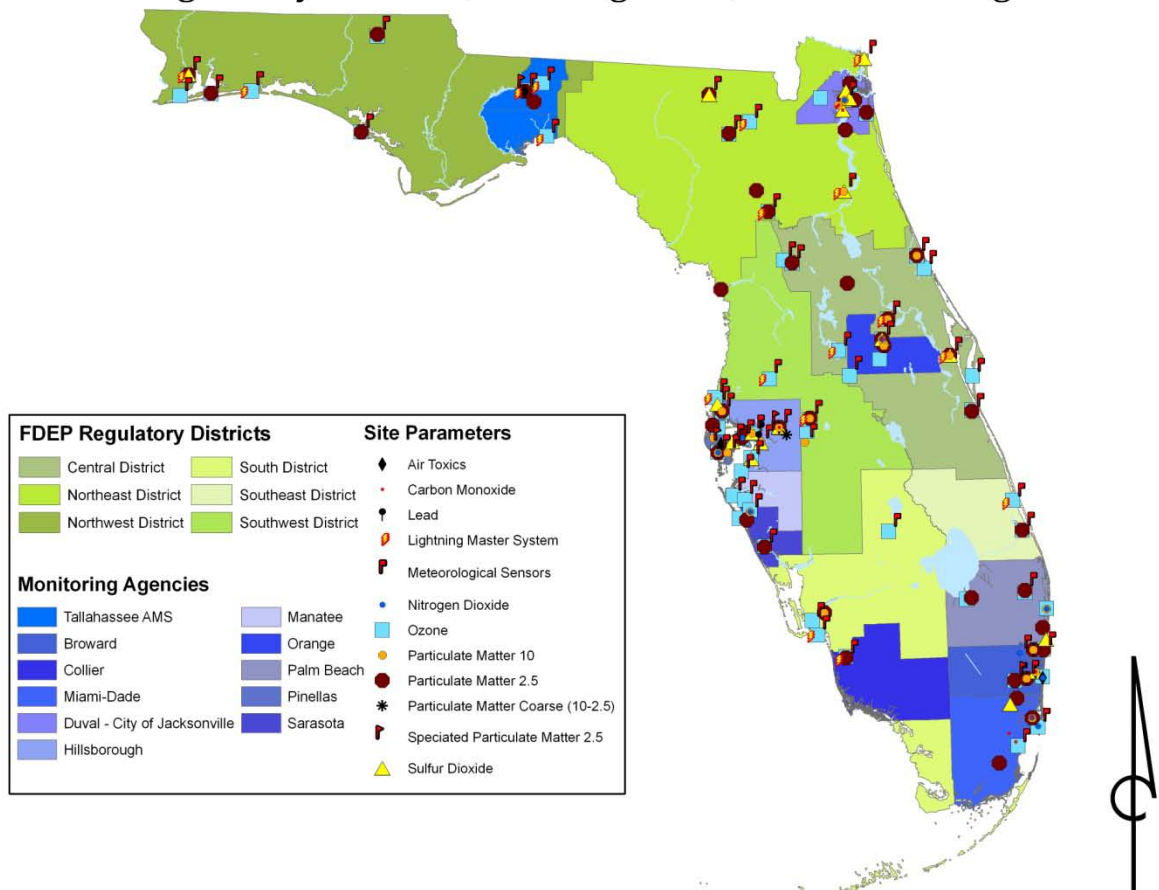
In the Lakeland MSA, which is Polk County, a similar change will be made. The AQS site # 12-105-0010, which is in Nichols and monitors PM₁₀ in the southern part of the county will be shut down to free some resources for the district which is expected to add 3 new SO₂ monitors, (one in Manatee County, one in Citrus and one to go to the already established Winter Park site), as well as one roadside NO₂ site.

When the ozone standard was reduced from 0.08 ppm to 0.075 ppm in 2008, the monitoring requirements increased to include three areas of the state where historically there had been no ozone monitoring. Sebastian in Indian River County, Palm Bay in Flagler County and Punta Gorda in Charlotte County now are required to have one ozone monitor each. New sites have been found and are being established for Flagler and Charlotte Counties. An ozone site for Indian River County is still being sought.

The additional SO₂ monitors required as a result of the NAAQS change in 2010 were discussed earlier, but will result in 3 additional monitors in Citrus, Manatee and Polk Counties.

Figure 2. Site Locations for Florida's Ambient Air Monitoring Network

2011 FDEP Regulatory Districts, Local Agencies, and Monitoring Sites



Network Design Principles

The principles that guide network design for Florida Department of Environmental Protection are:

- 1) Sites meet the federal Code of Regulations for number, type and placement of monitors.
- 2) Attention will be paid to historic areas of exceedances or violations where the contributing industry or population has been maintained.
- 3) There will be sufficient ozone and fine particle pollution monitors to maintain Air Quality Index reporting to large (350,000 population) communities.
- 4) During network design, weight will be given to monitors that have long historical records.
- 5) Sites will be established with the intent for indefinite monitoring, with an expectation of at least five years.
- 6) Partnerships with private entities will be used judiciously.
- 7) Access to state monitoring databases for validation activities will be given to private entities who participate in monitoring.
- 8) Hot spots of local concern will be addressed as much as staffing, equipment and funding allow, starting with short term monitoring.
- 9) Any monitoring required by State Implementation Plans will continue.
- 10) Since much of the monitoring in Florida is conducted in counties operated by local programs, coordination with the local programs will be maintained to achieve a quality state-wide network.

General Information

The federal requirements covering the content of this plan are more elaborate if the plan changes monitoring sites for a pollutant in an area of nonattainment. Since Florida is one of three states east of the Mississippi that is in attainment for all of the national ambient air quality standards, any changes in the monitoring network avoid having attainment designation implications. To address the requirement in 40 CFR Part 58.10(b)(7), all sites with Federal Reference Method (FRMs) or Federal Equivalent Method (FEMs) are suitable for comparison to the annual PM_{2.5} national ambient air quality standards (NAAQS). The FDEP has kept the current network design which includes all of the current SLAMS and SPM monitoring sites posted on its web site for the last several years and will continue to do so. To meet the requirements for public inspection, this plan will be posted on the FDEP website for the 30 days from June 1st to June 30th of 2011. FDEP will be receiving any public comments submitted.

The network plan is organized first by the largest MSAs with shared monitoring responsibilities and then by districts with all of the MSAs for which they are responsible listed together. The Florida Department of Environmental Protection is made of 6 district offices and the Tallahassee office. There are 10 county agencies which operate monitoring

networks in their counties independently. The design of the networks in the counties is agreed to by both the county agency and the FDEP. The details of the plan are in the Network Description. The metropolitan statistical area (MSA) or micropolitan statistical area and the counties that the MSA includes are identified for each agency. In several cases, more than one agency operates within the boundaries of the MSA, so the MSA name may be repeated for each agency with responsibility for monitoring with the MSA boundaries. The requirements for the plan are listed last and may be somewhat cryptic. The requirements for the minimum number of monitoring sites are based on both the population, which is listed for each MSA and the concentration of ozone, PM_{2.5} and PM₁₀. The newly calculated PWEI is listed for any areas with a PWEI over 5,000 where sulfur dioxide will be required to be monitored. The schedule in the SO₂ NAAQS is for those monitors to be in operation by January 1, 2013. For the new monitors, the basic locations are identified in most cases, with specific locations identified in a few cases. The new requirements for NO₂ monitoring must be met by 2013. So, in the last table, the design values for ozone, PM_{2.5} and PM₁₀ are listed with the cut-off that would require additional monitors listed at the bottom of the MSAs.

The Air Quality Index (AQI) is reported and updated hourly on FDEP's website at: <http://www.dep.state.fl.us/air/airquality.htm>

It is available in both graphical and text versions. The data to support this site are collected from all the ozone and continuous PM_{2.5} monitors in the state. These data are also shared with the voluntary AIRNOW site hosted by EPA's contractor, Sonoma Technology, Inc. Since ozone and fine particles are the main drivers to the AQI in Florida at this time, there is very little change between what is reported in near real-time and historic data published to reports which use all pollutants and all methods. The greatest changes are due to the inclusion of manual PM_{2.5} sites when these sample data are available.

The plan is required to provide evidence that siting and operation of each monitor meets the requirements of appendices A, C, D and E of 40 CFR, Part 58. Appendix A covers quality assurance requirements for SLAMS, SPMs and PSD air monitoring. These requirements are met with three basic functions of the air monitoring community. The first is to have approved standard operating procedures, Quality Management Plan (QMP) and Quality Assurance Project Plans (QAPP), which are in place and updated as needed. The most recent QAPP was approved April 2007 for all criteria pollutants except PM_{2.5} and the PM_{2.5} QAPP was approved August 1999 and is currently under revision. The current Quality Management Plan was approved March 2009. The second is auditing of instrument performance and management systems. The DEP Quality Assurance staff complete these activities for all agencies throughout the state. And the third is the compiling of precision and bias records sent to EPA's Air Quality System database quarterly. The PM_{2.5} collocation specifications are met by each agency operating a FRM PM_{2.5} running at least one collocated FRM. This collocation requirement is addressed with the PM_{2.5} FEMs running. One of the FEMs is collocated with an FRM, as required. The total number of agencies running collocated FRM PM_{2.5} instruments is 16, more than the requisite 15% of the 28 FRMs in operation. All FRMs in Florida are Thermo (formally, R&P) 2025s. The FEM is a Sharp 2010. The requirements of Appendix A are met by a combination of all of these activities with one exception. The PM_{2.5} FEM operated in Palm Beach County requires collocation

with a PM_{2.5} FRM. The site has both, but does not meet the 2-4 meter separation distance prescribed in the CFR. A waiver from this requirement has been requested since moving the instruments to meet that separation distance would be a safety concern.

Appendix C described the general instrument requirements. The monitoring network is made up of federally approved instrumentation. The instruments are described in the network plan.

Appendix D contains the monitor siting requirements. Sites within the air monitoring network are established using these requirements. In order to assure that they continue to be met, the sites are reviewed annually by the FDEP audit staff. The results of these reviews are used to determine if the sites meet the siting requirements. Any discrepancies are dealt with at least annually when the siting reviews are assessed.

Additional information about network design can be found in chapter 1 of the Annual Air Report available at: <http://www.dep.state.fl.us/Air/publications/techrpt/amr.htm>

N-Core

Florida is required to have at least two sites for N-Core monitoring. Building on the Speciation Trends Network, EPA favored two sites in the largest MSAs in the state, the Miami-Fort Lauderdale-Miami Beach area with more than 5 million in population and the Tampa-St. Petersburg-Clearwater area with over 2 million in population. The site in the Miami-Fort Lauderdale-Miami Beach area had to be relocated due to the construction plans for a source that would influence the site. EPA has approved an alternative site in Davie, near the location of the originally approved site. The EPA Office of Air Quality Policy and Standards decided that the original N-Core network design left a hole in the coverage for the southeast. They requested FDEP operate a rural N-Core site at the St. Marks National Wildlife Refuge, taking advantage of the already present IMPROVE monitoring for particulate and the FDEP ozone site. FDEP agreed to operate the site under the proviso that EPA supply the additional instrumentation. Details of the sites can also be seen on EPA's website: <http://www.epa.gov/ttn/amtic/ncore/index.html>

The intent of the N-Core sites is to have population oriented and some rural sites that take advantage of multi-pollutant monitoring and may have more than one network represented. The proposed site for the Miami Fort Lauderdale-Miami Beach area is AQS site #12-011-0034 is in Davie, Florida. Funding was available in 2004 for the purchase of some of the N-Core specific monitoring, such as the trace level CO, trace level SO₂ and the NO_y. EPA has yet to identify how the PM_{10-2.5} speciation, required in the rule, will be addressed. This site installation, delayed by the land use change at AQS site # 12-011-1002, is anticipated to be operation in the fall of 2011.

In the Tampa Bay area, the proposed N-Core site is AQS site # 12-057-3002, Sydney. It was the site of a large and intense nitrogen deposition study, the Bay Regional Atmospheric

Chemistry Experiment, (BRACE). It has also been running the trace SO₂, CO and NO_y since 2004. Since the primary use of the N-Core sites is air quality trends analysis, the impending declaration of ozone nonattainment for the Tampa MSA, which is driven by the Hillsborough ozone concentrations, makes the Sydney site an appropriate location. While it is not the ozone design value site, it is located in an area which allows for the expansion of the site to accommodate the increased N-Core monitoring. Sydney is not in a built out portion of the county, which makes it ideal for tracking trends which reflect the addition of population, as Florida is still a fast growing state, even as that trend has slowed in the mid-part of this decade.

Florida Monitoring Network

MSA Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)									
Broward County									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
011-0010	600 NW 19 AVENUE	SLAMS	SO2	TEI 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 5/1/92 VOCATIONAL TRAINING (#28)
	17-2890.362N-583.251E	SLAMS	CO	TEI 48C	HI CONC	NBH	CONTINUOUS	TO MONITOR TRENDS	SU 1/1/92 SLAMS 4/27/92
		SLAMS	PM10	WEDDING	POPULATION	NBH	1/6 DAY	TO MONITOR TRENDS	SU 7/19/94
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 11/21/09
011-0031	12600 W SAMPLE RD	SLAMS	NO2	TEI 42C	HI CONC	URBAN	CONTINUOUS	FORECAST ASSISTANCE	SU 2/98 REQUESTED NAMS 9/98
	17-2905.871N-570.365E								To close after roadside monitor opens
011-0033	3211 COLLEGE AVE	SLAMS	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/09
	17-2883.955N-566.147E	SPM	PM2.5	R & P1400A	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	VISTA VIEW PARK
011-0034	3205 SW 70TH AVE	PROP NCORE	PM10	WEDDING	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 9/1/2011
	17-2885.161N-575.912E	PROP NCORE	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	SO2	TECO 43CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	CO	TECO 48CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	NOY	TECO NOY	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	Pb		POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	OZONE	TECO49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/2011
		PROP NCORE	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 9/1/2011
		CSN	PM2.5	MET ONE	POPULATION	NBH	1/6 DAY	TRENDS NETWORK	SU 9/1/2011
		CSN	BC	URG 3000N	POPULATION	NBH	1/3 DAY	TRENDS NETWORK	SU 9/1/2011
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 9/1/2011
011-1002	3205 SW 70TH AVE	PRDP NCORE	PM10	WEDDING	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/1/92 U OF F AQ RES Relocating to Davie site
	17-2885.161N-575.912E	PRDP NCORE	PM2.5	R&P 2025A	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/1/99 COLOCATED 1/6/99
		PRDP NCORE	PM2.5	R & P 1400AB	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 3/1/01
		TREND	PM2.5	MET ONE	POPULATION	NBH	1/6 DAY	TRENDS NETWORK	
		TREND	BC	URG 3000N	POPULATION	NBH	1/3 DAY	TRENDS NETWORK	SU 4/1/09
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING
011-2003	1951 NE 48TH ST	SLAMS	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	RELIED ON FOR SPATIAL	SU 1/1/89 MET POMPANO BEACH (#1)
	17-2907.993N-590.166E	SLAMS	PM2.5	R&P 2025	POPULATION	URBAN	1/3 DAY	INTERPOLATION	RELOCATED FROM SITE 18
011-5005	4010 WINSTON PARK BLVD	SLAMS	PM10	WEDDING	SOURCE	NBH	1/6 DAY	SOURCE MONITORING	SLAMS 10/31/95 SD TEMPORARILY 4/00-#
	17-2908.456N-582.089E	NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING #30
		SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 10/1/09
011-8002	JOHN U LLOYD STATE PK	SLAMS	OZONE	TECO49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/85 (#25)
	17-2885.443N-588.870E	SLAMS	NO2	TECO 42	HI CONC	URBAN	CONTINUOUS	ASSIST FORECASTING	SU 7/8/90 NAMS 1/1/92
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU Nov 2009

MSA Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)									
Miami-Dade County									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
086-0019	US27 & SR821 17-2864.469N-561.837E	SLAMS	SO2	TEI 43C	SOURCE	NBH	CONTINUOUS	TRENDS MONITORING	SU 8/18/87 PENNSUCO
086-0027	UNIV MIAMI ROSENSTIEL 17-2846.153N-584.031E	SLAMS	NO2	TEI 42C	POPULATION	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 1/30/85 MET
086-0029	PERDUE MED CNTR 17-2829.900N-567.600E	SLAMS	OZONE	TEI 49i	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 3/7/84
		SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 5/1/85 MET
086-0031	16000 S DIXIE HWY	SLAMS	CO	API 300E	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	TEMP MOVE AFTER ANDREW SU 7/1/91 SLAMS 4/27/92
086-0033	7700 NW 186th ST 17-2869.23-567.45	SLAMS	PM 2.5	R&P 2025B	POPULATION	NBH	1/3 DAY	MONITORING GROWTH	5/4/2005
086-0034	SW 127 Avenue 17-2730.23-560.70	SLAMS	CO	TEI 48C	POPULATION	MIDDLE	CONTINUOUS	TRENDS MONITORING	PALM SPRINGS N FIRE STATION SU 4/27/05 KENDALL WASD
086-1016	NW 20TH ST FIRE STA 17-2852.959N-579.582E	SLAMS	PM10	ANDERSEN 120i	HI CONC	MIDDLE	1/6 DAY	NEEDED BY REGULATION	SU 1/1/85
		SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 2/4/99 DAILY CO-LOCATED
086-4002	864 NW 23RD ST (ANNEX) 17-2853.408N-579.163E	SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	AIRNOW POLLING 7/15/03
		SLAMS	NO2	TEI 42i	HI CONC	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 1/1/1984
086-6001	325 NW 2ND AVE 17-2817.102N-551.949E	SLAMS	CO	API 300E	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/76 NAMS 8/27/92
		SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/27/99 , HOMESTEAD DAILY
		SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/10/04

MSA Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)									
Palm Beach County									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
099-0008	38145 SR 80	SPM	PM2.5	BAM 1020	SOURCE	NBH	CONTINUOUS	USED FOR AQI	SU 5/1/09
	17-2951.800N-532.450E	SPM	PM2.5	R&P 2025A	SOURCE	NBH	DAILY	SOURCE	SU 3/00 BELL GLADE
099-0009	980 CRESTWOOD BLVD N	SLAMS	OZONE	TEI 49i	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 3/1/00
	17-2956.846N-576.194E	SLAMS	PM25	R&P 2025A	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 12/99 COLLOCATED
		SPM	PM25	BAM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 7/9/07 ROYAL PALM WWTP
099-0020	1199 LANTANA RD	SLAMS	OZONE	TEI 49i	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	A.G. HOLLEY SU 8/11/04, LANTANA
	17-2941.34N-593.52E	SPM	NO2	Tei 42i	POPULATION	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 10/08
		SLAMS	PM10	BAM 1020	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	Replacing 099-2005
099-2005	225 S CONGRESS	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	<i>1/3 DAY</i>	NEEDED BY REGULATION	SU 5/31/01
	17-2926.170N-590.023E								
099-3004	1050 15TH ST W	SLAMS	SO2	TEI 43C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 5/12/88 RIVIERA BEACH
	17-2916.800N-592.350E								SD June 2011

Summary of Sites/Monitors for the Miami - Ft Lauderdale - Miami Beach MSA (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)

	Current		Proposed			Proposed	
	Current	Proposed	Required	Current		Proposed	
Total Number of Sites	20			20			
Number of Criteria Pollutant Monitors							
		Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead		0	1	1	Daily FRMs	6	7
Carbon Monoxide		4	4	1	1/3 FRMs	3	3
Ozone		7	8	3	Continuous	6	6
Nitrogen Dioxide		5	5	0	Collocated	3	3
Total Nitrogen (Noy)		0	1	1			
PM2.5 Speciation		1	1	1			
Sulfur Dioxide		2	2	2			
PM10		5	5	3			
PM 2.5		14	15	9			
Total	38	42	21				

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

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

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
Hillsborough County									
057-0030	3910 MORRISON AV 17-3090.662N-351.583E	SPM	PM2.5	R & P 1400AB	POPULATION	NBH	CONTINUOUS	USED FOR AQI	PALMA CEIA TEOM 8/02
057-0081	SIMMONS PARK 17-3069.100N-355.544E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 6/14/78 MET
		SLAMS	SO2	TEI 43C	HI CONC	URBAN	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/78 SLAMS 4/27/92
057-0083	GARDINIER 17-3082.701N-363.890E	SPM	PM10	R & P 1400AB	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 4/1/95
057-0100	2909 N 66th ST	SPM	LEAD	HI VO:	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 4/2/10 KENLY ELEMENTARY
057-0109	9851 HWY 41 SOUTH 17-3081.853N-363.758E	SLAMS	SO2	TEI 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 10/96 EAST BAY SLAMS 11/13/96 MET; REPLACED GIANTS CAMP
057-1035	DAVIS ISLAND 17-3089.908N-356.851E	SLAMS	PM10	R & P 1400AB	SOURCE	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/85 NAMS 8/27/92 TEOM USED FOR
		SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/1/73 MET
		SLAMS	SO2	TEI 43C	POPULATION	NBH	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/74
057-1065	5121 GANDY BLVD 17-3086.060N-348.560E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/89 MET MARINE RESERVE
		SLAMS	NO2	TEI 42C	HI CONC	NBH	CONTINUOUS	HISTORIC TREND	SU 4/1/90 NAMS 8/27/92 NO
		SPM	PM2.5	R & P 1400AB	HI CONC	NBH	CONTINUOUS	USED FOR AQI	1/1/2004
057-1066	1700 N 66TH ST 17-3093.400N-364.000E	SLAMS	LEAD	ANDERSEN 2006	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 1/2/90 GULF COAST LEAD COLLOCATED
057-1073	6811 E 14th STREET 17-3093.990N-364.310E	SPM	LEAD	HI VOL	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 10/31/97 PATENT SCAFFOLDING
057-3002	Sydney Road 17-3093.83N-378.98E	NCORE	OZONE	TEI 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SYDNEY SU 01/01/04, MET
		NCORE	NOy	TEI 42CLE	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/04
		NCORE	CO_TL	TEI 48CLE	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/05
		NCORE	SO2_TL	TEI 43CLE	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/06
		NCORE	PM2.5	R&P 2025	POPULATION	URBAN	DAILY	NEEDED BY REGULATION	SU 01/01/04 DAILY COLLOCATED
		NCORE	PM10	R&P 2025	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/4/04 Collocated FOR PMCOARSE
		NCORE	PM2.5	R & P 1400AB	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 01/01/05
		NCORE	PM10	1200	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 01/04/04
		STN	BC	URG 3000N	POPULATION	URBAN	CONTINUOUS	BASELINE MONITORING	SU 01/01/07
		STN	PM2.5	METONE	POPULATION	URBAN	1/6 DAY	TRENDS NETWORK	SU 1/2004
		NATTS	TOXICS		POPULATION	URBAN	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL/METAL MONITORING

MSA Network Description

METROPOLITAN STATISTICAL AREA: TAMPA - ST PETERSBURG - CLEARWATER (HILLSBOROUGH, PINELLAS, PASCO AND HERNANDO COUNTIES)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
Pasco County									
101-0005	30908 Warder Rd. 17-3134.500N-372.000E	SLAMS	OZONE	TEI 49C	POPULATION	URBAN	CONTINUOUS	URBAN SPRAWL	SU 09/07/00 MET, SAN ANTONIO
101-2001	3452 DARLINGTON RD 17-3119.882N-327.447E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	URBAN SPRAWL	HOLIDAY SU 1/17/92 MET SLAMS 4/27/92

MSA Network Description

METROPOLITAN STATISTICAL AREA: TAMPA - ST PETERSBURG - CLEARWATER (HILLSBOROUGH, PINELLAS, PASCO AND HERNANDO COUNTIES)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
Pinellas County									
103-0004	2435 SHARKEY RD 17-3095.000N-329.227E	SLAMS	OZONE	API 400E	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 7/1/78 CLEARWATER JC
103-0012	1313 19TH ST N 17-3074.275N-336.490E	SLAMS	PM10	ANDERSEN 1200	HI CONC	NBH	1/6 DAY	TRENDS MONITORING	SU 4/1/92 SLAMS 7/20/92 WOODLAWN
103-0018	7200 22ND AVE N	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 4/6/78 AZALEA PARK MET
		SLAMS	NO2	TEI 42C	POPULATION	NBH	CONTINUOUS	FORECAST ASSISTANCE	SU 1/1/78 NO. NOX NAMS 1/1/92
		SLAMS	PM10	ANDERSEN 1200	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 4/1/92 SLAMS 7/20/92
		SLAMS	PM2.5	R&P 2025 B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 01/01/99 CO-LLOCATED 1/12 DAY
		SPM	PM2.5	R&P 1400AB	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 05/01/01
		NON REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL/METAL MONITORING
103-0023	10100 SAN MARTIN 17-3082.975N-340.173E	SLAMS	SO2	TEI 43C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/79 DERBY LANE
103-0026	8601 60th St. North 17-3043.60N-359.17E	NATTS	BC	Magee Sci AE21	POPULATION	NBH	CONTINUOUS	BASELINE MONITORING	SU MET; SKYVIEW, PINELLAS PK
		CSN	PM2.5	Metone	POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 9/04 SPECIATION
		CSN	PM2.6	URG 3000N					
		NATTS	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/Carbonyl/Metal monitoring
103-1009	1360 SANDY LANE 17-3096.80-324.73	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 9/12/03
103-2008	13280 34TH ST N 17-3086.245N-334.583E	SLAMS	CO	TEI 48C	HI CONC	MICRO	CONTINUOUS	TRENDS MONITORING	SU 4/1/93 SLAMS 7/1/93 GATEWAY
103-3004	1301 ULMERTON 17-3086.730N-325.320E	SLAMS	PM10	GWC 1200	HI CONC	MIDDLE	1/6 DAY	TRENDS MONITORING	SU 7/31/88 COLLOCATED 1/12 DAY MOTORPOOL
103-5002	17-3108.174N-332.880E	SLAMS	PM10	ANDERSEN 1200	POPULATION	NBH	1/6 DAY	TRENDS MONITORING	SU 11/1/88; SLAMS 7/20/92; EASTLAKE
		SLAMS	OZONE	API 400E	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/77 MET
		SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 9/5/07
103-5003	40671 US 19 NORTH 17-3113.970N-329.14E	SLAMS	SO2	TEI 43C	SOURCE	NBH	CONTINUOUS	TRENDS MONITORING	SU 9/18/98 MET OAKWOOD SLAMS 12/1/98

Summary of Sites/Monitors for the Tampa - St Petersburg - Clearwater MSA (Hillsborough, Pinellas, Pasco and Hernando Counties)

Total Number of Sites	Current	Proposed
	22	22

Number of Criteria Pollutant Monitors

	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	3	3	2	Daily FRMs	2	2
Carbon Monoxide	2	2	0	1/3 FRMs	1	1
Ozone	9	9	2	Continuous	5	5
Nitrogen Dioxide	2	2	0	Collocated	2	2
Noy	1	1	1			
PM2.5 Speciation	2	2	0			
Sulfur Dioxide	6	6	0			
PM10	6	6	4			
PM 2.5	8	8	3			
Total	<u>39</u>	<u>39</u>	<u>12</u>			

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA: ORLANDO - KISSIMMEE (LAKE, ORANGE, OSCEOLA AND SEMINOLE COUNTIES)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
069-0002	1901 JOHNS LAKE RD 17-3155.400N-429.220E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 06/01/00 MET LOST LAKE ELM, CLERMONT
069-0003	HIGHWAY19 17-3209.531N-437.555E	SPM	PM25	R & P 1400 AB	HI CONC	URBAN	CONTINUOUS	UNDERSTAND IMPACT OF FIRE ON PM2.5	OCALA NATIONAL FOREST, SU 4/28/04, FOR FORESTRY DELETED 3/31/06 START UP 5/01/06
095-0008	7005 WINEGARD RD 17-3147.400N-4623660E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/88
095-1004	595 N. PRIMROSE 17-3158.100N-466.200E	SLAMS NON-REG	PM10 TOXICS	ANDERSEN 1200 R&P 2025 A	HI CONC POPULATION	NBH NBH	1/6 DAY DAILY	NEEDED BY REGULATION NEEDED BY REGULATION	SU 6/1/90 COLOCATED SLAMS 4/27/92 SU 01/01/99 DAILY MARINE RESERVE
095-2002	MORSE BLVD & DENNING 17-3163.490N-464.515E	SLAMS SLAMS SLAMS	OZONE CO NO2	TEI 49C TEI 48C TEI 42I	POPULATION POPULATION POPULATION	NBH NBH URBAN	CONTINUOUS CONTINUOUS CONTINUOUS	NEEDED BY REGULATION TRENDS MONITORING NEEDED BY REGULATION	SU 1/1/76 WINTER PARK SU 3/23/78 MET SU 1/1/81
		SLAMS	SO2	TEI 43C	HI CONC	NBH	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/76
		SLAMS SLAMS SPM NON-REG	PM10 PM2.5 PM2.5 TOXICS	ANDERSEN 1200 R&P 2025 R&P 1400ab	POPULATION POPULATION POPULATION	NBH NBH NBH	1/6 DAY DAILY CONTINUOUS	NEEDED BY REGULATION NEEDED BY REGULATION USED FOR AQI	SU 5/1/91 SLAMS 5/4/91 NAMS 4/1/98 SU 01/01/99 DAILY CO-LOCATED SU 06/01/00
097-2002	8706 W SR 192 17-3135.679N-437.601E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	URBAN SPRAWL	SU 9/1/93 KISSIMMEE FIRE STATION SLAMS 10/6/93 MET
117-1002	SEMINOLE C.C.(AG COMP) 17-3179.640N-469.730E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 1/1/80 SANFORD MET
		SLAMS	PM10	R & P 1400 AB	POPULATION	NBH	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 12/22/00
		SLAMS	PM2.5	R&P 2025 A	POPULATION	NBH	1/3 DAY	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 02/01/99 CO-LOCATED

Summary of Sites/Monitors for the Orlando - Kissimmee MSA (Lake, Orange, Osceola and Seminole Counties)

Total Number of Sites	Current 7	Proposed 7				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	0	0	0	Daily FRMs	2	2
Carbon Monoxide	1	1	0	1/3 FRMs	1	1
Ozone	5	5	2	Continuous	2	2
Nitrogen Dioxide	1	1	0	Collocated	2	2
Sulfur Dioxide	1	1	1			
PM10	3	3	2			
PM 2.5	5	5	3			
Total	16	16	8			

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA - JACKSONVILLE (BAKER, CLAY, DUVAL, NASSAU AND ST. JOHNS COUNTIES)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
003-0002	OSCEOLA RANGER OFFICE 17-3341.350N-360.900E	SPM	OZONE	TEI 49C	BACKGROUND	URBAN	CONTINUOUS	REGIONAL BACKGROUND	SU 01/01/96 OLUSTEE MET
031-0032	2900 BENNETT/KOOKER PK 17-3358.243N-438.923E	SLAMS	NO2	TEI 43C TEI 42C	HI CONC HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/74
		SPM	PM25	R&P 2025	POPULATION	NBH	DAILY	COMMUNITY RESPONSE	SU 1/6/75
		SLAMS	PM10	R&P 1400A	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 2/1/08
031-0077	13333 LANIER RD 17-3371.662N-443.615E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/79 SHEFFIELD SCHOOL
		SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 9/1/08
031-0080	1605 MINERVA ST 17-3350.000N-437.260E	SLAMS	SO2	TEI 43I	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 1/1/79 SOUTHSIDE PLAYGROUND
031-0081	6801 CEDAR BAY RD	SLAMS	SO2	TEI 43I	SOURCE	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 10/18/79
031-0083	1184 S. MCDUFF AVE	SLAMS	CO	TEI 48C	POPULATION	NBH	CONTINUOUS	SOURCE MONITORING	SU 1/1/78
031-0084	ROSSELL/COPELAND 17-3352.640N-432.168E	SLAMS	PM10	R&P 1400A	HI CONC	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 2/1/80
		SLAMS	CO	TEI 48C	HI CONC	MIDDLE	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/87 COLLOCATED SD 9/29/02 CONVERT TO CONTINUOUS 2/11/08
		SLAMS	CO	TEI 48C	HI CONC	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 1/1/80 SLAMS 1/1/81
031-0097	6241 FORT CAROLINA RD	SLAMS	SO2	TEI 43C	POPULATION	POPULATION	CONTINUOUS	TRENDS MONITORING	SU 9/7/91 NAMS 1/1/92
031-0098	14932 MANDARIN ROAD 17-3333.810N-438.920E	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 06/01/99 DAILY
		SPM	PM2.5	R&P 1400AB	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/1/2004
031-0099	9429 MERRILL ROAD 17-3358.150N-447.340E	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 06/01/99 DAILY CO-LOCATED SUNNY ACRES
031-0100	13600 Wm. DAVIS PARKWAY 17-3347.598N-456.366E	SLAMS	OZONE	TEI 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/02
		SPM	PM2.5	R&P 1400A	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/04 MAYO CLINIC
031-0106	4770 CISCO DR	SPM	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 9/28/2009
<i>New site</i>	<i>Yellow Water Road</i>	<i>SPM</i>	<i>Lead</i>	<i>RSP 2025</i>	<i>POPULATION</i>	<i>NBH</i>	<i>1/6 Day</i>	<i>SOURCE IMPACT</i>	
089-0005	WATER PLT 5TH ST	SLAMS	SO2	TEI 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 1/1/76
<i>New site</i>	<i>Nassau Place Road</i>	<i>SPM</i>	<i>PM25</i>	<i>TEOM</i>	<i>BACKGROUND</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>REGIONAL BACKGROUND</i>	

Summary of Sites/Monitors for the Jacksonville MSA (Baker, Clay, Duval, Nassau and St. Johns Counties)

	Current	Proposed				
Total Number of Sites	13	14				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	0	1	0	Daily FRMs	3	3
Carbon Monoxide	3	3	0	1/3 FRMs	0	0
Ozone	4	5	2	Continuous	2	3
Nitrogen Dioxide	1	1	0	Collocated	1	1
Sulfur Dioxide	4	4	1			
PM10	2	2	1			
PM 2.5	6	7	3			
Total	20	23	7			

Current Sites are in black
 Proposed Sites are in green
 Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA: SARASOTA - BRADENTON - VENICE (MANATEE AND SARASOTA COUNTIES)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
081-3002	PORT MANATEE 17-3057.318N-347.461E	SPM	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 4/1/92 SLAMS 12/98 MET <i>TEMPORARILY SD 6/1/08 to 7/09</i>
081-4012	5502 33RD AVE W 17-3040.540N-340.060E	SPM	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/99 SLAMS 12/98 GT BRAY MET <i>TEMPORARILY SD 6/1/08 to 7/09</i>
081-4013	5511 39TH STREET EAST 17-3036.950N-349.570E	SPM	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/99 MET SLAMS 12/98 <i>TEMPORARILY SD 6/1/08 to 1/10</i>
<i>New site</i>	<i>MANATEE CO SOUTH of Source</i>	<i>SLAMS</i>	<i>SO2</i>	<i>TELEDYNE 700</i>	<i>SOURCE</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	
115-0013	BEE RIDGE PARK 17-3019.350N-350.800E	SPM	PM2.5	R&P 1400AB	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 5/1/08
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 01/06/99 1/3 CO-LOCATED
115-1005	LIDO PARK MCKINLEY DR 17-3021.250N-344.600E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 9/5/89 NAMS 1/00 MET
115-1006	4570 17TH STREET 17-3025.910N-353.620E	SLAMS	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 10/1/99 NAMS 1/00 PAW PARK MET
		<i>SPM</i>	NO2	TEI 42C	POPULATION	NBH	CONTINUOUS	USED TO ASSIST IN FORECASTING	SU 05/01/00 SLAMS 05/00
		SLAMS	PM10	R&P 1400A	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/19/03 T,RH.PRECIP
115-2002	2015 Jackson Rd. 17-2996.88N-364.91E	<i>SPM</i>	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 9/1/03
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 3/09

Summary of Sites/Monitors for the Sarasota - Bradenton - Venice MSA (Manatee and Sarasota Counties)

	Current	Proposed				
Total Number of Sites	7	8				
Number of Criteria Pollutant Monitors						
	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	0	0	0	Daily FRMs	0	0
Carbon Monoxide	0	0	0	1/3 FRMs	1	1
Ozone	6	6	2	Continuous	2	2
Nitrogen Dioxide	1	1	0	Collocated	1	1
PM2.5 Speciation	0	0	0			
Sulfur Dioxide	0	1	1			
PM10	1	1	1			
PM 2.5	4	4	3			
Total	12	13	7			

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY - FDEP NORTHWEST FLORIDA DISTRICT (001)										
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS	
METROPOLITAN STATISTICAL AREA: PANAMA CITY - LYNN HAVEN (BAY COUNTY)										
005-0006	ST ANDREWS PARK	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 7/13/00 MET	
	16-3356.450N-621.970E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU FEB 2009	

Summary of Sites/Monitors for the Panama City - Lynn Haven MSA (Bay County)

Total Number of Sites	Current	Proposed				
	1	1				
Number of Criteria Pollutant Monitors				PM2.5 Breakout		
Ozone	1	1	1	1/3 FRMs	0	0
PM 2.5	1	1	0	Continuous	1	1
Total	2	2	1	Collocated	0	0

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)									
033-0004	ELLYSON IND PARK	SLAMS	OZONE	TECO 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/75 MET
	16-3376.800N-480.400E	SLAMS	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	USED TO SEE EFFECTIVENESS OF NEW	SU 1/1/76 NAMS 8/16/93
		SPM	PM2.5	TEOM	HI CONC	NBH	CONTINUOUS	NEEDED TO MONITOR HIGH CONCENTRATION	SU 2/98
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	USED FOR AQI	SU 01/01/99 1/3 COLLOCATED
033-0018	PENSACOLA NAS	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/21/80 MET
	16-3359.419N-473.975E								
113-0015	1500 WOODLAWN WAY, GULF	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 3/9/05 WOODLAWN BEACH MIDDLE SCH.
	16-3364.59N-499.228E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/19/08

Summary of Sites/Monitors for Pensacola MSA (Escambia and Santa Rosa Counties)

Total Number of Sites	Current	Proposed						
	3	3						
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed		
	Ozone	3	3		2	Daily FRMs	0	0
	Nitrogen Dioxide	0	0		0	1/3 FRMs	1	1
	Sulfur Dioxide	1	1		0	Continuous	2	2
	PM10	0	0		0	Collocated	1	1
	PM 2.5	3	3		0			
	Total	7	7		2			

Current Sites are in black
 Proposed Sites are in green
 Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA: FORT WALTON BEACH - CRESTVIEW - DESTIN (OKALOOSA COUNTY)									
091-0002	1720 LOVEJOY RD NW	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/08 Mary Esther
	16-3366.097N-532.054E								

Number of Criteria Pollutant Monitors	Current	Proposed	Required
Ozone	1	1	1

Outside - MSA Network Description

NOT IN A METROPOLITAN STATISTICAL AREA: BONIFAY (HOLMES COUNTY)									
059-0004	BONIFAY AIRPORT	SPM	OZONE	TECO 49C	BACKGROUND	REGION	CONTINUOUS	REGIONAL BACKGROUND	SU 9/1/96 MET
	16-3413.350N-633.450E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	REGIONAL BACKGROUND	SU 6/14/07

Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed	
Ozone	1	1	0		Continuous	1	1
PM 2.5	1	1	0				
Total	2	2	0				

MSA Network Description

AGENCY - FDEP TALLAHASSEE AMS (001)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN AREA: TALLAHASSEE (LEON, JEFFERSON AND WAKULA COUNTIES)									
073-0012	TALLAHASSEE COM COL	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 6/98 SLAMS 7/1/98 MET
	16-3370.320N-754.670E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/99 FLOW RATE CHANGED FROM 3 to 1 LPM 9/9/05.
		SLAMS	PM2.5	R&P2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 01/01/99, COLLATED 1/12 DAY(2007) 01/01/02
		SPEC	PM2.5	METONE	POPULATION	NBH	1/6 DAY	PART OF THE CSN AT THE HIGHEST CONCENTRATION SITE	SU 01/02/02 SPECIATION
073-0013	MICC. GREENWAYS	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/15/00 MET
	16-3375.620N-768.850E								
073-1005	RT 16 WAKULLA WORK STA	SPM	PM25	TEOM	POPULATION	URBAN	CONTINUOUS	TO UNDERSTAND THE IMPACT OF FIRE ON PM2.5	SU 8/7/96 APALACHICOLA NATIONAL FOREST; CHANGED TO PM2/5 7/11/03
	16-3362.000N-762.500E								
129-0001	ST MARKS WILDLIFE REF	SLAMS	OZONE	TECO 49C	REGIONAL TRANSPORT	URBAN	CONTINUOUS	USED TO UNDERSTAND SPATIAL BEHAVIOR	SU 04/16/01 MET
	16-3332.330N-773.520E	<i>NCORE</i>	<i>NOy</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>CO_TL</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>SO2_TL</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>PM2.5</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>PM10</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>PM2.5</i>				<i>CONTINUOUS</i>	<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
									WITH IMPROVE FOR SPECIATION

Summary of Sites/Monitors for Tallahassee MSA (Jefferson, Leon and Wakula Counties)

	Current	Proposed		
Total Number of Sites	4	4		
			PM2.5 Breakout	
			1/3 FRMs	Current 1
			Continuous	Proposed 3
			Collocated	1
				1

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	3	3	1
Nitrogen Dioxide	0	0	0
PM2.5 Speciation	1	1	0
Sulfur Dioxide	0	1	0
PM10	0	1	0
PM 2.5	3	5	0
Total	7	11	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY - FDEP NORTHEAST FLORIDA DISTRICT (002)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: GAINESVILLE (ALACHUA AND GILCHRIST COUNTY)									
001-0023	5400 NW 43RD ST 17-3286.550N-365.400E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	TRENDS MONITORING	SU 01/01/99 CO-LOCATED
001-0024	SW 8TH AVENUE 17-3281.580N-225E	SPM	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	LOCAL GOVERNMENT REQUEST	SU 9/05/99 WRUF; RUN FOR GRU BY AMBIENT AIR SERVICES
001-3011	100 SAVANNAH BLVD 17-3269.080N-374.33 E	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 8/1/97 ; SLAMS 7/1/98
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	AQI	MET PAYNES PRAIRIE

Summary of Sites/Monitors for Gainesville MSA (Alachua and Gilchrist Counties)

Total Number of Sites	Current 3	Proposed 3
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PM2.5 Breakout

	Current	Proposed
1/3 FRMs	2	2
Continuous	1	1
Collocated	1	1

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	1	1	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM 2.5	3	3	0
Total	4	4	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: PALM COAST (FLAGLER COUNTY)									
<i>New site</i>	<i>Palm Coast</i>	<i>SLAMS</i>	<i>OZONE</i>	<i>TECO 49C</i>	<i>POPULATION</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	

Summary of Sites/Monitors for Palm Coast MSA (Flagler County)

Total Number of Sites	Current 0	Proposed 1
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PM2.5 Breakout

	Current	Proposed
1/3 FRMs	0	0
Continuous	0	0
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	0	1	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM 2.5	0	0	0
Total	0	1	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

Outside - MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
MICROPOLITAN STATISTICAL AREA: LAKE CITY (COLUMBIA COUNTY)									
023-0002	VETERAN'S DOMICILE	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	TO MONITOR THE IMPACT OF HIGH TRAFFIC	SU 11/01/00 VETERAN'S DOMICILE MET
	17-3339.470N-344.070E	SPM	PM25	TEOM	POPULATION	NBH	CONTINUOUS	RURAL MONITORING	SU 5/17/07
NOT IN A METROPOLITAN STATISTICAL AREA: WHITE SPRINGS (HAMILTON COUNTY)									
047-0015	COUNTY RD 137	SLAMS	SO2	TECO 43C	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 9/18/82 WHITE SPRINGS, OXYCHEM
	17-3365.500N-328.700E	SPM	PM25	TEOM	SOURCE	NBH	CONTINUOUS	RURAL MONITORING	SLAMS 4/27/92 MET TEOM 11/6/01 PM2.5 TEOM 5/17/07
MICROPOLITAN STATISTICAL AREA: PALATKA (PUTNUM COUNTY)									
107-1008	COMFORT ROAD	SLAMS	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 8/15/91 BARGE PORT
	17-3284.278N-437.598E	SLAMS	PM10	TEOM	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 8/28/02; TEOM 12/13/02

Outside - MSA Network Description

	Current	Proposed	Required
Ozone	1	1	0
Sulfur Dioxide	2	2	0
PM10	1	1	0
PM 2.5	2	2	0
Total	6	6	0

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY - FDEP CENTRAL FLORIDA DISTRICT (003)

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: PALM BAY - MELBOURNE - TITUSVILLE (BREVARD COUNTY)									
009-0007	401 FLORIDA AVENUE	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 3/1/00 MELBOURNE MET
	17-3103.060N-536.510E	SLAMS	PM25	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 3/1/00
		SLAMS	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/25/07
		<i>SLAMS</i>	<i>PM10</i>	<i>TEOM</i>	<i>SOURCE</i>	<i>URBAN</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>FAY PARK SU 11/1/08</i>
<i>009-0011</i>	<i>FAY BLVD</i>	<i>SPM</i>	<i>PM2.5</i>	<i>TEOM</i>	<i>SOURCE</i>	<i>URBAN</i>	<i>CONTINUOUS</i>	<i>SOURCE MONITORING</i>	<i>FAY PARK SU 11/1/06</i>
	<i>17-3149.04N-519.56E</i>	<i>SPM</i>	<i>SO2</i>	<i>TECO 430</i>	<i>SOURCE</i>	<i>URBAN</i>	<i>CONTINUOUS</i>	<i>SOURCE MONITORING</i>	<i>FAY PARK SU 11/1/07</i>
		<i>SLAMS</i>	<i>PM10</i>	<i>TEOM</i>	<i>SOURCE</i>	<i>URBAN</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>FAY PARK SU 11/1/08</i>
009-4001	400 S. 4TH ST	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/15/88 COCOA BEACH MET
	17-3131.500N-537.700E								

Summary of Sites/Monitors for Palm Bay - Melbourne - Titusville MSA (Brevard County)

Total Number of Sites	Current	Proposed		
	3	3		
			PM2.5 Breakout	
				Current Proposed
			1/3 FRMs	1 1
			Continuous	2 2
			Collocated	0 0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	2	2	2
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	1	1	0
PM10	1	1	0
PM 2.5	3	3	0
Total	7	7	2

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA: OCALA (MARION COUNTY)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
083-0003	SE 17TH ST & SE 30TH AVE	SLAMS	OZONE	TECO49C	HI CONC	NBH	CONTINUOUS	MONITORING GROWTH IMPACT	SU 5/98 YMCA MET SLAMS 7/1/98
	17-3227.200N-392.950E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 01/07/99 Cont 11/27/07
083-0004	692 NW 30TH AVE	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 11/8/00 MET SHERIFF'S DEPT IMPOUND
	17-3229.710N-385.910E								

Summary of Sites/Monitors for Ocala MSA (Marion County)

Total Number of Sites	Current	Proposed		
	2	2		
			PM2.5 Breakout	
				Current Proposed
			1/3 FRMs	0 0
			Continuous	1 1
			Collocated	0 0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	2	2	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM 2.5	1	1	0
Total	3	3	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

METROPOLITAN STATISTICAL AREA: DELTONA-DAYTONA BEACH-ORMOND BEACH (VOLUSIA COUNTY)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
127-2001	5200 SPRUCE ST 17-3219.869N-500.591E	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/92 PORT ORANGE MET NAMS 1/1/92
127-5002	1185-A DUNN AVE 17-3230.711N-494.831E	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/92 DAYTONA MET NAMS 8/27/92
		SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 6/26/98
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 01/04/99 Cont 12/20/07
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 2009
<i>New site</i>	<i>DAYTONA AIRPORT</i>	<i>SLAMS</i>	<i>LEAD</i>	<i>TICSHE</i>	<i>SOURCE</i>	<i>MICRO</i>	<i>1/5 DAY</i>	<i>NEEDED BY REGULATION</i>	<i>EPA IS NEGOCIATING</i>

Summary of Sites/Monitors for Deltona - Daytona Beach - Ormond Beach MSA (Volusia County)

Total Number of Sites	Current 2	Proposed 3
PM2.5 Breakout		
	Current	Proposed
Daily FRMs	0	0
1/3 FRMs	1	1
Continuous	1	1
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Lead	0	1	1
Ozone	2	2	2
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	1	1	0
PM2.5	2	2	2
Total	5	6	5

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: SEBASTIAN - VERO BEACH (INDIAN RIVER COUNTY)									
<i>New site</i>	<i>Sebastian</i>	<i>SLAMS</i>	<i>OZONE</i>	<i>TECO 49I</i>	<i>POPULATION</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>Sebastian is the largest city</i>

Summary of Sites/Monitors for Sebastian - Vero Beach MSA (Indian River County)

Total Number of Sites	Current 0	Proposed 1
PM2.5 Breakout		
	Current	Proposed
1/3 FRMs	0	0
Continuous	0	0
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	0	1	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	0	0	0
Total	0	1	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY - FDEP SOUTHWEST FLORIDA DISTRICT (004)										
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS	
METROPOLITAN STATISTICAL AREA: LAKELAND (POLK COUNTY)										
105-0010	SR640-ANDERSON RD	SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	MONITOR POPULATION	NICHOLS	SU 1/1/95 TEOM 11/17/00
105-6005	17-3081.501N-399.80E	SLAMS	OZONE	TECO 49	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 6/92 LAKELAND NAMS 4/92	
	17-3090.755N-401.588E	SLAMS	SO2		Source	NBH	CONTINUOUS	NEEDED BY REGULATION		PWEI: 14,040
105-6006	FL BAPTIST CHILD HOME	SLAMS	OZONE	TECO 49	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 6/17/92 LAKELAND NAMS 8/27/92 MET	
	17-3100.652N-404.435E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 1/1/99 CO-LOCATED	
		SPM	PM2.5	TEOM	SOURCE	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 8/30/07	
		SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/23/07	

Summary of Sites/Monitors for Lakeland MSA (Polk County)

Total Number of Sites	Current	Proposed
	3	3
PM2.5 Breakout		
	Current	Proposed
1/3 FRMs	1	1
Continuous	1	1
Collocated	1	1

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	2	2	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	2	2	0
PM2.5	2	2	0
Total	6	6	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

Outside - MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)									
017-0005	Power Line Road	SPM	PM2.5	R&P 2025	POPULATION	URBAN	1/3 DAY	MONITORING GROWTH IMPACT	SU 3/4/99 RUN FOR FL POWER CORP BY AMBIENT AIR SERVICES
	17-3206.85N-334.370E								COLOCATED; CRYSTAL RIVER
<i>New site</i>	<i>Crystal River, Citrus Co</i>	<i>SLAMS</i>	<i>SO2</i>		<i>Source</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>PWEI: 14,903</i>

Outside - MSA Network Description

	Current	Proposed	Required
Ozone	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	1	1	0
Total	1	1	0

MSA Network Description

AGENCY - FDEP SOUTH FLORIDA DISTRICT (005)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
MICROPOLITAN STATISTICAL AREA - SEBRING (HIGHLANDS COUNTY)									
055-0003	123 MAIN DRIVE 17-3007.230N-466.270E	SPM	OZONE	TECO 49C	BACKGRND	REGIONAL	CONTINUOUS	REGIONAL BACKGROUND	SU 06/14/01

Summary of Sites/Monitors for Sebring MSA (Highlands County)

Total Number of Sites	Current 1	Proposed 1
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PM2.5 Breakout

	Current	Proposed
1/3 FRMs	0	0
Continuous	0	0
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	1	1	0
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	0	0	0
Total	1	1	0

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: CAPE CORAL - FT MYERS (LEE COUNTY)									
071-0005	FT MYERS WTP	SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	REPLACED PM10 1200 2/22/01
	17-2942.575N-412.492E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 01/01/99 COLLOCATED
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 12/10/08
071-2002	5505 ROSE GARDEN RD.	SLAMS	OZONE	TECO 49	HI CONC	URBAN	CONTINUOUS	USED FOR MAPPING	SU 5/7/01 CAPE CORAL
	17-2936.507N-402.380E								MOVED FROM 071-2001
071-3002	FTMYERS BEACH	SLAMS	OZONE	TECO 49	POPULATION	UBAN	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/95 SCHOOL & BAY MET
	17-2925.550N-406.330E								BAY OAKS PARKS

Summary of Sites/Monitors for Cape Coral - Ft. Myers MSA (Lee County)

Total Number of Sites	Current	Proposed
	3	3

PM2.5 Breakout

	Current	Proposed
1/3 FRMs	1	1
Continuous	1	1
Collocated	1	1

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	2	2	2
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	1	1	1
PM2.5	2	2	2
Total	5	5	5

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY - FDEP SOUTH FLORIDA DISTRICT (005)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA - PUNTA GORDA (CHARLOTTE COUNTY)									
New site	GC Herring 17-2973.447N-371.381E	SLAMS	OZONE	TECO 49J	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	

Summary of Sites/Monitors for Punta Gorda MSA (Charlotte County)

	Current	Proposed	
Total Number of Sites	0	1	
Number of Criteria Pollutant Monitors	Current	Proposed	Required
Ozone	0	1	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	0	0	0
Total	0	1	1

Current Sites are in black
 Proposed Sites are in green
 Deleted sites are in red

MSA Network Description

AGENCY - FDEP SOUTHEAST FLORIDA DISTRICT (006)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: FT PIERCE (ST LUCIE COUNTY)									
085-0005	STUART	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 6/11/10
	17-3005.5764N-575.221E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 6/11/10
111-0013	SAVANAS	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 2/24/11
	17-3029.719N-568.120E								

Summary of Sites/Monitors for Ft. Pierce MSA (St. Lucie County)

Total Number of Sites	Current 1	Proposed 2
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PM2.5 Breakout

	Current	Proposed
1/3 FRMs	0	0
Continuous	1	1
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	1	2	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	1	1	0
Total	2	3	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

MSA Network Description

AGENCY -COLLIER COUNTY (055)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: NAPLES - MARCO ISLAND (COLLIER COUNTY)									
021-0004	LAUREL OAK ELEMENTARY	SPM	OZONE	TECO 49C	POPULATION	URBAN	CONTINUOUS	MONITORING GROWTH IMPACT	SU 09/26/01 MET
	17-2905.57N-428.99E	SPM	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	MONITORING GROWTH IMPACT	SU 3/2/05

Summary of Sites/Monitors for Naples - Marco Island MSA (Collier County)

Total Number of Sites	Current 1	Proposed 1
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PM2.5 Breakout

	Current	Proposed
1/3 FRMs	0	0
Continuous	1	1
Collocated	0	0

Number of Criteria Pollutant Monitors

	Current	Proposed	Required
Ozone	1	1	1
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM2.5	1	1	0
Total	2	2	1

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

IMPROVE NETWORK

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: NONE									
129-0001	ST MARKS WILDLIFE REF	SPM	PM2.5	IMPROVE	BACKGROUND	URBAN	1/3 DAY	NEEDED BY REGULATION	SU 2000
	CHASSAHOWITZKA	SPM	PM2.5	IMPROVE	TRANSPORT	URBAN	1/3 DAY	NEEDED BY REGULATION	SU 1993
086-0030	EVERGLADES NATIONAL	SPM	PM2.5	IMPROVE	BACKGROUND	URBAN	1/3 DAY	NEEDED BY REGULATION	SU 1988

Current Sites are in black
Proposed Sites are in green
Deleted sites are in red

List of abbreviations:

AQI	Air Quality Index
CO	Carbon Monoxide
FRM	Federal Reference Method
HI CONC	High Concentration
MET	Implies that wind speed and wind direction instruments are on site
NAMS	National Air Monitoring stations
NBH	Neighborhood
NCORE	Proposed N-Core
NO2	Nitrogen Dioxide
NON-REG	Non-regulatory Monitoring
PM2.5	Particulate matter with aerodynamic diameter of 2.5 micro meter
PM10	Particulate matter with aerodynamic diameter of 10 micro meter
SLAMS	State and Local Air Monitoring Stations
SO2	Sulfur Dioxide
SPM	Special Purpose Monitors
S SPEC	Supplemental Speciation
SU	Start Up
TREND	Speciation Trends Network
VOC	Volatile Organic Compound

Network Monitoring Requirments

	2010 Census Population	PM2.5 Annual DV	PM2.5 24 hour DV	PM2.5 Monitors Needed	Collocated Continuous PM2.5	Ozone Design Value	Ozone Needed	PM10 Compare to Med Cut Pt	PM10 Needed	N-Core	Lead Needed	PEWI SO2 Needed	PWEI 2008 NEI
Metropolitan statistical areas				msa: 2		msa	3		msa: 2	1		2	149,752
Miami-Fort Lauderdale-Pompano Beach	5,413,212												
Broward County	1,748,066	7.0	16	2	1	62	1	< 120	1				
Miami-Dade County	2,496,435	7.7	15	2	1	67	1	< 120	1				
Palm Beach County	1,320,134	6.3	14	2	1	65	1	< 120	1				
Tampa-St. Petersburg-Clearwater	2,783,243	8	16	2	1	75	2	< 120	2	1	2	2	136,666
Orlando-Kissimmee-Sanford	2,134,411	7.5	16	2	1	69	2	< 120	2			1	14,940
Jacksonville	1,345,596	8.6	18	2	1	68	2	< 120	2			1	31,501
North Port-Bradenton-Sarasota	702,281	6.8	15	1	1	73	2	< 120	1			1	6,269
Lakeland	602,095	7.7	15	1	1	69	2	< 120	1			1	13,618
Palm Bay-Melbourne-Titusville	543,376	6.9	15	1	1	65	2	< 120	1				
Cape Coral-Fort Myers	618,754	6.8	14	1	1	65	2	< 120	1				
Deltona-Daytona Beach-Ormond Beach	494,593	7.2	14	0		63	1	< 120	0		1		
Pensacola-Ferry Pass-Brent	448,991	9.0	19	0		75	2	< 120	0			1	17,242
Port St. Lucie-Fort Pierce	424,107	7.5	16	0		62	1	< 120	0				
Tallahassee	367,413	10.0	23	0		67	2	< 120	0				
Naples-Marco Island	321,520	8.6*	18*	0		63	0	< 120	0				
Ocala	331,298	9.3*	20*	0		66	1	< 120	0				
Gainesville	264,275	7.4	16	0		64	1	< 120	0				
Crestview-Fort Walton Beach-Destin	180,822	<12	<29	0		66**	1	< 120	0				
Panama City-Lynn Haven	168,852	9.4*	20*	0		70	1	< 120	0				
Punta Gorda (Charlotte Co)	159,978	<12	<29	0		<73	1	< 120	0				
Sebastian - Vero Beach	138,028	<12	<29	0		<65	1	< 120	0				
Palm Coast (Flagler Co)	95,696	<12	<29	0		<68	1	< 120	0				

PM2.5 Design Value (DV) cut-point: Annual-12.75 Daily-29.75 Ozone DV cut-point: 63.75 PM10 Medium cut-point:120 * Based on TEOM data ** incomplete data

	2010 Census Pop.	PM2.5 Annual DV	PM2.5 24 hour DV	PM2.5 Monitors Needed	Collocated Continuous PM2.5	O3 DV	Ozone Needed	PM10 Compare to Med Cut Pt	PM10 Needed	N-Core	Additional Lead Needed	PEWI SO2 Needed	
Micropolitan Statistical Areas													
Homosassa Springs (Citrus Co)	141,236	7.4	15.6	0		>63.75	0					1	12,024
Sebring (Highlands Co)	98,786			0		67	0						
Key West-Marathon (Monroe Co)	73,090			0		>63.75	0						
Palatka (Putnam Co)	74,364			0		>63.75	0						
The Villages (Sumter Co)	93,420					>63.75	0						
Lake City (Columbia Co)	67,531					>63.75	0						
Clewiston (Hendry Co)	39,140					>63.75	0						
Okeechobee (Okeechobee Co)	39,996					>63.75	0						
Arcadia (Desoto Co)	34,862					>63.75	0						
Wauchula (Hardee Co)	27,731					>63.75	0						

Monitoring Network Equipment

The network monitoring equipment is required by Air 105 Grant Requirement #1011-13 to be evaluated annually for working condition. The summary of the evaluation is contained in Appendix A.

Appendix A
Monitoring Network Equipment

Property Inventory - 105 Grant Commitment Report
As of: 5/19/2011

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
7009	Locally Made trailer	1/1/1980	31	\$500.00	n/a	Good
14796	UltraSonic Bath 220	1/1/1980	31	\$500.00	A1162	Good
20552	Sencore LC 53	1/1/1980	31	\$350.00	3448433M	Good
21179	Dwyer Instruments Incline Manometer	3/15/1985	26	\$500.00	400-10	Good
26441	Aluma Tower 10M Met Tower	10/16/1987	24	\$1,100.00	n/a	Good
26880	Thermo Environmental Instruments, Inc 43A	1/1/1989	22	\$8,000.00	43A-22800-207	Good
30136	Aluma Tower 10M Met Tower T-135-35	11/21/1991	20	\$1,148.00	n/a	Good
30253	Anderson 1200	8/6/1991	20	\$4,070.00	3834	Good
30277	Wells Cargo Trailer Model	10/2/1991	20	\$9,020.00	1WC200J19M3022127	Good
30278	Wells Cargo Trailer Model	10/2/1991	20	\$0.00	1WC200J10M3022128	Good
30279	Wells Cargo Trailer Model EW2011	10/2/1991	20	\$9,020.00	1WC200J12M3022129	Good
30280	Wells Cargo Trailer Model EW2011	10/2/1991	20	\$9,020.00	EW2011WC22129S	Good
30281	Wells Cargo Trailer Model	10/2/1991	20	\$9,020.00	EW2011WC22131S	Good
31033	Aluma Tower 10M Met Tower	11/21/1991	20	\$1,148.00	na	Good
31034	Aluma Tower 10M Met Tower	11/21/1991	20	\$1,148.00	AT4794-C-11-8	Good
31036	Aluma Tower 10M Met Tower	11/21/1991	20	\$1,148.00	n/a	Good
31037	Aluma Tower 10M Met Tower	11/21/1991	20	\$1,148.00	n/a	Good
31096	Anderson	11/20/1991	20	\$0.00	5957	Good
31305	Wells Cargo Trailer Model	11/21/1991	20	\$9,020.00	1WC200JIXN302977	Good
34341	Wells Cargo Trailer Model	6/16/1993	18	\$9,080.00	1WC200J11P3025611	Good
87214	Aluma Tower 10M Met Tower T-135	10/19/1993	18	\$1,175.00	n/a	Good
87215	Aluma Tower 10M Met Tower T-135	10/19/1993	18	\$1,175.00	n/a	Good
88409	Wells Cargo Trailer Model	12/12/1994	16	\$9,074.93	1WC200J1153030266	Good
88410	Wells Cargo Trailer Model	9/23/1994	17	\$0.00	1WC200J14R3028876	Good
89330	Wells Cargo Trailer Model	9/1/1994	17	\$9,500.00	n/a	Good
89660	Thermo Environmental Instruments, Inc 49	10/17/1994	17	\$6,100.00	49-50379-285	Good
89695	Aluma Tower 10M Met Tower	10/20/1994	17	\$1,300.00	n/a	Good
89696	Aluma Tower 10M Met Tower	10/20/1994	17	\$1,300.00	n/a	Good
89697	Aluma Tower 10M Met Tower T-135-35'	10/20/1994	17	\$1,300.00	n/a	Good
89717	Wells Cargo Trailer Model EW2011	8/15/1994	17	\$9,074.93	1WC200J16R3028877	Good
89762	Thermo Environmental Instruments, Inc 49	10/17/1994	17	\$6,641.00	49-50610-285	Good

Property Inventory - 105 Grant Commitment Report
As of: 5/19/2011

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
89802	Bios DC-2 Flow Meter	12/17/1994	16	\$3,185.73	B0255	Good
89803	Bios DC-2 Flow Meter	12/17/1994	16	\$3,185.73	B0254	Good
89804	Bios DC-2 Flow Meter	12/17/1994	16	\$3,185.74	B0252	Good
90423	Aadco Zero Air Generator	3/6/1995	16	\$3,660.00	65065301	Good
90534	Dell	2/6/1995	16	\$3,455.00	2Q70C	Good
90594	Wells Cargo Trailer Model	1/10/1995	16	\$9,500.00	1WC200J10R3029641	Good
90611	Thermo Env Inst 42C NOx Analyzer	5/17/1995	16	\$10,000.00	42C-52230-291	Good
90617	Thermo Environmental Instruments, Inc 111	5/17/1995	16	\$3,705.00	111-51222-287	Good
91942	Wells Cargo Trailer Model Gas Cylinder Rack	12/6/1995	15	\$1,150.00	n/a	Good
91944	Wells Cargo Trailer Model Gas Cylinder Rack	12/6/1995	15	\$1,150.00	n/a	Good
91947	Wells Cargo Trailer Model Gas Cylinder Rack	12/6/1995	15	\$1,450.00	n/a	Good
92301	Met One Instruments Cup n Vane	4/30/2007	4	\$0.00		Good
92305	Met One Instruments	1/1/2001	10	\$0.00	n/a	Good
92307	Met One Instruments Cup 'n Vane	1/1/1991	20	\$750.00	n/a	Good
92309	Met One Instruments Cup 'n Vane	1/1/1991	20	\$750.00	NA	Good
92310	Met One Instruments Cup 'n Vane	1/1/1991	20	\$750.00	n/a	Good
92312	Met One Instruments Cup 'n Vane	1/1/1991	20	\$750.00	n/a	Good
92327	Zero Air	1/1/1995	16	\$3,660.00	95096101	Good
92727	Wells Cargo Trailer Model	10/2/1995	16	\$6,543.22	1WC200D1953033346	Good
93279	Aluma Tower 10M Met Tower	9/1/1995	16	\$1,388.00	n/a	Good
93280	Aluma Tower 10M Met Tower	9/1/1995	16	\$1,388.00	n/a	Good
93281	Aluma Tower 10M Met Tower T-135	9/1/1995	16	\$1,388.00	n/a	Good
93289	NCI 124 Chart Recorder	12/6/1995	15	\$2,983.90	CVO53828591	Good
93290	NCI 124 Chart Recorder	12/6/1995	15	\$2,983.90	CVO881241300	Good
93291	NCI 124 Chart Recorder	12/6/1995	15	\$2,983.90	CVO53828585	Good
93292	NCI 124 Chart Recorder	12/6/1995	15	\$2,983.90	CVO53828588	Good
93603	Thermo Env Inst 49C Ozone Analyzer	1/24/1996	15	\$6,660.45	49C-53972-298	Good
93604	Thermo Env Inst 49C Ozone Analyzer	1/24/1996	15	\$6,660.45	49C-53973-298	Good
93605	Thermo Env Inst 49C Ozone Analyzer	1/24/1996	15	\$6,660.19	49C-54506-300	Good
93606	Thermo Env Inst 49CPS O3 Primary Standard	1/24/1996	15	\$7,758.49	49CPS-54198-299	Good
93607	Thermo Env Inst 49CPS O3 Primary Standard	1/24/1996	15	\$7,758.40	49CPS-54277-299	Good

Property Inventory - 105 Grant Commitment Report

As of: 5/19/2011

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
93608	Thermo Env Inst 42C NOx Analyzer	11/20/1995	16	\$9,159.26	42C-53822-297	Good
93609	Thermo Env Inst 42C NOx Analyzer	11/20/1995	16	\$9,159.26	42C-53820-297	Good
93612	Thermo Environmental Instruments, Inc 111	11/20/1995	16	\$3,705.00	111-53807-297	Good
93786	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	n/a	Good
93787	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	n/a	Good
93792	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	n/a	Good
93793	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	n/a	Good
93795	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	NA	Good
93798	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	n/a	Good
93799	Met One Instruments Cup 'n Vane	1/1/1992	19	\$750.00	NA	Good
93874	Bios DC-2 Flow Meter	12/26/1995	15	\$2,470.00	B-398	Good
93875	Bios DC-2 Flow Meter	12/26/1995	15	\$2,470.00	B399	Good
93876	Bios DC-2 Flow Meter	12/26/1995	15	\$2,470.00	n/a	Good
93877	Bios DC2 Flow Meter	1/10/2011	0	\$0.00	B403	
93878	Bios DC-2 Flow Meter	12/26/1995	15	\$2,470.00	B404	Good
93883	Wells Cargo Trailer Model	6/21/1996	15	\$9,381.00	1WC200J16T3034007	Good
93884	Wells Cargo Trailer Model EW2011	6/21/1996	15	\$9,381.00	1WC200J18T3034008	Good
94277	EKTO Outdoor Shelter	1/1/1997	14	\$6,000.00	2853-9	Good
96282	Mettler	4/1/1997	14	\$9,608.75	1115282625	Good
97021	Thermo Env Inst 49C Ozone Analyzer	10/15/1996	15	\$6,700.00	49C-56105-309	Good
97022	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56684-309	Good
97023	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.00	49CPS-56681-309	Good
97024	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56677-309	Good
97025	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56678-309	Good
97026	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56679-309	Good
97027	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56680-309	Good
97028	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56682-309	Good
97029	Thermo Env Inst 49CPS O3 Primary Standard	10/15/1996	15	\$8,039.85	49CPS-56688-309	Good
99069	Bios DC-2 Flow Meter	2/3/1998	13	\$3,638.89	B-678	Good
99070	Bios DC-2 Flow Meter	2/3/1998	13	\$3,638.88	B680	Good
99291	Met One Instruments Cup n Vane	1/1/1990	21	\$750.00		Good

Property Inventory - 105 Grant Commitment Report
As of: 5/19/2011

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
99519	Thermo Env Inst 49CPS O3 Primary Standard	12/28/1997	13	\$7,946.00	49CPS-59718-324	Good
99520	Thermo Env Inst 49CPS O3 Primary Standard	12/28/1997	13	\$7,946.00	49CPS-59698-324	Good
99521	Thermo Env Inst 49CPS O3 Primary Standard	12/28/1997	13	\$7,946.00	49CPS-59675-324	Good
99721	Thermo Env Inst 49C Ozone Analyzer	12/28/1997	13	\$7,946.00	49C-59678-324	Good
99722	Thermo Env Inst 49C Ozone Analyzer	12/28/1997	13	\$6,500.00	49C-59677-324	Good
99723	Thermo Env Inst 49C Ozone Analyzer	12/28/1997	13	\$7,946.00	49C-59699-324	Good
99763	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59515-323	Good
99764	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59516-323	Good
99765	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59527-323	Good
99766	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59528-323	Good
99767	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59529-323	Good
99768	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59530-323	Good
99769	Thermo Env Inst 49C Ozone Analyzer	1/20/1998	13	\$6,500.00	49C-59562-323	Good
99770	Thermo Env Inst 49CPS O3 Primary Standard	1/20/1998	13	\$7,946.00	49CPS-59750-324	Good
99771	Thermo Env Inst 43C SO2 Analyzer	1/20/1998	13	\$8,686.00	43C-59308-322	Good
99772	Thermo Env Inst 43C SO2 Analyzer	1/20/1998	13	\$8,686.00	43C-59325-322	Good
99773	Thermo Env Inst 43C SO2 Analyzer	1/20/1998	13	\$8,686.00	43C-59343-322	Good
99774	Thermo Env Inst 43C SO2 Analyzer	1/20/1998	13	\$8,686.00	43C-59344-322	Good
99914	Wells Cargo Trailer Model	3/25/1998	13	\$9,930.00	1WC200J11W3039118	Good
100358	Thermo Env Inst 146C Gas Calibrator	12/18/1997	13	\$9,272.10	146C-59680-324	
100359	Thermo Env Inst 146C Gas Calibrator	12/18/1997	13	\$9,272.10	146C-60152-326	
100360	Thermo Env Inst 146C Gas Calibrator	12/18/1997	13	\$9,272.10	146C-60275-326	
100361	Thermo Env Inst 146C Gas Calibrator	12/18/1997	13	\$9,272.10	146C-60276-326	Good
100505	Aluma Tower 10M Met Tower	11/19/1997	14	\$1,617.35	n/a	Good
100506	Aluma Tower 10M Met Tower	11/19/1997	14	\$1,617.36	n/a	Good
100507	Aluma Tower 10M Met Tower	11/19/1997	14	\$1,617.35	AT71198-102-3	Good
101913	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-61989-333	Good
101914	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-61990-333	Good
101915	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62032-333	Good
101916	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62057-333	Good
101917	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62058-333	Good

Property Inventory - 105 Grant Commitment Report
As of: 5/19/2011

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
101918	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62059-333	Good
101919	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62060-333	Good
101920	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62064-333	Good
101921	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62075-333	Good
101922	Thermo Env Inst 49C Ozone Analyzer	11/6/1998	13	\$7,829.00	49C-62076-333	Good
101923	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61885-333	Good
101924	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61894-333	Good
101925	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61904-333	Good
101926	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61905-333	Good
101927	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61941-333	Good
101928	Thermo Env Inst 49CPS O3 Primary Standard	11/4/1998	13	\$6,152.00	49CPS-61958-333	Good
101929	Thermo Env Inst 49CPS O3 Primary Standard	11/6/1998	13	\$6,152.00	49CPS-61960-333	Good
101930	Thermo Env Inst 49CPS O3 Primary Standard	11/4/1998	13	\$6,152.00	49CPS-61961-333	Good
101931	Thermo Env Inst 49CPS O3 Primary Standard	11/4/1998	13	\$6,152.00	49CPS-61976-333	Good
101932	Thermo Env Inst 49CPS O3 Primary Standard	11/4/1998	13	\$6,152.00	49CPS-61992-333	Good
103171	Thermo Env Inst 43C SO2 Analyzer	4/14/1999	12	\$8,406.00	43C-63357-339	Good
103172	Thermo Env Inst 43C SO2 Analyzer	4/14/1999	12	\$8,406.00	43C-63409-339	Good
103173	Thermo Env Inst 43C SO2 Analyzer	4/14/1999	12	\$8,406.00	43C-63427-339	Good
103620	Thermo Environmental Instruments, Inc 2025A	1/5/1999	12	\$13,489.80	2025A208979810	Good
104138	Thermo Env Inst 1400AB Continuous PM Monitor	10/22/1998	13	\$17,158.00	140AB222099808	Good
104140	EKTO Outdoor Shelter	10/22/1998	13	\$4,978.50	3035-13	Good
104332	Wells Cargo Trailer Model	11/10/1999	12	\$7,660.00	1WC200J12X3042742	Good
104333	Wells Cargo Trailer Model EW2011	11/10/1999	12	\$7,660.00	1WC200J14X3042743	Good
104334	Wells Cargo Trailer Model	3/17/1999	12	\$7,660.00	1WC200J16X3042744	Good
105200	Chinook Engineering FTS	12/14/1999	11	\$1,095.00	57-004506-00001	Good
105654	Thermo Environmental Partisol 2025	5/24/1999	12	\$11,981.80	2025A210659904	Good
105655	Thermo Environmental Partisol 2025	5/24/1999	12	\$11,981.80	2025A210639904	Good
105656	Thermo Environmental Partisol 2025A	5/24/1999	12	\$11,981.80	2025A210679904	Good
105740	Environics 6103	10/31/2002	9	\$11,310.30	2910	Good
106222	Thermo Env Inst 42C NOx Analyzer	12/14/1999	11	\$8,489.00	3860-636	Good
106548	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1018	Good

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106549	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1019	Good
106551	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1024	Good
106552	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1025	Good
106553	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1026	Good
106554	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1027	Good
106555	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1028	Good
106556	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1029	Good
106557	Adam 5000 Data Logger	2/3/2000	11	\$1,450.34	1030	Good
106558	ESC 8816	1/7/2000	11	\$4,025.00	3316	Good
106579	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1711	Good
106580	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1705	Good
106581	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1709	Good
106582	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,453.50	Y1707	Good
106583	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1712	Good
106584	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1713	Good
106585	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1717	Good
106586	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1696	Good
106587	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1710	Good
106588	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1700	Good
106589	Met One Instruments 50.5 Wind Sensor	3/21/2000	11	\$1,350.00	Y1704	Good
106605	Bios DC-2 Flow MeterM	7/31/2002	9	\$3,147.25	B 1241	Good
106606	Bios DC-2 Flow Meter	8/21/2002	9	\$3,147.25	B 1242	Good
106634	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	AT91204-L1-4	Good
106635	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	n/a	Good
106636	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	n/a	Good
106637	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	n/a	Good
106638	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	AT91204-L1-1	Good
106639	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	AT91204-4-8	Good
106640	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	n/a	Good
106641	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	n/a	Good
106642	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	AT91204-L1-#9	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
106643	Aluma Tower 10M Met Tower T-135	1/28/2000	11	\$1,590.00	n/a	Good
106644	Aluma Tower 10M Met Tower	1/28/2000	11	\$1,590.00	AT9120405-6	Good
106667	Thermo Environmental Partisol 2025	1/13/2000	11	\$11,124.34	2025A211439907	Good
106668	Thermo Environmental Partisol 2025	1/13/2000	11	\$11,124.34	2025A21191	Good
106669	Thermo Environmental Partisol 2025	1/13/2000	11	\$11,124.34	2025A211289906	Good
106670	Thermo Env Inst 1400AB Continuous PM Monitor	1/13/2000	11	\$11,124.34	140AB227839911	Good
106671	Thermo Env Inst 1400AB Continuous PM Monitor	1/13/2000	11	\$11,124.34	140AB227829911	Good
106672	Thermo Env Inst 1400AB Continuous PM Monitor	1/13/2000	11	\$18,961.69	140AB227819911	Good
106673	Thermo Env Inst 1400AB Continuous PM Monitor	1/13/2000	11	\$18,961.69	140AB227849911	Good
106674	Thermo Env Inst 1400AB Continuous PM Monitor	1/13/2000	11	\$18,961.69	140AB227859911	Good
106675	Thermo Environmental Partisol 2025	1/13/2000	11	\$18,961.67	2025A21159	Good
106677	Thermo Env Inst 43C SO2 Analyzer	2/3/2000	11	\$9,400.00	43C-65580-348	Good
106678	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65467-348	Good
106679	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65462-348	Good
106680	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65468-348	Good
106681	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65460-348	Good
106683	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65469-348	Good
106684	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65461-348	Good
106685	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65465-348	Good
106686	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-67727-358	Good
106687	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65466-348	Good
106688	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65464-348	Good
106689	Thermo Env Inst 49C Ozone Analyzer	3/17/2000	11	\$7,060.00	49C-65463-348	Good
106690	Thermo Env Inst 43C SO2 Analyzer	3/17/2000	11	\$9,400.00	43C-65990-351	Good
106691	Thermo Env Inst 43C SO2 Analyzer	3/17/2000	11	\$9,400.00	43C-65390-351	Good
106692	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2000	11	\$8,750.00	49CPS-65568-349	Good
106693	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65501-348	Good
106694	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65000-345	Good
106695	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65502-348	Good
106696	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65576-349	Good
106697	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65567-349	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
106698	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65573-349	Good
106699	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65504-348	Good
106700	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65572-349	Good
106701	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-65149-347	Good
106702	Thermo Env Inst 42C NOx AnalyzerTL	3/17/2000	11	\$8,805.00	42CTL-65956-350	Good
106703	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-65546-348	Good
106704	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-65054-348	Good
106705	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-63658-348	Good
106706	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-65544-348	Good
106707	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-63179-348	Good
106708	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-65053-348	Good
106709	Thermo Env Inst 146C Gas Calibrator	3/17/2000	11	\$8,805.00	146C-65543-348	Good
106711	Thermo Env Inst 49CPS O3 Primary Standard	3/17/2000	11	\$8,750.00	49CPS-64682-344	Good
106712	Thermo Env Inst 42C NOx Analyzer	3/17/2000	11	\$10,300.00	42C-65499-348	Good
106801	Bios DC-2 Flow Meter	1/10/2000	11	\$3,261.00	B936	Good
106964	Adam 5000 Data Logger	2/3/2000	11	\$1,450.32	1031	Good
106965	Adam 5000 Data Logger	2/3/2000	11	\$1,450.32	1032	Good
106966	Adam 5000 Data Logger	2/3/2000	11	\$1,450.32	1033	Good
106967	Adam 5000 Data Logger	2/3/2000	11	\$1,450.32	1034	Good
106968	Adam 5000 Data Logger	2/3/2000	11	\$1,450.32	1035	Good
107167	Thermo Env Inst 42C NOx AnalyzerTL	3/17/2000	11	\$6,354.00	42CTL-65772-350	Good
107234	Opsis AR-500	5/8/2000	11	\$163,950.00	AR500-E-665	Good
107471	Chinook Engineering Streamline FTS	6/1/2000	11	\$1,120.00	991101	Good
108018	Hastings	10/7/2002	9	\$3,125.00	1392900001	Good
108019	Hastings	10/7/2002	9	\$3,125.00	1392900002	Good
108020	Hastings	10/7/2002	9	\$3,125.00	1392900003	Good
108180	Dasibi 5008	8/29/2000	11	\$12,580.00	873	Good
108298	Opsis 500	8/1/2000	11	\$19,150.00	OC500-1-029	Good
108299	Aadco	7/10/2000	11	\$5,799.89	2673	Good
108720	Thermo Env Inst 49CPS O3 Primary Standard	10/19/2000	11	\$7,875.00	49CPS-67727-358	Good
108760	Dasibi 5008	10/9/2000	11	\$13,388.75	860	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
108830	Thermo Environmental Partisol 2025	9/26/2000	11	\$10,890.00	2025B213080007	Good
108849	Aadco	9/6/2000	11	\$5,988.00	2682	Good
108995	BGI Incorporated TriCal	12/11/2002	8	\$2,028.00	66	Good
108997	BGI Incorporated TriCal	12/11/2002	8	\$2,028.00	67	Good
109001	Thermo Env Inst 49C Ozone Analyzer	1/23/2001	10	\$7,875.00	49C-68628-361	Good
109126	BGI Incorporated TriCal	12/11/2002	8	\$2,028.00	68	Good
109177	BGI Incorporated TriCal	12/11/2002	8	\$2,028.00	69	Good
109194	Tektronix TDS3032	1/30/2001	10	\$3,821.41	B020425	Good
109195	Dasibi 5008	3/5/2001	10	\$13,388.75	910	Good
109196	Aadco	1/24/2001	10	\$5,755.00	2703	Good
109218	Thermo Env Inst 1400AB Continuous PM Monitor	3/20/2001	10	\$16,975.00	140AB234100012	Good
109219	Thermo Env Inst 1400AB Continuous PM Monitor	3/20/2001	10	\$16,975.00	140AB233270011	Good
109220	Thermo Env Inst 1400AB Continuous PM Monitor	3/20/2001	10	\$16,975.00	140AB233280011	Good
109221	Thermo Env Inst 1400AB Continuous PM Monitor	3/21/2001	10	\$16,975.00	140AB234130012	Good
109222	Thermo Env Inst 1400AB Continuous PM Monitor	3/2/2001	10	\$16,975.00	140AB233290011	Good
109620	EnviroNics Portable Mass Flow System	5/4/2001	10	\$7,495.00	FEPA001	Good
109621	EnviroNics Portable Mass Flow System	5/4/2001	10	\$7,495.00	FEPA002	Good
109622	EnviroNics Portable Mass Flow System	5/4/2001	10	\$7,495.00	FEPA003	Good
109727	EKTO Outdoor Shelter	3/20/2001	10	\$4,795.00	3200-13A	Good
109728	EKTO Outdoor Shelter	3/20/2001	10	\$4,795.00	3224-15	Good
110129	Wells Cargo Trailer Model WC200E	2/18/2003	8	\$10,277.00	1WC200E1733049495	Good
110268	Total Control Products, Inc QM1104ROA	4/13/2001	10	\$2,698.26	5221412	Good
110269	Quick Marquee	4/13/2001	10	\$2,803.00	5221434	Good
110688	Aluma Tower 10M Met Tower	8/27/2001	10	\$1,660.00	n/a	Good
110689	Aluma Tower 10M Met Tower	8/27/2001	10	\$1,660.00	n/a	Good
110690	Aluma Tower 10M Met Tower	8/27/2001	10	\$1,660.00	n/a	Good
110690	Aluma Tower 10M Met Tower	8/27/2001	10	\$1,660.00	n/a	Good
110692	Aluma Tower 10M Met Tower	8/21/2000	11	\$1,660.00	n/a	Good
110927	Thermo Env Inst 49CPS O3 Primary Standard	6/28/2001	10	\$6,354.00	49CPS-70575-366	Good
110928	Thermo Env Inst 49C Ozone Analyzer	6/28/2001	10	\$7,875.00	49C-70531-366	Good
110945	Thermo Env Inst 1400AB Continuous PM Monitor	5/8/2001	10	\$16,975.00	140AB235500103	Good

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110946	Thermo Env Inst 1400AB Continuous PM Monitor	5/8/2001	10	\$16,975.00	140AB235430103	Good
111216	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,350.00	A5872	Good
111217	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,350.00	A5871	Good
111218	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,350.00	A5875	Good
111219	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,350.00	A5877	Good
111220	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,350.00	A5876	Good
111221	Met One Instruments 50.5 Wind Sensor	10/15/2001	10	\$1,515.06	A5873	Good
111336	Adam 5000 Data Logger	12/7/2001	9	\$1,300.00	IAA0104612	Good
111464	Weller WRS-3000 Soldering/Desoldering Station	11/13/2001	10	\$1,494.00	n/a	Good
111465	Weller WRS-3000 Soldering/Desoldering Station	11/13/2001	10	\$1,494.00	n/a	Good
111485	EKTO Outdoor Shelter 432SP	11/13/2001	10	\$4,795.00	3424-5	Good
111486	Thermo Env Inst 1400AB Continuous PM Monitor	12/1/2001	9	\$16,995.00	140AB238010110	Good
111487	Thermo Env Inst 1400AB Continuous PM Monitor	11/13/2001	10	\$16,995.00	140AB238020110	Good
111488	EKTO Outdoor Shelter	11/13/2001	10	\$4,985.00	3299-5	Good
111524	Dasibi 5008	11/15/2001	10	\$12,580.00	939	Good
111532	Thermo Env Inst 42C NOx Analyzer	12/17/2001	9	\$8,370.00	42C-72457-371	Good
112109	Thermo Env Inst 1400AB Continuous PM Monitor	2/7/2002	9	\$17,460.00	140AB239110201	Good
112110	Wells Cargo Trailer Model	1/17/2002	9	\$10,812.00	1WC200J2223047926	Good
112111	Met One Instruments 083D-1-35 Temp/Humidity Sensor	3/11/2002	9	\$1,059.50	B1809	Good
113708	Bios DCL-MH	6/20/2002	9	\$1,108.50	6225	Good
113711	Hastings	6/19/2002	9	\$3,294.85	1244400001	Good
113812	R&P ACCU	9/5/2002	9	\$4,542.00	ACCUB305180101	Good
113829	Hastings Mass Flow Controller	7/26/2002	9	\$1,629.00	AW02313002	Good
113830	Hastings Mass Flow Controller	7/26/2002	9	\$1,629.00	AW02313003	Good
113831	Hastings Mass Flow Controller	9/10/2002	9	\$1,629.00	AW02313004	Good
113832	Hastings Mass Flow Controller	9/10/2002	9	\$1,629.00	AW02313001	Good
114161	Thermo Env Inst 1400AB Continuous PM Monitor	12/25/2002	8	\$16,995.00	140AB242620208	Good
114162	Thermo Env Inst 1400AB Continuous PM Monitor	12/25/2003	7	\$16,995.00	140AB242930209	Good
114230	Adam 5000 Data Logger Data Logger	12/2/2002	8	\$1,852.03	1AA0459379	Good
114231	Adam 5000 Data Logger Data Logger	12/13/2002	8	\$1,851.59	1AA0382773	Good
114693	Met One Instruments 50.5 Wind Sensor	1/16/2003	8	\$1,782.50	B5765	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
114694	Met One Instruments 50.5 Wind Sensor	1/16/2003	8	\$1,782.50	B5766	Good
114696	Met One Instruments 083D-1-35 Temp/Humidity Sensor	1/16/2003	8	\$1,142.50	B5989	Good
114706	Enviroics 6103	2/19/2003	8	\$11,310.30	3046	Good
114707	Enviroics 6103	2/19/2003	8	\$11,310.30	3062	Good
115149	Lightning Master Corporation	12/18/2003	7	\$2,334.00	n/a	Good
115150	Lightning Master Corporation	12/18/2003	7	\$2,334.00	n/a	Good
115151	Lightning Master Corporation	1/10/2003	8	\$2,334.00	202103112	Good
115152	Lightning Master Corporation	1/10/2003	8	\$2,334.00	n/a	Good
115153	Lightning Master Corporation	12/18/2003	7	\$2,334.00	202103111	Good
115154	Lightning Master Corporation	12/18/2002	8	\$2,334.00	202103452	Good
115155	Lightning Master Corporation	12/18/2002	8	\$2,334.00	202103451	Good
115156	Lightning Master Corporation	12/18/2002	8	\$2,334.10	n/a	Good
115157	Lightning Master Corporation	1/6/2003	8	\$2,334.00	n/a	Good
115158	Lightning Master Corporation	12/18/2002	8	\$2,334.00	304005441	Good
115159	Lightning Master Corporation	2/25/2003	8	\$8,587.55	n/a	Good
115507	Thermo Env Inst 1400AB Continuous PM Monitor	5/13/2003	8	\$17,460.00	140AB245470304	Good
115508	Thermo Env Inst 1400AB Continuous PM Monitor	5/13/2003	8	\$17,460.00	140AB245490304	Good
115569	R&P ACCU	3/12/2003	8	\$4,690.00	ACCUB305790211	Good
115570	Thermo Env Inst 1400AB Continuous PM Monitor	3/12/2003	8	\$16,995.00	140ab244590302	Good
115792	Thermo Env Inst 49C Ozone Analyzer	6/10/2003	8	\$5,720.80	49C-78831-389	Good
115793	Thermo Env Inst 49CPS O3 Primary Standard	6/10/2003	8	\$8,127.00	49CPS-78832-389	Good
115794	Thermo Env Inst 49CPS O3 Primary Standard	6/10/2003	8	\$8,127.00	49CPS-78833-389	Good
116105	Hastings	4/21/2003	8	\$1,310.00	16156	Good
116106	Hastings	4/21/2003	8	\$1,310.00	16157	Good
117061	Adam 5000 Data Logger Data Logger	5/27/2003	8	\$1,652.75	1154	Good
117062	Adam 5000 Data Logger Data Logger	5/27/2003	8	\$1,652.75	1155	Good
117063	Adam 5000 Data Logger Data Logger	5/27/2003	8	\$1,652.75	1156	Good
117235	Lightning Master Corporation	7/17/2003	8	\$2,421.56	n/a	Good
117236	Lightning Master Corporation	5/23/2003	8	\$2,421.67	n/a	Good
117237	Lightning Master Corporation	7/17/2003	8	\$2,421.56	n/a	Good
117238	Enviroics	6/5/2003	8	\$1,310.00	16527	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
117239	Environics	6/5/2003	8	\$1,310.00	16528	Good
117393	Calibration Bath	6/10/2003	8	\$9,972.90	803050081	Good
117858	Foil Kit	7/17/2003	8	\$1,185.00	613	Good
117859	Foil Kit	7/17/2003	8	\$1,185.00	614	Good
117860	Foil Kit	7/17/2003	8	\$1,185.00	631	Good
117862	Foil Kit	6/25/2003	8	\$1,185.00	AT03243003	Good
117863	MASS FLOW CONTROLLER	4/9/2003	8	\$1,592.96	AT03133039	Good
118079	Bios ML 800	10/10/2003	8	\$33,075.00	n/a	Good
119262	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0451	Good
119263	ESC 8832 Data Logger	2/24/2004	7	\$6,270.00	A0457	Good
119264	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0458	Good
119265	ESC 8832 Data Logger	2/20/2004	7	\$7,220.00	A0463	Good
119266	ESC 8832 Data Logger	2/20/2004	7	\$7,220.00	A0464	Good
119267	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0465	Good
119268	ESC 8832 Data Logger	2/24/2004	7	\$6,270.00	A0466	Good
119269	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0467	Good
119270	ESC 8832 Data Logger	2/24/2004	7	\$6,270.00	A0473	Good
119271	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0487	Good
119272	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0488	Good
119273	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0489	Good
119274	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0490	Good
119275	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0491	Good
119276	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0492	Good
119277	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0493	Good
119278	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0494	Good
119279	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0495	Good
119280	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0496	Good
119281	ESC 8832 Data Logger	3/1/2004	7	\$6,270.00	A0497	Good
119282	ESC 8832 Data Logger	5/13/2004	7	\$7,220.00	A0588	Good
119283	ESC 8832 Data Logger	8/12/2004	7	\$6,220.00	A0589	Good
119284	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0590	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
119285	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0591	Good
119286	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0592	Good
119287	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0593	Good
119288	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0594	Good
119289	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0595	Good
119290	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0596	Good
119291	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0597	Good
119292	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0598	Good
119293	ESC 8832 Data Logger	8/12/2004	7	\$6,270.00	A0599	Good
119294	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0600	Good
119295	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0601	Good
119296	ESC 8832 Data Logger	5/13/2004	7	\$6,270.00	A0602	Good
119297	ESC 8832 Data Logger	5/13/2004	7	\$7,220.00	A0603	Good
119754	Aadco	3/29/2004	7	\$6,297.00	2820	Good
120171	Chinook Engineering FTS	4/21/2004	7	\$1,835.00	HL1	Good
120172	Chinook Engineering FTS	4/21/2004	7	\$1,835.00	HL2	Good
121000	Lightning Master Corporation	9/27/2004	7	\$2,810.00	304005441	Good
121305	Environics 6103	9/1/2004	7	\$12,948.50	3285	Good
121345	Lightning Master Corporation	7/16/2004	7	\$2,810.79	n/a	Good
121346	Lightning Master Corporation	7/16/2004	7	\$2,810.80	n/a	Good
121347	Lightning Master Corporation	7/16/2004	7	\$2,810.80	101100942	Good
121348	Lightning Master Corporation	7/16/2004	7	\$2,810.80	n/a	Good
121816	Thermo Env Inst 1400AB Continuous PM Monitor	11/10/2004	7	\$17,460.00	140AB253220409	Good
121817	Thermo Env Inst 1400AB Continuous PM Monitor	11/10/2004	7	\$17,460.00	140AB253230409	Good
121818	Thermo Env Inst 1400AB Continuous PM Monitor	11/10/2004	7	\$17,460.00	140AB253240409	Good
121819	Thermo Env Inst 1400AB Continuous PM Monitor	11/10/2004	7	\$17,460.00	140AB253250409	Good
121882	Chinook Engineering FTS	10/28/2004	7	\$1,835.00	HL3	Good
121883	Chinook Engineering FTS	10/28/2004	7	\$1,835.00	HL4	Good
121892	Met One Instruments 50.5 Wind Sensor	11/1/2004	7	\$1,420.00	D6936	Good
121893	Met One Instruments 50.5 Wind Sensor	11/1/2004	7	\$1,420.00	D6937	Good
121894	Met One Instruments 50.5 Wind Sensor	11/1/2004	7	\$1,420.00	D6938	Good

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121895	Met One Instruments 50.5 Wind Sensor	10/21/2004	7	\$1,420.00	D6939	Good
121896	Met One Instruments 50.5 Wind Sensor	10/21/2004	7	\$1,420.00	D7204	Good
122188	NovaLynx 355-A10900	8/23/2004	7	\$1,404.69	995472-U1	Good
124178	Wells Cargo Trailer Model TW122	5/16/2005	6	\$9,534.25	1WC200E2353053636	Good
124416	Met One Instruments 50.5 Wind Sensor	6/13/2005	6	\$1,515.45	E2335	Good
124417	Met One Instruments 083D-1-35 Temp/Humidity Sensor	7/1/2005	6	\$1,515.45	D7561	Good
124758	Fluke 715/87V Multimeter/Voltage Source	6/9/2005	6	\$1,081.00	8881056	Good
124759	Fluke 715/87V Multimeter/Voltage Source	6/9/2005	6	\$1,081.00	8881048	Good
124760	Fluke 715/87V Multimeter/Voltage Source	6/9/2005	6	\$1,081.00	8881046	Good
124761	Fluke 715/87V Multimeter/Voltage Source	6/9/2005	6	\$1,081.00	8881038	Good
124762	Fluke 715/87V Multimeter/Voltage Source	7/14/2005	6	\$1,081.00	8881043	Good
124763	Fluke 715/87V Multimeter/Voltage Source	7/14/2005	6	\$1,081.00	8767140	Good
124764	Fluke 715/87V Multimeter/Voltage Source	7/14/2005	6	\$1,081.00	8767074	Good
124765	Fluke 715/87V Multimeter/Voltage Source	7/14/2005	6	\$1,081.00	8767090	Good
124766	Fluke 43B Voltage Source Analyzer	6/9/2005	6	\$1,977.45	DM8860166	Good
125011	Thermo Environmental Partisol 2025	7/7/2005	6	\$11,890.00	2025B218010506	Good
125012	Thermo Environmental Partisol 2025	7/1/2005	6	\$11,890.00	2025B217930506	Good
126838	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	3PL7H91	Good
126839	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	2SL7H91	Good
126840	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	1W4YC91	Good
126841	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	7X4YC91	Good
126842	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	DQL7H91	Good
126843	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	CW4YC91	Good
126844	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	7RL7H91	Good
126845	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	BQL7H91	Good
126846	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	JRL7H91	Good
126847	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	4QL7H91	Good
126848	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	3RL7H91	Good
126849	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	BX4YC91	Good
126850	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	4NL7H91	Good
126852	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	HX4YC91	Good

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126853	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	8W4YC91	Good
126854	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	4X4YC91	Good
126855	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	1QL7H91	Good
126856	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	6PL7H91	Good
126857	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	GQL7H91	Good
126858	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	8NL7H91	Good
126859	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	2PL7H91	Good
126860	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	HPL7H91	Good
126861	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	9rl7h91	Good
126862	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	FPL7H91	Good
126863	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	JNL7H91	Good
126864	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	8QL7H91	Good
126865	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	7NL7H91	Good
126866	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	CPL7H91	Good
126867	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	2NL7H91	Good
126868	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	9PL7H91	Good
126869	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	HML7H91	Good
126870	Dell Optiplex 170L Site Computer	2/16/2006	5	\$571.54	FNL7H91	Good
126871	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	BNL7H91	Good
126872	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	CRL7H91	Good
126873	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	7QL7H91	Good
126874	Dell Optiplex 170L Site Computer	2/28/2006	5	\$571.54	4RL7H91	Good
126875	Dell Optiplex 170L Site Computer	2/28/2006	5	\$563.00	1RL7H91	Good
126876	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	FRL7H91	Good
126877	Dell Optiplex 170L Site Computer	2/8/2006	5	\$571.54	HQL7H91	Good
126972	AALBORG GFM-17 Flow Meter	2/27/2006	5	\$1,192.25	154938-1	Good
126973	AALBORG GFM-17 Flow Meter	3/3/2006	5	\$1,154.25	154938-2	Good
127261	Thermo Env Inst 49C Ozone Analyzer	3/21/2006	5	\$8,682.00	0536 114346	Good
127262	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2006	5	\$11,325.00	0536 114350	Good
127263	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2006	5	\$11,325.00	0536 114349	Good
127264	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2006	5	\$11,325.00	0536 114347	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
127265	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2006	5	\$11,325.00	0536 114348	Good
127266	Thermo Env Inst 49CPS O3 Primary Standard	3/21/2006	5	\$11,325.00	536114351	Good
127267	Thermo Env Inst 43C SO2 Analyzer	3/21/2006	5	\$12,606.00	523012668	Good
127268	Thermo Environmental Instruments, Inc 48CTLE	3/21/2006	5	\$11,355.00	0536 114345	Good
127352	Aadco Zero Air Generator	4/10/2006	5	\$4,205.00	2878	Good
127392	Fluke 8505A Multimeter	4/10/2006	5	\$15,532.00	908852245	Good
127441	Aluma Tower 10M Met Tower	4/3/2006	5	\$2,235.00	n/a	Good
127442	Aluma Tower 10M Met Tower T-135-35	5/1/2006	5	\$2,235.00	n/a	Good
127530	Fluke 715/87V Multimeter/Voltage Source	5/3/2006	5	\$1,295.05	9015198	Good
127531	Fluke 715/87V Multimeter/Voltage Source	5/3/2006	5	\$1,295.05	9005307	Good
127612	ESC 8832 Data Logger	4/21/2006	5	\$6,200.00	A1289	Good
127613	ESC 8832 Data Logger	4/21/2006	5	\$6,200.00	A1288	Good
127614	ESC 8832 Data Logger	4/24/2006	5	\$6,200.00	A1287	Good
127615	ESC 8832 Data Logger	4/21/2006	5	\$6,790.00	A1286	Good
128028	BK Precision 865	5/25/2006	5	\$1,090.00	113-01362	Good
128367	Bios ML 800 Mas Flow Reference Standard	7/6/2006	5	\$15,155.00	108053	Good
128690	Hastings MASS FLOW CONTROLLER	7/13/2006	5	\$1,375.00	3315400002	Good
128691	Hastings MASS FLOW CONTROLLER	7/13/2006	5	\$1,375.00	3315400081	Good
128692	Hastings MASS FLOW CONTROLLER	7/13/2006	5	\$1,375.00	3315400003	Good
131359	eLutions iRX Wireless Application Platform	3/8/2007	4	\$1,166.25	809001680	Good
132187	Thermo Env Inst 1400AB Continuous PM Monitor	5/15/2007	4	\$24,964.00	140AB266790704	Good
132276	eLutions iRX Wireless Application Platform	5/14/2007	4	\$1,118.61	809002059	Good
132277	eLutions iRX Wireless Application Platform	5/14/2007	4	\$1,116.25	809002049	Good
132279	eLutions iRX Wireless Application Platform	5/14/2007	4	\$1,116.25	809001639	Good
132280	eLutions iRX Wireless Application Platform	5/14/2007	4	\$1,116.25	809001693	Good
132281	Thermo Env Inst 49iPS Ozone Primary Standard	5/25/2007	4	\$9,361.00	714922084	Good
132282	Thermo Env Inst 49i Ozone Analyzer	5/25/2007	4	\$7,313.00	714922083	Good
132487	Thermo Env Inst 1400AB Continuous PM Monitor	5/8/2007	4	\$19,224.00	140AB267260705	Good
132884	Thermo Environmental Instruments, Inc 42i NO Analyzer	6/28/2007	4	\$11,305.00	CM07230014	Good
133513	Chinook Engineering Streamline Pro Flow Meter	8/28/2007	4	\$3,548.00	M070802	Good
133755	Dell Optiplex 320 Site Computer	10/8/2007	4	\$810.22	2BMDWD1	Good

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133756	Dell Optiplex 320 Site Computer	10/8/2007	4	\$810.22	3BMDWD1	Good
133757	Dell Optiplex 320 Site Computer	10/8/2007	4	\$810.22	H9MDWD1	Good
133758	Dell Optiplex 320 Site Computer	10/8/2007	4	\$810.22	1BMDWD1	Good
133759	Dell Optiplex 320 Site Computer	10/8/2007	4	\$810.22	D9MDWD1	Good
134155	Thermo Env Inst 1400AB Continuous PM Monitor	11/20/2007	3	\$17,479.00	140AB268550709	Good
134321	ESC 8832 Data Logger	1/3/2008	3	\$6,020.00	A2187	Good
134322	ESC 8832 Data Logger	1/3/2008	3	\$6,020.00	A2188	Good
134323	ESC 8832 Data Logger	1/3/2008	3	\$6,020.00	A2326K	Good
134548	Thermo Env Inst 1400AB Continuous PM Monitor	2/15/2008	3	\$18,845.00	140AB270280801	Good
135127	Fluke 715/87V Multimeter/Voltage Source	4/8/2008	3	\$1,300.78	9612035	Good
135128	Fluke 715/87V Multimeter/Voltage Source	4/8/2008	3	\$1,300.78	9612049	Good
135129	Fluke 715/87V Multimeter/Voltage Source	4/8/2008	3	\$1,300.78	9612059	Good
135228	eLutions iRX Wireless Application Platform	4/10/2008	3	\$1,116.25	809001633	Good
135229	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001626	Good
135230	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001654	Good
135231	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001677	Good
135232	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001695	Good
135233	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001673	Good
135234	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001640	Good
135235	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001631	Good
135236	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001648	Good
135237	eLutions iRX Wireless Application Platform	4/8/2008	3	\$1,116.25	809001684	Good
135238	Aluma Tower 10M Met Tower T-135-35	4/22/2008	3	\$2,367.50	AT-82070-T-4-1	Good
135239	Aluma Tower 10M Met Tower T-135-35	4/22/2008	3	\$2,367.50	AT-82070-T-4-2	Good
135538	Wells Cargo Trailer Model EW2011	5/28/2008	3	\$14,597.00	1WC200J2383058622	Good
135562	Wells Cargo Trailer Model EW2011	5/28/2008	3	\$14,597.00	1WC200J2583058623	Good
137051	Thermo Env Inst 49i Ozone Analyzer-A1NAA	7/9/2008	3	\$7,533.50	820431148	Good
137052	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	7/9/2008	3	\$10,165.00	820430996	Good
137565	Thermo Environmental Instruments, Inc 1405	9/5/2008	3	\$17,554.00	1405A202240808	Good
138234	Tisch Environmental Inc. TE-5170-DV Lead Monitor	2/13/2009	2	\$3,090.62	P7404	Good
138235	Tisch Environmental Inc. TE-5170-DV Lead Monitor	2/13/2009	2	\$3,090.63	P7405	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
138236	Tisch Environmental Inc. TE-5170-DV Lead Monitor	2/13/2009	2	\$3,090.63	P7406	Good
138237	Tisch Environmental Inc. TE-5170-DV Lead Monitor	2/13/2009	2	\$3,090.63	P7407	Good
138238	Tisch Environmental Inc. TE-5170-DV Lead Monitor	2/13/2009	2	\$3,090.63	P7408	Good
138290	ESC 8832 Data Logger	2/11/2009	2	\$6,836.66	A3101K	Good
138291	ESC 8832 Data Logger	2/11/2009	2	\$6,836.67	A3102K	Good
138292	ESC 8832 Data Logger	3/11/2009	2	\$6,836.67	A3103K	Good
138593	Chinook Engineering Streamline Pro Flow Meter	3/6/2009	2	\$3,917.00	M081202	Good
138594	Chinook Engineering Streamline Pro Flow Meter	3/6/2009	2	\$3,917.00	M081204	Good
138595	Chinook Engineering Streamline Pro Flow Meter	3/6/2009	2	\$3,917.00	M080510	Good
138596	Met One Instruments 50.5 Wind Sensor	4/20/2009	2	\$2,365.00	H11151	Good
138597	Met One Instruments 50.5 Wind Sensor	4/20/2009	2	\$2,365.00	H11154	Good
139025	Thermo Env Inst 49i Ozone Analyzer-PS-ANAA	5/4/2009	2	\$10,202.76	913235776	Good
139174	Thermo Env Inst 49i Ozone Analyzer-A1NAA	5/12/2009	2	\$7,569.45	CM09130039	Good
139697	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	2	\$15,161.19	2025B225330905	Good
139698	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	2	\$15,161.19	2025B225320905	Good
139699	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	2	\$17,705.76	1405A204650904	Good
139700	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	2	\$17,705.77	1405A204780905	Good
139701	Wells Cargo Trailer Model EW2011	6/9/2009	2	\$16,922.25	1WC200J2693059622	Good
139702	Wells Cargo Trailer Model EW2011	6/9/2009	2	\$16,922.25	1WC200J2893059623	Good
140120	Teledyne API M700E	10/15/2009	2	\$16,958.96	703-S	Good
140296	Thermo Environmental Instruments, Inc 2025B	11/20/2009	1	\$12,575.80	2025B225830910	Good
140297	Thermo Environmental Instruments, Inc 2025B	11/20/2009	1	\$12,575.80	2025B225910911	Good
140298	Thermo Environmental Instruments, Inc 2025B	11/20/2009	1	\$12,575.81	2025B225920912	Good
140299	Thermo Environmental Instruments, Inc 2025B	11/20/2009	1	\$12,575.81	2025B225930912	Good
140300	Thermo Environmental Instruments, Inc 2025B	11/20/2009	1	\$12,575.80	2025B225940912	Good
140301	Thermo Env Inst 49i Ozone Analyzer-A1NAA	12/17/2009	1	\$7,936.32	CM09500013	Good
140302	Thermo Env Inst 49i Ozone Analyzer-A1NAA	12/17/2009	1	\$7,936.32	CM09500014	Good
140303	Thermo Env Inst 49i Ozone Analyzer-A1NAA	12/17/2009	1	\$7,936.32	CM09500015	Good
140304	Thermo Env Inst 49i Ozone Analyzer-A1NAA	12/17/2009	1	\$7,936.32	CM09500016	Good
140305	Thermo Env Inst 49i Ozone Analyzer-A1NAA	12/17/2009	1	\$7,936.33	CM09500017	Good
140306	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	12/17/2009	1	\$9,808.00	35239567	Good

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140307	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	2/3/2010	1	\$9,808.00	935239568	Good
140308	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	12/17/2009	1	\$9,808.00	935239569	Good
140309	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	12/17/2009	1	\$9,808.00	935239570	Good
140310	Thermo Env Inst 49iPS Ozone Primary Standard-ANAA	12/17/2009	1	\$9,808.01	935239571	Good
140617	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	898-S	Good
140618	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	896-S	Good
140619	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	897-S	Good
140620	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	895-S	Good
140621	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	899-S	Good
140622	Teledyne API 700E Dynamic Dilution Calibrator	6/16/2010	1	\$15,103.00	900-S	Good
140661	ESC 8832 Data Logger	6/22/2010	1	\$9,017.50	A3730K	Good
140662	ESC 8832 Data Logger	6/22/2010	1	\$9,017.50	A3731K	Good
140930	Vaisala WXT520 Weather Transmitter	6/30/2010	1	\$1,767.75	F2620012	Good
141098	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120467	Good
141108	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120469	Good
141109	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120460	Good
141110	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120461	Good
141111	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120827	Good
141112	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120463	Good
141113	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120466	Good
141114	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120470	Good
141118	Bios Definer Model 220 - M Flow Meter	9/22/2010	1	\$1,890.00	120826	Good
141119	Bios Definer Model 220 - M Flow Meter	11/17/2010	1	\$1,890.00	120464	Good
141120	Bios Definer Model 220 - M Flow Meter	11/17/2010	1	\$1,890.00	120462	Good
141121	Bios Definer Model 220 - M Flow Meter	11/17/2010	1	\$1,890.00	120468	Good
141122	Bios Definer Model 220 - M Flow Meter	11/17/2010	1	\$1,890.00	120465	Good
141123	Bios Definer Model 220 - M Flow Meter	11/17/2010	1	\$1,890.00	120459	Good
141124	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.00	120535	Good
141125	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.00	120540	Good
141126	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.00	120544	Good
141130	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.00	120537	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
141131	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120787	Good
141132	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120788	Good
141133	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120640	Good
141134	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120541	Good
141135	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120539	Good
141136	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120534	Good
141137	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120536	Good
141138	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120786	Good
141139	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120538	Good
141140	Bios Definer Model 220 - H Flow Meter	11/17/2010	1	\$1,890.99	120542	Good
142160	Teledyne API T400 Ozone Analyzer	1/21/2011	0	\$7,819.25	83	Good
142161	Teledyne API T400 Ozone Analyzer	1/21/2011	0	\$7,819.25	84	Good
142162	Teledyne API T400 Ozone Analyzer	1/21/2011	0	\$7,819.25	85	Good
142163	Teledyne API T400 Ozone Analyzer	1/21/2011	0	\$7,819.25	86	Good
142164	Teledyne API T400 Ozone Analyzer	1/21/2011	0	\$7,819.25	87	Good
142165	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3412	Good
142166	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3413	Good
142167	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3414	Good
142168	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3415	Good
142169	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3416	Good
142170	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3418	Good
142171	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3419	Good
142172	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3420	Good
142173	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3421	Good
142174	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3422	Good
142175	Teledyne API M701 Opt 86E Zero Air System	1/10/2011	0	\$4,057.13	3423	Good
142176	Teledyne API M701 Opt 86E Zero Air System	1/11/2011	0	\$4,057.13	3424	Good
142178	Vaisala WXT520 Weather Transmitter	1/26/2011	0	\$2,370.00	G0350001	Good
142179	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350002	Good
142180	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350003	Good
142181	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350004	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
142182	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350005	Good
142183	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350006	Good
142184	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350007	Good
142185	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350008	Good
142186	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350009	Good
142187	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350010	Good
142188	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350011	Good
142189	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350012	Good
142190	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350013	Good
142191	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350014	Good
142192	Vaisala WXT520 Weather Transmitter	1/31/2011	0	\$2,370.00	G0350015	Good
142203	Teledyne API T703 O3 Primary Standard	2/4/2011	0	\$9,757.51	57	Good
142204	Teledyne API T703 O3 Primary Standard	2/4/2011	0	\$9,757.51	58	Good
142205	Teledyne API T703 O3 Primary Standard	2/4/2011	0	\$9,757.51	59	Good
142206	Teledyne API T703 O3 Primary Standard	2/4/2011	0	\$9,757.51	60	Good
142207	Teledyne API T703 O3 Primary Standard	2/4/2011	0	\$9,757.51	61	Good
142256	Thermo Environmental Instruments, Inc 2025B	3/23/2011	0	\$13,611.45	2025B227811103	Good
142257	Thermo Environmental Instruments, Inc 2025B	3/23/2011	0	\$13,611.45	2025B227251012	Good
142312	Teledyne API T100	5/2/2011	0	\$10,211.35	114	Good
BL605002	Wells Cargo Trailer Model EW2011	7/15/1993	18	\$9,500.00	1WC200J3P3025612	Good
BL605005	Wells Cargo Trailer Model EW2011	5/2/2000	11	\$10,188.00	1WC200J19Y3043548	Good
BL605006	Wells Cargo Trailer Model EW2011	5/1/2000	11	\$10,188.00	1WC200J17Y3043547	Good
BL605007	Wells Cargo Trailer Model EW2011	5/15/2000	11	\$10,188.00	1WC200J17Y3043550	Good
BL605008	Wells Cargo Trailer Model	7/10/2000	11	\$10,188.00	1WC200J10Y3043552	Good
BL605009	Wells Cargo Trailer Model	5/15/2000	11	\$10,188.00	1WC200J13Y3043445	Good
BL605010	Wells Cargo Trailer Model EW2011	5/2/2000	11	\$10,188.00	1WC200J19Y3043551	Good
BL605011	Wells Cargo Trailer Model	5/2/2000	11	\$10,188.00	1WC200J14Y3043554	Good
BL605012	Wells Cargo Trailer Model EW2011	4/17/2000	11	\$10,188.00	1WC200J10Y3043549	Good
BL605013	Wells Cargo Trailer Model EW2011	6/12/2000	11	\$10,188.00	NEED VIN #	Good
BL605014	Wells Cargo Trailer Model	6/26/2000	11	\$10,188.00		Good
BL605015	Wells Cargo Trailer Model EW2011	7/10/2000	11	\$10,188.00	1WC200J18Y3043556	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
BL605016	Wells Cargo Trailer Model	7/31/2000	11	\$10,188.00	4913	Good
BL605017	Wells Cargo Trailer Model EW2011	10/2/2000	11	\$10,188.00	1WC200J16Y3043555	Good
BL605018	Wells Cargo Trailer Model	9/20/2000	11	\$10,188.00	1WC200J15Y3043546	Good
BL605019	Wells Cargo Trailer Model	10/4/2000	11	\$9,094.00	1WC200J19S3043730	Good
BL605020	Wells Cargo Trailer Model EW2011	10/4/2000	11	\$9,094.00	1WC200E1XY3043732	Good
BL605022	EKTO Outdoor Shelter 432SP	5/25/2006	5	\$5,875.00	3695-7	Good
E001475	ESC 8832 Data Logger	5/16/2011	0	\$0.00	A3731K	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205669807	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205609807	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205699807	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205739807	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205329807	Good
EPA Supplied	Thermo Environmental Partisol 2025	7/1/1998	13	\$0.00	2025A203949806	Good
EPA Supplied	Met One Instruments SASS	1/1/2003	8	\$0.00	A2593	Good
EPA Supplied	BGI Incorporated	7/29/2009	2	\$0.00	620	Good
EPA Supplied	RADNET - HVP - 4004BRL - S	7/29/2009	2	\$0.00	18603	Good
EPA Supplied	Thermo Environmental Partisol 2025	7/1/1998	13	\$0.00	2025A202699805	Good
EPA Supplied	Thermo Environmental Partisol 2025	7/1/1998	13	\$0.00	2025A208369806	Good
EPA Supplied	Thermo Environmental Partisol 2025	7/1/1998	13	\$0.00	2025A202709805	Good
EPA Supplied	Thermo Environmental Partisol 2025	8/1/1998	13	\$0.00	2025A205379807	Good
EPA Supplied	Met One Instruments	1/1/2003	8	\$0.00	A2592	Good
EPA Supplied	Thermo Environmental Partisol 2025	9/1/1998	13	\$0.00	2025A205639807	Good
EPA Supplied	Thermo Environmental Partisol 2025	9/1/1998	13	\$0.00	2025A205759808	Good
EPA supplied	URG - 3000	7/29/2009	2	\$0.00	3N-B0724	Good
ER015197	Locally Made trailer	6/30/1980	31	\$2,000.00	T# DNR-2096	Good
ER020447	Aadco	12/5/1984	26	\$4,265.97	838	Good
ER022190	Portable Generator #4500	9/11/1985	26	\$1,187.95	1053765	Good
ER026442	Aluma Tower 10M Met Tower	10/16/1987	24	\$1,000.25	n/a	Good
ER027456	Hewlett Packard 6114A	12/5/1988	22	\$1,900.00	2650A05563	Good
ER031217	Wells Cargo Trailer Model	1/31/1992	19	\$8,991.03	1WC200J12N3022729	Good
ERO17411	Hastings Mass Flow Meter	5/31/1983	28	\$1,281.35	0-13344	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
ERO20029	Dasibi 1009			\$6,900.00	133	Good
ERO20181	LAB Cabinets	9/13/1984	27	\$1,005.33	n/a	Good
ERO20446	Aadco Zero Air Generator	12/5/1984	26	\$4,265.97	837	Good
ERO27859	Hewlett Packard	3/6/1989	22	\$810.00	2304A47503	Good
ERO27867	Sencore LC-77	12/15/1988	22	\$1,604.96	6037469-R15	Good
ERO28016	Dasibi 5009	5/1/1989	22	\$9,000.00	254	Good
ERO30020	Hewlett Packard 6114A	5/7/1991	20	\$2,250.00	3104AU6244	Good
ERO30043	Dasibi 5008	6/10/1991	20	\$11,725.00	62	Good
ERO30204	Thermo Environmental Instruments, Inc 49	9/3/1991	20	\$6,174.00	49-34655-248	Good
ERO30207	Thermo Environmental Instruments, Inc 49	9/24/1991	20	\$6,174.00	49-34938-249	Good
ERO30208	Thermo Environmental Instruments, Inc 49	9/14/1991	20	\$6,174.00	49-35020-249	Good
ERO31035	Aluma Tower 10M Met Tower T-135	11/21/1991	20	\$1,148.00	n/a	Good
ERO31406	AIR AIR-HB-1A	1/1/1992	19	\$700.00	2D2049	Good
ERO32932	Aadco	2/10/1993	18	\$4,911.94	2139	Good
ERO34125	Mettler Balance - Micro CAHN 25	10/31/1982	29	\$4,200.00	52	Good
Not Required	Omega Engineering Inc. 410A1B-TH-C	1/1/1987	24	\$0.00	5008254	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030017	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030013	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030001	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030012	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030022	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030003	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030008	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030021	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030011	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030023	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030006	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030025	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030019	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030024	Good
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030014	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
Not Required	Vaisala WSP150 Surge Suppressor	1/31/2011	0	\$268.00	F5030016	Good

Appendix B
Waivers for Lead Monitoring

Lead Waivers

The December 20, 2010 lead monitoring requirements were finalized in 40 CFR Part 58.10 (a)(4) which state, “A plan for establishing source-oriented Pb monitoring sites in accordance with the requirements of appendix D to this part for Pb sources emitting equal or greater than 0.50 tpy but less than 1.0 tpy shall be submitted to the EPA Regional Administrator no later than July 1, 2011.” Table B-1 lists the sources identified by EPA as fitting the monitoring criteria. Two of the sources will be monitored, the Daytona International Airport and the EnviroFocus Technologies facility in Tampa.

Table B-1 Lead Sources \geq 0.5 TPY

State	County	Site Name	Emissions (tpy)	Comments
FL	St. Johns	St Augustine	8.31	EPA Error
FL	Duval	IFF CHEMICAL HOLDINGS, INC.	1.69	Revised Emissions
FL	Citrus	FLORIDA POWER CORPORATION D/B/A PROGRESS	1.22	Waiver
FL	Duval	JEA	1.13	Waiver
FL	Volusia	Daytona Beach Intl	1.09	Currently Monitoring
FL	Miami-Dade	Kendall-Tamiami Executi	1.02	Removed by OTAQ
FL	Hillsborough	TAMPA ELECTRIC COMPANY	0.85	Waiver
FL	Palm Beach	SOLID WASTE AUTHORITY OF PBC	0.72	Waiver
FL	Hillsborough	ENVIROFOCUS TECHNOLOGIES. 1901 N 66TH ST, TAMPA, Florida 33619 (HILLSBOROUGH)	0.71	Currently Monitoring
FL	Putnam	SEMINOLE ELECTRIC COOPERATIVE, INC.	0.67	Waiver
FL	Escambia	GULF POWER COMPANY	0.52	Waiver
FL	Orange	STANTON ENERGY CENTER. 5100 S ALAFAYA TRAIL, ORLANDO, Florida 32831 (ORANGE)	0.5	Waiver

Two of the sources on original list have been removed by EPA; the St. Augustine facility was on the list in error and the Office of Transportation Air Quality recalculated the emissions for the Kentall-Tamiami Executive Airport on recent data and found it no longer met the 0.5 tpy criteria.

CFR 40 Appendix D in Part 58, 4.3 (c) (ii) additionally states, “The Regional Administrator may waive the requirements in paragraph 4.5(a) for monitoring near Pb sources if the State or, where appropriate, local agency can demonstrate the Pb source will not contribute to a maximum Pb concentration in ambient air in excess of 50 percent of the NAAQS (based on historical monitoring data, modeling or other means).” The power plants on the list were modeled using traditional modeling to estimate ambient air impacts. All of the power plants impacts were modeled to be less than 50% of the NAAQS, (0.075 mg/m³). The results of the modeling are in Table B-2, Maximum 3-Month Rolling Averages for Power Plants.

Table B-2, Maximum 3-Month Rolling Averages for Power Plants.

Maximum 3-Month Rolling Avg

	<i>Highest 3-Month Rolling Avg.</i>
0170004 - Crystal River	0.001
0570039 - TECO Big Bend	0.001
1070025 - Seminole Electric	< 0.001
0310045 - JEA	0.012
0990234 - PBC Waste	0.009
0950137 - Stanton Energy	0.003
0330045 - Gulf Power	0.001

The last facility to be addressed on the list is IFF Chemical in Jacksonville. The emissions for that facility have been recalculated. The department has determined that reported lead emissions at the IFF Chemical plant (ARMS ID 0310071) to the state’s Annual Operation Reports (AOR), and ultimately to the U.S. EPA’s National Emissions Inventory (NEI) have been incorrectly calculated for many years. This error derived from the incorrect use of the Pb emission factor for waste oil being applied to the process liquid waste used primarily in boiler No. 1, with a lesser amount used in boiler 2. This process-derived fuel is composed of turpentine, turpentine derivatives, and crude isobutenol. A chemical analysis of this fuel was completed and the lead content was indicated as less than 10 mg/kg.

The incorrect emissions determination used a waste oil emissions factor of 2.2 lbs Pb per 1000 gallons of liquid waste. In 2009, for example, boiler 1 burned 1,447,000 gallons of the process

derived fuel. Using the incorrect waste oil emissions factor results in an annual emission of 1.59 tons of Pb. This incorrect calculation has been used for many years.

The correct emission factor for this type of process derived fuel is <10 mg Pb/kg, based on fuel analysis. Using a fuel density of 7.59 lb/gal (obtained from company data), the Pb emissions from both boilers 1 and 2 are calculated as:

$$1,453,700 \text{ gal} \times 7.59 \text{ lb/gal} = 11,033,583 \text{ lbs}$$

$$11,033,583 \text{ lbs} \times 0.4536 \text{ kg/lb} = 5,004,833.25 \text{ kg}$$

$$\text{Pb at } 10 \text{ mg/kg} \Rightarrow 10 \text{ mg/kg} \times 5,004,833.25 \text{ kg} = 50,048,332.5 \text{ mg} = 50.5 \text{ kg} = 110.34 \text{ lbs} = 0.0552 \text{ tons}$$

Therefore, the correct amount of lead emissions from boilers 1 and 2 is less than 0.0552 tons in 2009. The numbers for other years are similar. The boiler 1 does burn some waste oil. In 2009, 174,500 gals were used resulting in Pb emissions of 0.192 tons. The total Pb emissions from the facility (all sources) is

$$0.0552 \text{ (boilers 1,2 process fuel)}$$

$$+0.192 \text{ (boiler 1, waste oil)}$$

$$+ 0.0001 \text{ (all other sources)}$$

$$) = 0.2473 \text{ tons.}$$

Other years are similar.