

Florida
Department of
Environmental Protection



Annual Network Monitoring Plan

May 2012

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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 lead monitor, for 1 tpy sources is required at the Daytona Beach airport. 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 SO ₂ Needed	SO ₂ 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 required in the 2011 plan, and 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 2012.

NO₂ Monitoring Required by 2010 NAAQS

CBSAs with Population over 500,000	Population (2010)	AADT \geq 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.

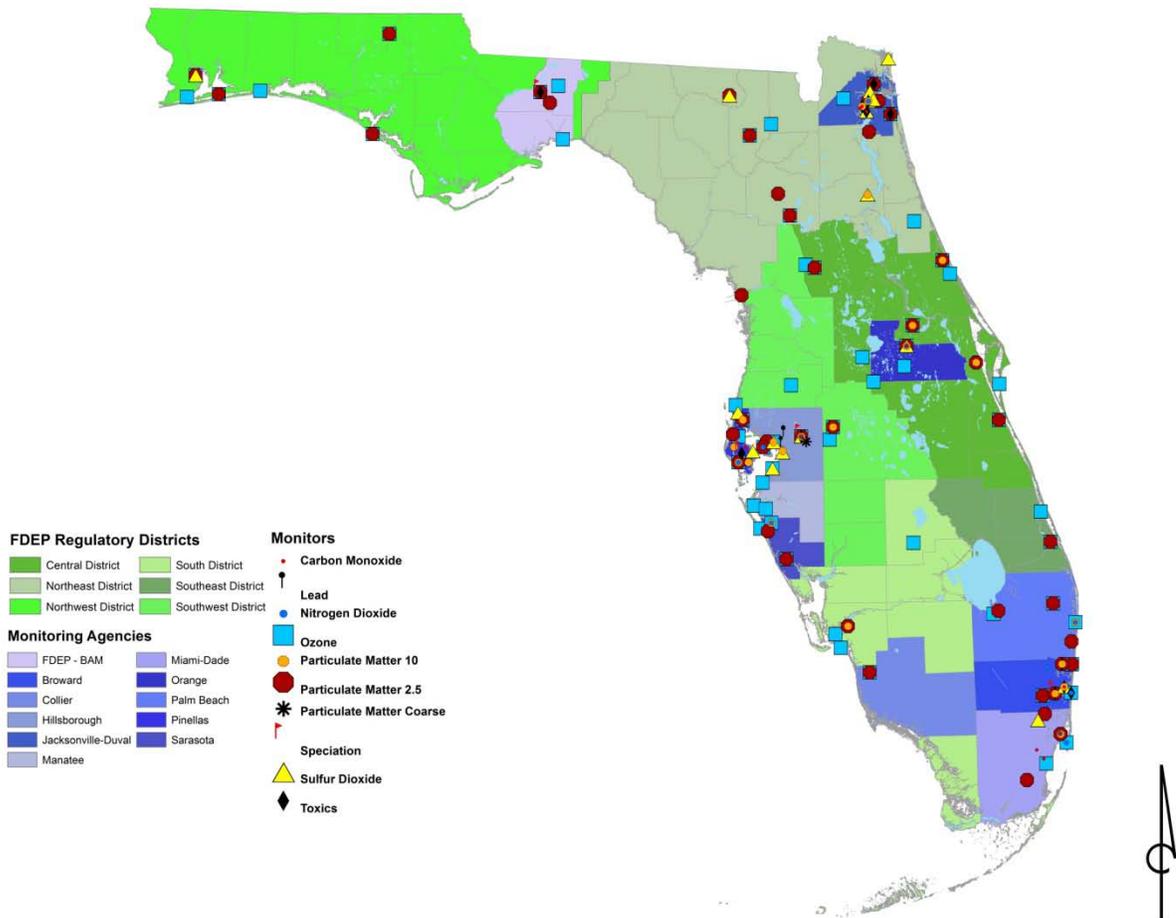
The Hillsborough County roadside NO₂ monitoring site is the only one in phase 1 of the phased implementation plan in Florida. It will be established adjacent to an elevated portion of I-75 when the funding is provided.

The City of Jacksonville will be introducing lead monitoring, though not required, near the largest lead emitter for the county. They also anticipate establishment of a roadside NO₂ site when the funding is provided.

In response to the new SO₂ monitoring rules, 3 new SO₂ monitors, (one in Manatee County, one in Citrus and one to go to the already established Winter Park site in Polk County), are planned. There will also be one roadside NO₂ site for the Lakeland MSA in Polk County when the funding is provided.

In last year's plan, it was mentioned that Florida was planning on adding new ozone sites in response to new areas needing monitors because they were expected to be above the 85% threshold of the lower ozone standard of 0.075 ppm. However, the monitoring in counties adjacent to those areas: Sebastian in Indian River County and Punta Gorda in Charlotte County now have design values below 85% of the standard and monitoring is not being pursued at this time.

Figure 2. Site Locations for Florida's Ambient Air Monitoring Network
2012 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 was posted on the FDEP website for the 37 days from May 23rd to June 29nd of 2012.

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 for the first of the sites on the phased implementation plan.

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 July 2011 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

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	1600 NW 19 AVENUE	SLAMS	SO2	TEI 43C	HI CONC	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 To close after roadside monitor opens
	17-2905.871N-570.365E								
011-0033	4001 SW 142nd Ave, Davie	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	Tisch	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 10/1/2012
	17-2885.161N-575.912E	PROP NCORE	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	PM10	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 10/1/2013
		PROP NCORE	SO2	TECO 43CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	CO	TECO 48CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	NOY	TECO NOY	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	Pb	R&P 2025	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	OZONE	TECO49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/1/2012
		PROP NCORE	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 10/1/2012
		CSN	PM2.5	MET ONE	POPULATION	NBH	1/6 DAY	TRENDS NETWORK	SU 10/1/2012
		CSN	CARBON	URG 3000N	POPULATION	NBH	1/3 DAY	TRENDS NETWORK	SU 10/1/2012
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 10/1/2012
011-0035	1-95 South /Sunrise Blvd	SLAMS	NO2	TEL-API	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SLAMS	CO	TECO48ITL	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SPM	BC	TAPI	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SPM	Ultra Fine	TSI	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SLAMS	PM2.5	TEI 1400 AB	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
011-1002	3205 SW 70TH AVE	PROP NCORE	PM10	WEDDING	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/1/92 U OFF AG RES Relocating to drive site
	17-2885.161N-575.912E	PROP NCORE	PM2.5	R&P 2025A	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/1/99 COLOCATED/6/99
		PROP 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	CARBON	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 4/00-4
	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
086-0031	16000 S DIXIE HWY	SLAMS	CO	API 300E	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 5/1/85 MET
086-0033	7700 NW 186th ST 17-2869.23-567.45	SLAMS	PM 2.5	R&P 2025B	POPULATION	NBH	1/3 DAY	TRENDS MONITORING	SU 7/1/91 SLAMS 4/27/92
086-0034	SW 127 Avenue 17-2730.23-560.70	SLAMS	CO	TEI 48C	POPULATION	MIDDLE	CONTINUOUS	MONITORING GROWTH	5/4/2005
086-1016	NW 20TH ST FIRE STA 17-2852.959N-579.582E	SLAMS	PM10	ANDERSEN 120	HI CONC	MIDDLE	1/6 DAY	TRENDS MONITORING	SU 7/1/91 SLAMS 4/27/92
		SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 2/4/99 DAILY CO-LOCATED
		SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	AIRNOW POLLING 7/15/03
086-4002	864 NW 23RD ST (ANNEX) 17-2853.408N-579.163E	SLAMS	NO2	TEI 42I	HI CONC	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 1/1/1984
		SLAMS	CO	API 300E	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/76 NAMS 9/27/92
086-6001	1325 NW 2ND AVE 17-2817.102N-551.949E	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 17-2951.800N-532.450E	SPM	PM2.5	BAM 1020	SOURCE	NBH	CONTINUOUS	USED FOR AQI	SU 5/1/09
099-0009	960 CRESTWOOD BLVD N 17-2956.846N-576.194E	SLAMS	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 3/1/00
		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 17-2941.34N-593.52E	SLAMS	OZONE	TEI 49I	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	A.G. HOLLEY SU 8/11/04 LANTANA
		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 17-2926.170N-590.023E	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 5/31/01
099-0021	20800 SR 80 17-2951.281N-561.220E	SPM	NO2	TEI 42I	SOURCE	MIDDLE	CONTINUOUS	COMPLIANCE	20 Mile Bend

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

	Current		Proposed			Current		Proposed	
Total Number of Sites		21		21					
Number of Criteria Pollutant Monitors					PM2.5 Breakout				
Lead	0	1	1		Daily FRMs	5	5		
Carbon Monoxide	4	6	2		1/3 FRMs	3	3		
Ozone	7	8	3		Continuous	6	6		
Nitrogen Dioxide	5	6	2		Collocated	3	3		
Total Nitrogen (Noy)	0	1	1						
PM2.5 Speciation	1	1	1		Number of Non-Criteria Pollutant Monitors				
Sulfur Dioxide	2	3	2			Current	Proposed		
PM10	5	6	3		Toxics	3	3		
PM 2.5	16	16	9		Ultrafine	0	1		
Total	40	48	24		BC	0	1		

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 43C	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 VOL	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 4/2/10 KENLY ELEMENTARY
057-0109	19851 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 8/1/88 MET MARINE RESERVE
		SLAMS	NO2	TEI 42C	HI CONC	NBH	CONTINUOUS	HISTORIC TREND	SU 2/1/90 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 2004	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 1/2/90 GULF COAST LEAD COLLOCATED
057-1073	16811 E 14th STREET 17-3093.930N-364.310E	SPM	LEAD	HI VOL	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 10/31/97 PATENT SCAFFOLDING
057-3002	SYDNEY ROAD 17-3093.63N-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	DAILY	NEEDED BY REGULATION	SU 1/4/04 Collocated FOR PMCOARSE
		NCORE	PMcoarse	R&P 2025	POPULATION	URBAN	DAILY	NEEDED BY REGULATION	SU 01/2/1010
		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
		NCORE	Pb	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 1/2/004
		NATTS	TOXICS		POPULATION	URBAN	1/6 DAY	BASELINE MONITORING	VOC CARBONYL/METAL MONITORING
	ROADSIDE NO2 SITE	SLAMS	NO2	TEI 49C	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SLAMS	CO	TEC048ITL	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SPM	BC	74C7	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SPM	Ultra Fine	TSJ	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012
		SLAMS	PM2.5	TEI 1400 AB	SOURCE	MICRO	CONTINUOUS	NEEDED BY REGULATION	SU DECEMBER 2012

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 49I	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 4/6/78 AZALEA PARK MET
		SLAMS	NO2	TEI 42I	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-LOCATED 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	Magese 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	PM2.5	URG 3000N					SVOC/CR-06 VOC/SVOC/Carbonyl/PAHs/Metal/Cr+6 monitoring
		NATTS	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE 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 1400AB	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	23			
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	
Lead	3	3	2	Daily FRMs	2
Carbon Monoxide	2	3	1	1/3 FRMs	1
Ozone	9	9	2	Continuous	5
Nitrogen Dioxide	2	3	1	Collocated	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	39	41	14		

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
095-0008	7005 WINEGARD RD 17-3147.400N-4623660E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/88
095-2002	MORSE BLVD & DENNING 17-3163.490N-464.515E	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/76 WINTER PARK
		SLAMS	CO	TEI 48C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 3/23/78 MET
		SLAMS	NO2	TEI 42I	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/81
		SLAMS	SO2	TEI 43C	HI CONC	NBH	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/76
		SLAMS	PM10	ANDERSEN 1200	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 5/1/91 SLAMS 5/4/91 COLLOCATED
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 01/01/99 DAILY COLLOCATED
		SPM	PM2.5	R&P 1400ab	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 06/01/00
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL MONITORING
	<i>ADJACENT TO I-4</i>	<i>SLAMS</i>	<i>NO2</i>	<i>TEI 42I</i>	<i>SOURCE</i>	<i>MIDDLE</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>PENDING EPA FUNDING</i>
		<i>SLAMS</i>	<i>CO</i>	<i>TEI 48C</i>	<i>SOURCE</i>	<i>MIDDLE</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>PENDING EPA FUNDING</i>
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
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		Proposed		Required	PM2.5 Breakout	Current		Proposed	
	5		6							
Number of Criteria Pollutant Monitors										
Lead	0		0		0	Daily FRMs	1		1	
Carbon Monoxide	1		2		2	1/3 FRMs	1		1	
Ozone	5		5		2	Continuous	1		1	
Nitrogen Dioxide	1		2		2	Collocated	2		2	
Sulfur Dioxide	1		1		1					
PM10	2		2		2					
PM 2.5	3		3		3					
Total	13		15		12					

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	SPM	OZONE	TEI 49C	BACKGROUND	URBAN	CONTINUOUS	REGIONAL BACKGROUND	SU 01/01/96 OLUSTEE MET
031-0032	17-3341.350N-380.900E	SLAMS	SO2	TEI 43C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/74
	12900 BENNETT/KOOKER PK	SLAMS	NO2	TEI 42C	HI CONC	NBH	CONTINUOUS	USED TO ASSIST IN FORECAST	SU 1/6/75
	17-3358.243N-438.923E	SPM	PM25	R&P 2025	POPULATION	NBH	DAILY	COMMUNITY RESPONSE	SU 07/16/09
		SLAMS	PM10	R&P 1400A	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 2/1/08
031-0077	13333 LANIER RD	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/79 SHEFFIELD SCHOOL
	17-3371.662N-443.615E	SPM	PM2.5	R&P 1400A	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 9/1/08
031-0080	1605 MINERVA ST	SLAMS	SO2	TEI 43i	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 1/1/79 SOUTHSIDE PLAYGROUND
	17-3350.000N-437.260E	SLAMS	CO	TEI 48C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 10/18/79
031-0081	16801 CEDAR BAY RD	SLAMS	SO2	TEI 43i	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 1/1/78
031-0084	ROSSELL/COPELAND	SLAMS	PM10	R&P 1400A	HI CONC	MIDDLE	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/87 COLLOCATED SD 9/29/02 CONVERT TO CONTINUOUS 2/11/08
	17-3352.640N-432.188E	SLAMS	CO	TEI 48C	HI CONC	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 1/1/80SLAMS 1/1/81
031-0097	16241 FORT CAROLINA RD	SLAMS	SO2	TEI 43C	POPULATION	DPULATIC	CONTINUOUS	TRENDS MONITORING	SU 9/7/91 NAMS 1/1/92
031-0098	14932 MANDARIN ROAD	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 06/01/99 DAILY
	17-3333.810N-438.920E	SPM	PM2.5	R&P 1400AB	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/1/2004
031-0099	9429 MERRILL ROAD	SLAMS	PM2.5	R&P 2025B	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 06/01/99 DAILY CO-LOCATED
	17-3358.150N-447.340E								SUNNY ACRES
031-0100	13600 Wm. DAVIS PARKWAY	SLAMS	OZONE	TEI 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/02
	17-3347.598N-456.366E	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
031-0107	1216 DAY AVE	SPM	CO	TEI 48C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 5/3/2012
	<i>ROADSIDE NO2</i>	<i>SLAMS</i>	<i>NO2</i>	<i>TEI 42i</i>	<i>SOURCE</i>	<i>MIDDLE</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>PENDING EPA FUNDING</i>
		<i>SLAMS</i>	<i>CO</i>	<i>TEI 48i</i>	<i>SOURCE</i>	<i>MIDDLE</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	<i>PENDING EPA FUNDING</i>
<i>New site</i>	<i>Yellow Water Road</i>	<i>SPM</i>	<i>Lead</i>	<i>R&P 2025</i>	<i>POPULATION</i>	<i>NBH</i>	<i>1/8 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>	<i>EX</i>

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

	Current	Proposed		Current	Proposed
Total Number of Sites	13	15			
Number of Criteria Pollutant Monitors			PM2.5 Breakout		
	Current	Proposed	Required	Current	Proposed
Lead	0	1	0	Daily FRMs	3
Carbon Monoxide	3	4	1	1/3 FRMs	0
Ozone	4	4	2	Continuous	3
Nitrogen Dioxide	1	2	2	Collocated	1
Sulfur Dioxide	4	4	1		
PM10	2	2	2		
PM 2.5	6	7	3		
Total	20	24	11		

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	2B 202	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 4/1/92 SLAMS 12/98 MET
081-4012	15502 33RD AVE W 17-3040.540N-340.060E	SPM	OZONE	2B 202	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/99 SLAMS 12/98 GT BRAY MET
081-4013	15511 39TH STREET EAST 17-3036.950N-349.570E	SPM	OZONE	2B 202	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/99 MET SLAMS 12/98
<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
115-1005	LIDO PARK MCKINLEY DR 17-3021.250N-344.600E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 01/06/99 1/3 CO-LOCATED
115-1006	4570 17TH STREET 17-3025.910N-353.620E	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 9/5/89 NAMS 1/00 MET
		SLAMS	OZONE	TEI 49I	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 10/1/99 NAMS 1/00 PAW PARK MET
		SPM	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	SPM	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)

Total Number of Sites	Current		Proposed	
	7		8	
Number of Criteria Pollutant Monitors	Current	Proposed	Required	
Lead	0	0	0	
Carbon Monoxide	0	0	0	
Ozone	6	6	2	
Nitrogen Dioxide	1	1	0	
PM2.5 Speciation	0	0	0	
Sulfur Dioxide	0	1	1	
PM10	1	1	1	
PM 2.5	3	3	3	
Total	11	12	7	

PM2.5 Breakout

	Current	Proposed
Daily FRMs	0	0
1/3 FRMs	1	1
Continuous	2	2
Collocated	1	1

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	1ST 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		
	Current	Proposed	Required	Current	Proposed	Required
	1	1	1	1	1	1

Number of Criteria Pollutant Monitors	Current			Proposed			PM2.5 Breakout
	Current	Proposed	Required	Current	Proposed	Required	
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	

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: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)									
033-0004	HELLYSON 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
033-0018	PENSACOLA NAS	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	USED FOR AQI	SU 01/01/99 1/3 COLLOCATED
	16-3359.419N-473.975E	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/21/80 MET
113-0015	1500 WOODLAWN WAY, GUL	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		
	Current	Proposed	Required	Current	Proposed	Required
	3	3	2	3	3	2

Number of Criteria Pollutant Monitors	Current			Proposed			PM2.5 Breakout
	Current	Proposed	Required	Current	Proposed	Required	
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				

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: FORT WALTON BEACH - CRESTVIEW - DESTIN (OKALOOSA COUNTY)									
091-0002	720 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

AGENCY - FDEP NORTHWEST FLORIDA DISTRICT (001)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
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
Ozone	1	1	0	Continuous
PM 2.5	1	1	0	
Total	2	2	0	

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

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>NO_y</i>					<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA</i>
		<i>NCORE</i>	<i>CO₂ 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>PM_{2.5}</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>PM_{2.5}</i>				<i>CONTINUOUS</i>	<i>RURUAL N-CORE</i>	<i>TO BE PROVIDED BY EPA WITH IMPROVE FOR SPECIATION</i>

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

Total Number of Sites	Current	Proposed		
	4	4		
			PM2.5 Breakout	
			1/3 FRMs	Current: 1, Proposed: 1
			Continuous	2, 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	15400 NW 43RD ST	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	TRENDS MONITORING	SU 01/01/99 CO LOCATED
	117-3286.550N-365.400E								
001-3011	1100 SAVANNAH BLVD	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 8/1/97; SLAMS 7/1/98
	117-3269.080N-374.33 E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	AQI	MET PAYNES PRAIRIE

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

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

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)									
001-3011	1206 SAWGRASS RD	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	FLAGLER CO REC AREA, BUNNELL

Summary of Sites/Monitors for Palm Coast MSA (Flagler 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			
PM 2.5	0	0	0			
Total	0	1	1			

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
	117-3339.470N-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
	117-3284.278N-437.598E	SLAMS	PM10	TEOM	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 8/28/02; TEOM 12/13/02

Outside - MSA Network Description

	Current			Proposed		
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	1401 FLORIDA AVENUE	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 3/1/00 MELBOURNE MET
	17-3103.060N-536.510E	SLAMS	PM2.5	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
		SLAMS	PM10	TEOM	SOURCE	URBAN	CONTINUOUS	NEEDED BY REGULATION	FAY PARK SU 11/1/08
009-4001	1400 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				
	2	3				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Ozone	2	2	2			
Nitrogen Dioxide	0	0	0	1/3 FRMs	1	1
Sulfur Dioxide	0	1	0	Continuous	1	2
PM10	0	1	0	Collocated	0	0
PM 2.5	2	3	0			
Total	4	7	2			

MSA Network Description

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: OCALA (MARION COUNTY)									
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				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Ozone	2	2	1	1/3 FRMs	0	0
Nitrogen Dioxide	0	0	0	Continuous	1	1
Sulfur Dioxide	0	0	0	Collocated	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

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: DELTONA-DAYTONA BEACH-ORMOND BEACH (VOLUSIA COUNTY)									
127-2001	5200 SPRUCE ST	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/92 PORT ORANGE MET
	17-3219.869N-500.591E								NAMS 1/1/92
127-5002	1185-A DUNN AVE	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/92 DAYTONA MET NAMS 8/27/92
	17-3230.711N-494.831E	SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 6/26/88
		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>MCRO</i>	<i>1/6 DAY</i>	<i>NEEDED BY REGULATION</i>	<i>EXPECTED LATE SUMMER 2012</i>

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

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

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)									
105-6005	SIKES ELEMENTARY SCHOOL	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	PWEL 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
	2	2
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	1	1
PM10	1	1	1
PM2.5	2	2	1
Total	5	6	4

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>PWEL 14,903</i>

Outside - MSA Network Description

	Current	Proposed	Required
Ozone	0	0	0
Sulfur Dioxide	0	0	0
PM10	0	0	0
PM 2.5	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	SPM	OZONE	TECO 49C	BACKGRND	REGIONAL	CONTINUOUS	REGIONAL BACKGROUND	SU 06/14/01
	117-3007.230N-466.270E								

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

	Current	Proposed	Required
Total Number of Sites	1	1	
Number of Criteria Pollutant Monitors			
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

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: 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
	117-2942.575N-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	H CONC	URBAN	CONTINUOUS	USED FOR MAPPING	SU 5/7/01 CAPE CORAL
	117-2936.507N-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
	117-2925.550N-406.330E								BAY OAKS PARKS

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

	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Total Number of Sites	3	3				
Number of Criteria Pollutant Monitors						
Ozone	2	2	2	1/3 FRMs	1	1
Nitrogen Dioxide	0	0	0	Continuous	1	1
Sulfur Dioxide	0	0	0	Collocated	1	1
PM10	1	1	1			
PM2.5	2	2	1			
Total	5	5	4			

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
	117-3029.719N-568.120E								

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

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

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	1ST 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	NO2 Needed in 2012	Roadside CO Needed
Metropolitan statistical areas				msa: 2		msa	3		msa: 2	1		2	149,752	1	
Miami-Fort Lauderdale-Pompano Beach	5,413,212														
Broward County	1,748,066	6.7	14	2	1	60	1	< 120	1					1	1
Miami-Dade County	2,496,435	7.5	14	2	1	65	1	< 120	1					1	
Palm Beach County	1,320,134	6.3	14	2	1	63	1	< 120	1						
Tampa-St. Petersburg-Clearwater	2,783,243	7.8	17	2	1	73	2	< 120	2	1	2	2	136,666	3	1
Hernando	172,778			0											
Hillsborough	1,229,226	7.8	17	2	1	73	2	< 120	1						
Pasco	464,697			0		67	1								
Pinellas	916,542	7.7	16	1	1	66	2	< 120	2						
Orlando-Kissimmee-Sanford	2,134,411	7.3	16	2	1	71	2	< 120	2			1	14,940	2	1
Jacksonville	1,345,596	8.6	22	2	1	67	2	< 120	2			1	31,501	2	1
North Port-Bradenton-Sarasota	702,281	6.8	15	1	1	72	2	< 120	1			1	6,269	1	
Lakeland	602,095	7.5	15	1	1	68	2	< 120	1			1	13,618	1	
Palm Bay-Melbourne-Titusville	543,376	6.6	15	1	1	64	2	< 120	1					1	
Cape Coral-Fort Myers	618,754	6.9	13	1	1	63	2	< 120	1					1	
Deltona-Daytona Beach-Ormond Beach	494,593	7.2	18	0		63	1	< 120	0		1				
Pensacola-Ferry Pass-Brent	448,991	9.0	20	0		73	2	< 120	0			1	17,242		
Port St. Lucie-Fort Pierce	424,107	8.0*	17	0		62	1	< 120	0						
Tallahassee	367,413	9.7	23	0		63	2	< 120	0						
Naples-Marco Island	321,520	8.6*	18*	0		60	0	< 120	0						
Ocala	331,298	9.3*	19*	0		64	1	< 120	0						
Gainesville	264,275	7.7	20	0		63	1	< 120	0						
Crestview-Fort Walton Beach-Destin	180,822	<12	<29	0		67	1	< 120	0						
Panama City-Lynn Haven	168,852	9.5*	21*	0		69	1	< 120	0						
Punta Gorda (Charlotte Co)	159,978	<12	<29	0		~63	0	< 120	0						
Sebastian - Vero Beach	138,028	<12	<29	0		~62	0	< 120	0						
Palm Coast (Flagler Co)	95,696	<12	<29	0		~63	0	< 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	Lead Needed	PEWI SO2 Needed	PWEI 2008 NEI
Micropolitan Statistical Areas													
Homosassa Springs (Citrus Co)	141,236	7.3	16	0		>63.75	0					1	12,024
Sebring (Highlands Co)	98,786			0		64	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: 5/16/2012

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
93877	Bios DC2	1/10/2011	1	\$0.00	B403	Good
100359	Thermo Environmental Instruments, Inc 146C	12/18/1997	14	\$9,272.10	146C-60152-326	Good
100361	Thermo Environmental Instruments, Inc 146C	12/18/1997	14	\$9,272.10	146C-60276-326	Good
101913	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-61989-333	Good
101914	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-61990-333	Good
101915	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62032-333	Good
101916	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62057-333	Good
101917	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62058-333	Good
101919	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62060-333	Good
101920	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62064-333	Good
101921	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62075-333	Good
101922	Thermo Environmental Instruments, Inc 49C	11/6/1998	14	\$7,829.00	49C-62076-333	Good
101923	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61885-333	Good
101924	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61894-333	Good
101925	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61904-333	Good
101926	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61905-333	Good
101927	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61941-333	Good
101928	Thermo Environmental Instruments, Inc 49CPS	11/4/1998	14	\$6,152.00	49CPS-61958-333	Good
101929	Thermo Environmental Instruments, Inc 49CPS	11/6/1998	14	\$6,152.00	49CPS-61960-333	Good
101930	Thermo Environmental Instruments, Inc 49CPS	11/4/1998	14	\$6,152.00	49CPS-61961-333	Good
101931	Thermo Environmental Instruments, Inc 49CPS	11/4/1998	14	\$6,152.00	49CPS-61976-333	Good
101932	Thermo Environmental Instruments, Inc 49CPS	11/4/1998	14	\$6,152.00	49CPS-61992-333	Good
103172	Thermo Environmental Instruments, Inc 43C	4/14/1999	13	\$8,406.00	43C-63409-339	Good
103173	Thermo Environmental Instruments, Inc 43C	4/14/1999	13	\$8,406.00	43C-63427-339	Good
105200	Chinook Engineering FTS	12/14/1999	12	\$1,095.00	57-004506-00001	Good
105654	R&P Partisol 2025	5/24/1999	13	\$11,981.80	2025A210659904	Good
105655	R&P Partisol 2025	5/24/1999	13	\$11,981.80	2025A210639904	Good
105656	R&P 2025A	5/24/1999	13	\$11,981.80	2025A210679904	Good
105740	Envionics 6103	10/31/2002	10	\$11,310.30	2910	Good
105948	Sony Mavica	11/10/1999	13	\$903.95	123035	Good
106222	Thermo Environmental Instruments, Inc 42C	12/14/1999	12	\$8,489.00	3860-636	Good
106579	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1711	Good
106580	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1705	Good
106582	Met One Instruments 50.5	3/21/2000	12	\$1,453.50	Y1707	Poor
106583	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1712	Good
106584	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1713	Good
106585	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1717	Good
106586	Met One Instruments 50.5	3/21/2000	12	\$1,350.00	Y1696	Good
106605	Bios DC-2M	7/31/2002	10	\$3,147.25	B 1241	Good
106606	Bios DC-2	8/21/2002	10	\$3,147.25	B 1242	Good
106667	R&P Partisol 2025	1/13/2000	12	\$11,124.34	2025A211439907	Good

106668	R&P Partisol 2025	1/13/2000	12	\$11,124.34	2025A21191	Good
106669	R&P Partisol 2025	1/13/2000	12	\$11,124.34	2025A211289906	Good
106670	R&P 1400AB	1/13/2000	12	\$11,124.34	140AB227839911	Good
106671	R&P 1400AB	1/13/2000	12	\$11,124.34	140AB227829911	Good
106672	R&P 1400AB	1/13/2000	12	\$18,961.69	140AB227819911	Good
106673	R&P 1400AB	1/13/2000	12	\$18,961.69	140AB227849911	Good
106674	R&P 1400AB	1/13/2000	12	\$18,961.69	140AB227859911	Good
106675	R&P Partisol 2025	1/13/2000	12	\$18,961.67	2025A21159	Good
106677	Thermo Environmental Instruments, Inc 43C	2/3/2000	12	\$9,400.00	43C-65580-348	Good
106678	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65467-348	Good
106679	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65462-348	Good
106680	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65468-348	Good
106681	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65460-348	Good
106683	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65469-348	Good
106684	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65461-348	Good
106685	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65465-348	Good
106686	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-67727-358	Good
106687	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65466-348	Good
106688	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65464-348	Good
106689	Thermo Environmental Instruments, Inc 49C	3/17/2000	12	\$7,060.00	49C-65463-348	Good
106690	Thermo Environmental Instruments, Inc 43C	3/17/2000	12	\$9,400.00	43C-65990-351	Poor
106691	Thermo Environmental Instruments, Inc 43C	3/17/2000	12	\$9,400.00	43C-65390-351	Good
106692	Thermo Environmental Instruments, Inc 49CPS	3/21/2000	12	\$8,750.00	49CPS-65568-349	Good
106693	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65501-348	Good
106694	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65000-345	Good
106695	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65502-348	Good
106696	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65576-349	Good
106698	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65573-349	Good
106699	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65504-348	Good
106700	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-65572-349	Good
106702	Thermo Environmental Instruments, Inc 42CTL	3/17/2000	12	\$8,805.00	42CTL-65956-350	Good
106704	Thermo Environmental Instruments, Inc 146C	3/17/2000	12	\$8,805.00	146C-65054-348	Good
106705	Thermo Environmental Instruments, Inc 146C	3/17/2000	12	\$8,805.00	146C-63658-348	Good
106708	Thermo Environmental Instruments, Inc 146C	3/17/2000	12	\$8,805.00	146C-65053-348	Good
106709	Thermo Environmental Instruments, Inc 146C	3/17/2000	12	\$8,805.00	146C-65543-348	Good
106711	Thermo Environmental Instruments, Inc 49CPS	3/17/2000	12	\$8,750.00	49CPS-64682-344	Good
106712	Thermo Environmental Instruments, Inc 42C	3/17/2000	12	\$10,300.00	42C-65499-348	Good
106801	Bios DC-2	1/10/2000	12	\$3,261.00	B936	Good
107234	Opsis AR-500	5/8/2000	12	\$163,950.00	AR500-E-665	Good
107471	Chinook Engineering Streamline FTS	6/1/2000	12	\$1,120.00	991101	Good
107592	Soltec SA-101PA	7/10/2000	12	\$1,011.00	OE21692G	Good
108018	Hastings	10/7/2002	10	\$3,125.00	1392900001	Good
108019	Hastings	10/7/2002	10	\$3,125.00	1392900002	Good
108020	Hastings	10/7/2002	10	\$3,125.00	1392900003	Good
108180	Dasibi 5008	8/29/2000	12	\$12,580.00	873	Good
108298	Opsis 500	8/1/2000	12	\$19,150.00	OC500-1-029	Good
108299	Aadco	7/10/2000	12	\$5,799.89	2673	Good
108720	Thermo Environmental Instruments, Inc 49CPS	10/19/2000	12	\$7,875.00	49CPS-67727-358	Good
108760	Dasibi 5008	10/9/2000	12	\$13,388.75	860	Good

108830	R&P Partisol 2025	9/26/2000	12	\$10,890.00	2025B213080007	Good
108849	Aadco	9/6/2000	12	\$5,988.00	2682	Good
108916-109177	BGI Incorporated TriCal	12/12/2002	9	\$2,028.00	65	Good
108995	BGI Incorporated TriCal	12/11/2002	9	\$2,028.00	66	Good
108997	BGI Incorporated TriCal	12/11/2002	9	\$2,028.00	67	Good
109126	BGI Incorporated TriCal	12/11/2002	9	\$2,028.00	68	Good
109177	BGI Incorporated TriCal	12/11/2002	9	\$2,028.00	69	Good
109194	Tektronix TDS3032	1/30/2001	11	\$3,821.41	B020425	Good
109195	Dasibi 5008	3/5/2001	11	\$13,388.75	910	Good
109196	Aadco	1/24/2001	11	\$5,755.00	2703	Good
109218	R&P 1400AB	3/20/2001	11	\$16,975.00	140AB234100012	Good
109219	R&P 1400AB	3/20/2001	11	\$16,975.00	140AB233270011	Good
109220	R&P 1400AB	3/20/2001	11	\$16,975.00	140AB233280011	Good
109221	R&P 1400AB	3/21/2001	11	\$16,975.00	140AB234130012	Good
109222	R&P 1400AB	3/2/2001	11	\$16,975.00	140AB233290011	Good
109620	EnviroNics Portable Mass Flow System	5/4/2001	11	\$7,495.00	FEPA001	Good
109621	EnviroNics Portable Mass Flow System	5/4/2001	11	\$7,495.00	FEPA002	Good
109622	EnviroNics Portable Mass Flow System	5/4/2001	11	\$7,495.00	FEPA003	Good
109727	EKTO	3/20/2001	11	\$4,795.00	3200-13A	Good
109728	EKTO	3/20/2001	11	\$4,795.00	3224-15	Good
110268	Total Control Products, Inc QM1104ROA	4/13/2001	11	\$2,698.26	5221412	Good
110927	Thermo Environmental Instruments, Inc 49CPS	6/28/2001	11	\$6,354.00	49CPS-70575-366	Poor
110928	Thermo Environmental Instruments, Inc 49C	6/28/2001	11	\$7,875.00	49C-70531-366	Good
110945	R&P 1400AB	5/8/2001	11	\$16,975.00	140AB235500103	Good
110946	R&P 1400AB	5/8/2001	11	\$16,975.00	140AB235430103	Good
111216	Met One Instruments 50.5	10/15/2001	11	\$1,350.00	A5872	Good
111217	Met One Instruments 50.5	10/15/2001	11	\$1,350.00	A5871	Good
111218	Met One Instruments 50.5	10/15/2001	11	\$1,350.00	A5875	Good
111220	Met One Instruments 50.5	10/15/2001	11	\$1,350.00	A5876	Good
111221	Met One Instruments 50.5	10/15/2001	11	\$1,515.06	A5873	Good
111365	Fisher Scientific	10/9/2001	11	\$1,198.13	108N0198	Good
111464	Weller WRS-3000	11/13/2001	11	\$1,494.00	n/a	Good
111465	Weller WRS-3000	11/13/2001	11	\$1,494.00	n/a	Good
111485	EKTO 432SP	11/13/2001	11	\$4,795.00	3424-5	Good
111486	R&P 1400A	12/1/2001	10	\$16,995.00	140AB238010110	Good
111487	R&P 1400AB	11/13/2001	11	\$16,995.00	140AB238020110	Good
111488	EKTO	11/13/2001	11	\$4,985.00	3299-5	Good
111524	Dasibi 5008	11/15/2001	11	\$12,580.00	939	Good
112109	R&P 1400AB	2/7/2002	10	\$17,460.00	140AB239110201	Good
113711	Hastings	6/19/2002	10	\$3,294.85	1244400001	Good
113812	R&P ACCU	9/5/2002	10	\$4,542.00	ACCUB305180101	Good
113829	Hastings Mass Flow Controller	7/26/2002	10	\$1,629.00	AW02313002	Good
113830	Hastings Mass Flow Controller	7/26/2002	10	\$1,629.00	AW02313003	Good
113831	Hastings Mass Flow Controller	9/10/2002	10	\$1,629.00	AW02313004	Good
113832	Hastings Mass Flow Controller	9/10/2002	10	\$1,629.00	AW02313001	Good
114161	R&P 1400A	12/25/2002	9	\$16,995.00	140AB242620208	Good
114162	R&P 1400A	12/25/2003	8	\$16,995.00	140AB242930209	Good
114230	Adam 5000E	12/2/2002	9	\$1,852.03	1AA0459379	Good
114231	Adam 5000E	12/13/2002	9	\$1,851.59	1AA0382773	Good

114693	Met One Instruments 50.5	1/16/2003	9	\$1,782.50	B5765	Good
114696	Met One Instruments 083D-1-35	1/16/2003	9	\$1,142.50	B5989	Good
114706	EnviroNics 6103	2/19/2003	9	\$11,310.30	3046	Good
114707	EnviroNics 6103	2/19/2003	9	\$11,310.30	3062	Good
115507	R&P 1400AB	5/13/2003	9	\$17,460.00	140AB245470304	Good
115508	R&P 1400A	5/13/2003	9	\$17,460.00	140AB245490304	Good
115569	R&P ACCU	3/12/2003	9	\$4,690.00	ACCUB305790211	Good
115570	R&P 1400AB	3/12/2003	9	\$16,995.00	140ab244590302	Good
115571	R&P ACCU	3/12/2003	9	\$4,690.00	ACCUB305800211	Good
115792	Thermo Environmental Instruments, Inc 49C	6/10/2003	9	\$5,720.80	49C-78831-389	Good
115793	Thermo Environmental Instruments, Inc 49CPS	6/10/2003	9	\$8,127.00	49CPS-78832-389	Good
115794	Thermo Environmental Instruments, Inc 49CPS	6/10/2003	9	\$8,127.00	49CPS-78833-389	Good
116105	Hastings	4/21/2003	9	\$1,310.00	16156	Good
116106	Hastings	4/21/2003	9	\$1,310.00	16157	Good
117061	Adam 5000E	5/27/2003	9	\$1,652.75	1154	Good
117062	Adam 5000E	5/27/2003	9	\$1,652.75	1155	Good
117063	Adam 5000E	5/27/2003	9	\$1,652.75	1156	Good
117238	EnviroNics	6/5/2003	9	\$1,310.00	16527	Good
117239	EnviroNics	6/5/2003	9	\$1,310.00	16528	Good
117393	Calibration Bath	6/10/2003	9	\$9,972.90	803050081	Good
117858	Foil Kit	7/17/2003	9	\$1,185.00	613	Good
117859	Foil Kit	7/17/2003	9	\$1,185.00	614	Good
117860	Foil Kit	7/17/2003	9	\$1,185.00	631	Good
117862	Foil Kit	6/25/2003	9	\$1,185.00	AT03243003	Good
117863	MASS FLOW CONTROLLER	4/9/2003	9	\$1,592.96	AT03133039	Good
118079	Bios ML 800	10/10/2003	9	\$33,075.00	n/a	Good
119262	ESC 8832	8/12/2004	8	\$6,270.00	A0451	Good
119263	ESC 8832	2/24/2004	8	\$6,270.00	A0457	Good
119264	ESC 8832	8/12/2004	8	\$6,270.00	A0458	Good
119265	ESC 8832	2/20/2004	8	\$7,220.00	A0463	Good
119266	ESC 8832	2/20/2004	8	\$7,220.00	A0464	Good
119267	ESC 8832	8/12/2004	8	\$6,270.00	A0465	Good
119268	ESC 8832	2/24/2004	8	\$6,270.00	A0466	Good
119269	ESC 8832	8/12/2004	8	\$6,270.00	A0467	Good
119270	ESC 8832	2/24/2004	8	\$6,270.00	A0473	Good
119271	ESC 8832	3/1/2004	8	\$6,270.00	A0487	Good
119272	ESC 8832	3/1/2004	8	\$6,270.00	A0488	Good
119273	ESC 8832	3/1/2004	8	\$6,270.00	A0489	Good
119274	ESC 8832	3/1/2004	8	\$6,270.00	A0490	Good
119275	ESC 8832	3/1/2004	8	\$6,270.00	A0491	Good
119276	ESC 8832	8/12/2004	8	\$6,270.00	A0492	Good
119277	ESC 8832	3/1/2004	8	\$6,270.00	A0493	Good
119278	ESC 8832	3/1/2004	8	\$6,270.00	A0494	Good
119279	ESC 8832	3/1/2004	8	\$6,270.00	A0495	Good
119280	ESC 8832	3/1/2004	8	\$6,270.00	A0496	Good
119281	ESC 8832	3/1/2004	8	\$6,270.00	A0497	Good
119282	ESC 8832	5/13/2004	8	\$7,220.00	A0588	Good
119283	ESC 8832	8/12/2004	8	\$6,220.00	A0589	Good
119284	ESC 8832	5/13/2004	8	\$6,270.00	A0590	Good

119285	ESC 8832	5/13/2004	8	\$6,270.00	A0591	Good
119286	ESC 8832	5/13/2004	8	\$6,270.00	A0592	Good
119287	ESC 8832	8/12/2004	8	\$6,270.00	A0593	Good
119288	ESC 8832	5/13/2004	8	\$6,270.00	A0594	Good
119289	ESC 8832	5/13/2004	8	\$6,270.00	A0595	Good
119290	ESC 8832	5/13/2004	8	\$6,270.00	A0596	Good
119291	ESC 8832	5/13/2004	8	\$6,270.00	A0597	Good
119292	ESC 8832	5/13/2004	8	\$6,270.00	A0598	Good
119293	ESC 8832	8/12/2004	8	\$6,270.00	A0599	Good
119294	ESC 8832	5/13/2004	8	\$6,270.00	A0600	Good
119295	ESC 8832	5/13/2004	8	\$6,270.00	A0601	Good
119296	ESC 8832	5/13/2004	8	\$6,270.00	A0602	Good
119297	ESC 8832	5/13/2004	8	\$7,220.00	A0603	Good
119753	MASS FLOW CONTROLLER	3/25/2004	8	\$1,592.42	AT04093008	Good
119754	Aadco	3/29/2004	8	\$6,297.00	2820	Good
120171	Chinook Engineering FTS	4/21/2004	8	\$1,835.00	HL1	Good
120172	Chinook Engineering FTS	4/21/2004	8	\$1,835.00	HL2	Good
121305	EnviroNics 6103	9/1/2004	8	\$12,948.50	3285	Good
121816	R&P 1400AB	11/10/2004	8	\$17,460.00	140AB253220409	Good
121817	R&P 1400AB	11/10/2004	8	\$17,460.00	140AB253230409	Good
121818	R&P 1400AB	11/10/2004	8	\$17,460.00	140AB253240409	Good
121819	R&P 1400A	11/10/2004	8	\$17,460.00	140AB253250409	Good
121882	Chinook Engineering FTS	10/28/2004	8	\$1,835.00	HL3	Good
121883	Chinook Engineering FTS	10/28/2004	8	\$1,835.00	HL4	Good
121892	Met One Instruments 50.5	11/1/2004	8	\$1,420.00	D6936	Good
121893	Met One Instruments 50.5	11/1/2004	8	\$1,420.00	D6937	Good
121894	Met One Instruments 50.5	11/1/2004	8	\$1,420.00	D6938	Good
121895	Met One Instruments 50.5	10/21/2004	8	\$1,420.00	D6939	Good
122188	NovaLynx 355-A10900	8/23/2004	8	\$1,404.69	995472-U1	Good
124416	Met One Instruments 50.5	6/13/2005	7	\$1,515.45	E2335	Poor
124417	Met One Instruments 083D-1-35	7/1/2005	7	\$1,515.45	D7561	Good
124758	Fluke 715/87V	6/9/2005	7	\$1,081.00	8881056	Good
124759	Fluke 715/87V	6/9/2005	7	\$1,081.00	8881048	Good
124760	Fluke 715/87V	6/9/2005	7	\$1,081.00	8881046	Good
124761	Fluke 715/87V	6/9/2005	7	\$1,081.00	8881038	Good
124762	Fluke 715/87V	7/14/2005	7	\$1,081.00	8881043	Good
124763	Fluke 715/87V	7/14/2005	7	\$1,081.00	8767140	Good
124764	Fluke 715/87V	7/14/2005	7	\$1,081.00	8767074	Good
124765	Fluke 715/87V	7/14/2005	7	\$1,081.00	8767090	Good
124766	Fluke 43B	6/9/2005	7	\$1,977.45	DM8860166	Good
125011	R&P Partisol 2025	7/7/2005	7	\$11,890.00	2025B218010506	Poor
125012	R&P 2025	7/1/2005	7	\$11,890.00	2025B217930506	Good
126840	Dell Optiplex 170L	2/28/2006	6	\$571.54	1W4YC91	Good
126841	Dell Optiplex 170L	2/28/2006	6	\$571.54	7X4YC91	Good
126843	Dell Optiplex 170L	2/28/2006	6	\$571.54	CW4YC91	Good
126844	Dell Optiplex 170L	2/28/2006	6	\$571.54	7RL7H91	Good
126845	Dell Optiplex 170L	2/28/2006	6	\$571.54	BQL7H91	Good
126850	Dell Optiplex 170L	2/28/2006	6	\$571.54	4NL7H91	Good
126852	Dell Optiplex 170L	2/8/2006	6	\$571.54	HX4YC91	Good

126853	Dell Optiplex 170L	2/8/2006	6	\$571.54	8W4YC91	Good
126854	Dell Optiplex 170L	2/28/2006	6	\$571.54	4X4YC91	Good
126855	Dell Optiplex 170L	2/28/2006	6	\$571.54	1QL7H91	Good
126856	Dell Optiplex 170L	2/8/2006	6	\$571.54	6PL7H91	Good
126857	Dell Optiplex 170L	2/8/2006	6	\$571.54	GQL7H91	Good
126858	Dell Optiplex 170L	2/28/2006	6	\$571.54	8NL7H91	Good
126860	Dell Optiplex 170L	2/28/2006	6	\$571.54	HPL7H91	Good
126861	Dell Optiplex 170L	2/28/2006	6	\$571.54	9rl7h91	Good
126862	Dell Optiplex 170L	2/8/2006	6	\$571.54	FPL7H91	Poor
126864	Dell Optiplex 170L	2/28/2006	6	\$571.54	8QL7H91	Good
126867	Dell Optiplex 170L	2/8/2006	6	\$571.54	2NL7H91	Good
126868	Dell Optiplex 170L	2/8/2006	6	\$571.54	9PL7H91	Good
126869	Dell Optiplex 170L	2/28/2006	6	\$571.54	HML7H91	Good
126872	Dell Optiplex 170L	2/28/2006	6	\$571.54	CRL7H91	Good
126873	Dell Optiplex 170L	2/28/2006	6	\$571.54	7QL7H91	Good
126876	Dell Optiplex 170L	2/8/2006	6	\$571.54	FRL7H91	Good
126877	Dell Optiplex 170L	2/8/2006	6	\$571.54	HQL7H91	Good
126972	AALBORG GFM-17	2/27/2006	6	\$1,192.25	154938-1	Good
126973	AALBORG GFM-17	3/3/2006	6	\$1,154.25	154938-2	Good
127261	Thermo Environmental Instruments, Inc 49C	3/21/2006	6	\$8,682.00	0536 114346	Good
127262	Thermo Environmental Instruments, Inc 49CPS	3/21/2006	6	\$11,325.00	0536 114350	Good
127263	Thermo Environmental Instruments, Inc 49CPS	3/21/2006	6	\$11,325.00	0536 114349	Good
127264	Thermo Environmental Instruments, Inc 49CPS	3/21/2006	6	\$11,325.00	0536 114347	Good
127265	Thermo Environmental Instruments, Inc 49CPS	3/21/2006	6	\$11,325.00	0536 114348	Good
127266	Thermo Environmental Instruments, Inc 49CPS	3/21/2006	6	\$11,325.00	536114351	Good
127267	Thermo Environmental Instruments, Inc 43C	3/21/2006	6	\$12,606.00	523012668	Good
127352	Aadco Zero Air Generator	4/10/2006	6	\$4,205.00	2878	Good
127392	Fluke 8505A Multimeter	4/10/2006	6	\$15,532.00	908852245	Good
127465	Mykrolis FC-260V	3/28/2006	6	\$1,337.00	AA06103066	Good
127530	Fluke 715/87V	5/3/2006	6	\$1,295.05	9015198	Good
127531	Fluke 715/87V	5/3/2006	6	\$1,295.05	9005307	Good
127612	ESC 8832	4/21/2006	6	\$6,200.00	A1289	Good
127613	ESC 8832	4/21/2006	6	\$6,200.00	A1288	Good
127614	ESC 8832	4/24/2006	6	\$6,200.00	A1287	Good
127615	ESC 8832	4/21/2006	6	\$6,790.00	A1286	Good
128028	BK Precision 865	5/25/2006	6	\$1,090.00	113-01362	Good
128367	Bios ML 800	7/6/2006	6	\$15,155.00	108053	Good
128690	Hastings MASS FLOW CONTROLLER	7/13/2006	6	\$1,375.00	3315400002	Good
128691	Hastings MASS FLOW CONTROLLER	7/13/2006	6	\$1,375.00	3315400081	Good
128692	Hastings MASS FLOW CONTROLLER	7/13/2006	6	\$1,375.00	3315400003	Good
131359	eLutions iRX	3/8/2007	5	\$1,166.25	809001680	Good
132187	R&P 1400AB	5/15/2007	5	\$24,964.00	140AB266790704	Poor
132276	eLutions iRX	5/14/2007	5	\$1,118.61	809002059	Good
132277	eLutions iRX	5/14/2007	5	\$1,116.25	809002049	Good
132279	eLutions iRX	5/14/2007	5	\$1,116.25	809001639	Good
132280	eLutions iRX	5/14/2007	5	\$1,116.25	809001693	Good
132281	Thermo Environmental Instruments, Inc 49iPS	5/25/2007	5	\$9,361.00	714922084	Good
132282	Thermo Environmental Instruments, Inc 49i	5/25/2007	5	\$7,313.00	714922083	Good
132487	R&P 1400AB	5/8/2007	5	\$19,224.00	140AB267260705	Good

132884	Thermo Environmental Instruments, Inc 42i	6/28/2007	5	\$11,305.00	CM07230014	Good
133513	Chinook Engineering Streamline Pro	8/28/2007	5	\$3,548.00	M070802	Good
133756	Dell Optiplex 320	10/8/2007	5	\$810.22	3BMDWD1	Good
133757	Dell Optiplex 320	10/8/2007	5	\$810.22	H9MDWD1	Good
133758	Dell Optiplex 320	10/8/2007	5	\$810.22	1BMDWD1	Good
133759	Dell Optiplex 320	10/8/2007	5	\$810.22	D9MDWD1	Good
134155	R&P 1400AB	11/20/2007	4	\$17,479.00	140AB268550709	Good
134321	ESC 8832	1/3/2008	4	\$6,020.00	A2187	Good
134322	ESC 8832	1/3/2008	4	\$6,020.00	A2188	Good
134323	ESC 8832	1/3/2008	4	\$6,020.00	A2326K	Good
134548	R&P 1400AB	2/15/2008	4	\$18,845.00	140AB270280801	Good
135127	Fluke 715/87V	4/8/2008	4	\$1,300.78	9612035	Good
135128	Fluke 715/87V	4/8/2008	4	\$1,300.78	9612049	Good
135129	Fluke 715/87V	4/8/2008	4	\$1,300.78	9612059	Good
135228	eLutions iRX	4/10/2008	4	\$1,116.25	809001633	Good
135229	eLutions iRX	4/8/2008	4	\$1,116.25	809001626	Good
135230	eLutions iRX	4/8/2008	4	\$1,116.25	809001654	Good
135231	eLutions iRX	4/8/2008	4	\$1,116.25	809001677	Good
135232	eLutions iRX	4/8/2008	4	\$1,116.25	809001695	Good
135233	eLutions iRX	4/8/2008	4	\$1,116.25	809001673	Good
135234	eLutions iRX	4/8/2008	4	\$1,116.25	809001640	Good
135235	eLutions iRX	4/8/2008	4	\$1,116.25	809001631	Good
135236	eLutions iRX	4/8/2008	4	\$1,116.25	809001648	Good
135237	eLutions iRX	4/8/2008	4	\$1,116.25	809001684	Good
137051	Thermo Environmental Instruments, Inc 49I-A1NAA	7/9/2008	4	\$7,533.50	820431148	Good
137052	Thermo Environmental Instruments, Inc 49IPS-ANAA	7/9/2008	4	\$10,165.00	820430996	Good
137565	Thermo Environmental Instruments, Inc 1405	9/5/2008	4	\$17,554.00	1405A202240808	Poor
138234	Tisch Environmental Inc. TE-5170-DV	2/13/2009	3	\$3,090.62	P7404	Good
138235	Tisch Environmental Inc. TE-5170-DV	2/13/2009	3	\$3,090.63	P7405	Good
138236	Tisch Environmental Inc. TE-5170-DV	2/13/2009	3	\$3,090.63	P7406	Good
138237	Tisch Environmental Inc. TE-5170-DV	2/13/2009	3	\$3,090.63	P7407	Good
138238	Tisch Environmental Inc. TE-5170-DV	2/13/2009	3	\$3,090.63	P7408	Good
138290	ESC 8832	2/11/2009	3	\$6,836.66	A3101K	Good
138291	ESC 8832	2/11/2009	3	\$6,836.67	A3102K	Good
138292	ESC 8832	3/11/2009	3	\$6,836.67	A3103K	Good
138593	Chinook Engineering Streamline Pro	3/6/2009	3	\$3,917.00	M081202	Good
138594	Chinook Engineering Streamline Pro	3/6/2009	3	\$3,917.00	M081204	Good
138595	Chinook Engineering Streamline Pro	3/6/2009	3	\$3,917.00	M080510	Good
138596	Met One Instruments 50.5	4/20/2009	3	\$2,365.00	H11151	Good
138597	Met One Instruments 50.5	4/20/2009	3	\$2,365.00	H11154	Good
139025	Thermo Environmental Instruments, Inc 49i-PS-ANAA	5/4/2009	3	\$10,202.76	913235776	Good
139174	Thermo Environmental Instruments, Inc 49i-A1NAA	5/12/2009	3	\$7,569.45	CM09130039	Good
139697	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	3	\$15,161.19	2025B225330905	Good
139698	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	3	\$15,161.19	2025B225320905	Good
139699	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	3	\$17,705.76	1405A204650904	Good
139700	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	3	\$17,705.77	1405A204780905	Poor
140120	Teledyne API 700E	10/15/2009	3	\$16,958.96	703-S	Good
140296	Thermo Environmental Instruments, Inc 2025B	11/20/2009	2	\$12,575.80	2025B225830910	Good
140297	Thermo Environmental Instruments, Inc 2025B	11/20/2009	2	\$12,575.80	2025B225910911	Good

140298	Thermo Environmental Instruments, Inc 2025B	11/20/2009	2	\$12,575.81	2025B225920912	Good
140299	Thermo Environmental Instruments, Inc 2025B	11/20/2009	2	\$12,575.81	2025B225930912	Good
140300	Thermo Environmental Instruments, Inc 2025B	11/20/2009	2	\$12,575.80	2025B225940912	Good
140301	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	2	\$7,936.32	CM09500013	Good
140302	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	2	\$7,936.32	CM09500014	Good
140303	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	2	\$7,936.32	CM09500015	Good
140304	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	2	\$7,936.32	CM09500016	Good
140305	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	2	\$7,936.33	CM09500017	Good
140306	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	2	\$9,808.00	35239567	Good
140307	Thermo Environmental Instruments, Inc 49IPS-ANAA	2/3/2010	2	\$9,808.00	935239568	Good
140308	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	2	\$9,808.00	935239569	Good
140309	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	2	\$9,808.00	935239570	Good
140310	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	2	\$9,808.01	935239571	Good
140617	Teledyne API 700E	6/16/2010	2	\$15,103.00	898-S	Good
140618	Teledyne API 700E	6/16/2010	2	\$15,103.00	896-S	Good
140619	Teledyne API 700E	6/16/2010	2	\$15,103.00	897-S	Good
140620	Teledyne API 700E	6/16/2010	2	\$15,103.00	895-S	Good
140621	Teledyne API 700E	6/16/2010	2	\$15,103.00	899-S	Good
140622	Teledyne API 700E	6/16/2010	2	\$15,103.00	900-S	Good
140661	ESC 8832	6/22/2010	2	\$9,017.50	A3730K	Good
140662	ESC 8832	6/22/2010	2	\$9,017.50	A3731K	Good
140930	Vaisala WXT520	6/30/2010	2	\$1,767.75	F2620012	Good
141098	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120467	Good
141108	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120469	Good
141109	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120460	Good
141110	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120461	Good
141111	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120827	Good
141112	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120463	Good
141113	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120466	Good
141114	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120470	Good
141118	Bios Definer Model 220 - M	9/22/2010	2	\$1,890.00	120826	Good
141119	Bios Definer Model 220 - M	11/17/2010	1	\$1,890.00	120464	Good
141120	Bios Definer Model 220 - M	11/17/2010	1	\$1,890.00	120462	Good
141121	Bios Definer Model 220 - M	11/17/2010	1	\$1,890.00	120468	Good
141122	Bios Definer Model 220 - M	11/17/2010	1	\$1,890.00	120465	Good
141123	Bios Definer Model 220 - M	11/17/2010	1	\$1,890.00	120459	Good
141124	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.00	120535	Good
141125	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.00	120540	Good
141126	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.00	120544	Good
141130	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.00	120537	Good
141131	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120787	Good
141132	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120788	Good
141133	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120640	Good
141134	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120541	Good
141135	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120539	Good
141136	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120534	Good
141137	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120536	Good
141138	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120786	Good
141139	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120538	Good

141140	Bios Definer Model 220 - H	11/17/2010	1	\$1,890.99	120542	Good
141344	Dell Optiplex 780	12/6/2010	1	\$621.90	H8Y74P1	Good
141345	Dell Optiplex 780	12/6/2010	1	\$621.90	HW955P1	Good
141346	Dell Optiplex 780	12/6/2010	1	\$621.90	GP955P1	Good
141347	Dell Optiplex 780	12/6/2010	1	\$621.90	1S955P1	Good
141348	Dell Optiplex 780	12/6/2010	1	\$621.90	FP955P1	Good
141349	Dell Optiplex 780	12/6/2010	1	\$621.90	2X955P1	Good
141350	Dell Optiplex 780	12/6/2010	1	\$621.90	8YQ74P1	Good
141351	Dell Optiplex 780	12/6/2010	1	\$621.90	J8Y74P1	Good
141352	Dell Optiplex 780	12/6/2010	1	\$621.90	8X955P1	Good
141353	Dell Optiplex 780	12/6/2010	1	\$621.90	C9Y74P1	Good
141354	Dell Optiplex 780	12/6/2010	1	\$621.90	9YQ74P1	Good
141355	Dell Optiplex 780	12/6/2010	1	\$621.90	CQ955P1	Good
141356	Dell Optiplex 780	12/6/2010	1	\$621.90	1Q955P1	Good
141357	Dell Optiplex 780	12/6/2010	1	\$621.90	JP955P1	Good
141358	Dell Optiplex 780	12/6/2010	1	\$621.90	4YQ74P1	Good
141359	Dell Optiplex 780	12/6/2010	1	\$621.90	3BYS3P1	Good
141360	Dell Optiplex 780	12/6/2010	1	\$621.90	G6X74P1	Good
141363	Dell Optiplex 780	12/6/2010	1	\$621.90	7Q955P1	Good
141364	Dell Optiplex 780	12/6/2010	1	\$621.90	29Y74P1	Good
141365	Dell Optiplex 780	12/6/2010	1	\$621.90	5BYS3P1	Good
141366	Dell Optiplex 780	12/6/2010	1	\$621.90	FQ955P1	Good
141367	Dell Optiplex 780	12/6/2010	1	\$621.90	J7Y74P1	Good
141368	Dell Optiplex 780	12/6/2010	1	\$621.90	1PY74P1	Good
141369	Dell Optiplex 780	12/6/2010	1	\$621.90	BR955P1	Good
141370	Dell Optiplex 780	12/6/2010	1	\$621.90	H7Y74P1	Good
141371	Dell Optiplex 780	12/6/2010	1	\$621.90	D5X74P1	Good
141372	Dell Optiplex 780	12/6/2010	1	\$621.90	2ZQ74P1	Good
141373	Dell Optiplex 780	12/6/2010	1	\$621.90	BQ955P1	Good
141375	Dell Optiplex 780	12/6/2010	1	\$621.90	JX974P1	Good
141376	Dell Optiplex 780	12/6/2010	1	\$621.90	D9Y74P1	Poor
141377	Dell Optiplex 780	12/6/2010	1	\$621.90	6XQ74P1	Good
141378	Dell Optiplex 780	12/6/2010	1	\$621.90	B5X74P1	Good
141379	Dell Optiplex 780	12/6/2010	1	\$621.90	CP955P1	Good
141380	Dell Optiplex 780	12/6/2010	1	\$621.90	7XQ74P1	Good
141381	Dell Optiplex 780	12/6/2010	1	\$621.90	1ZQ74P1	Poor
141382	Dell Optiplex 780	12/6/2010	1	\$621.90	GR955P1	Good
141383	Dell Optiplex 780	12/6/2010	1	\$621.90	F9Y74P1	Good
141384	Dell Optiplex 780	12/6/2010	1	\$621.90	H9Y74P1	Good
141385	Dell Optiplex 780	12/6/2010	1	\$621.90	88Y74P1	Poor
141386	Dell Optiplex 780	12/6/2010	1	\$621.90	16X74P1	Good
142160	Teledyne API T400	1/21/2011	1	\$7,819.25	83	Good
142161	Teledyne API T400	1/21/2011	1	\$7,819.25	84	Good
142162	Teledyne API T400	1/21/2011	1	\$7,819.25	85	Good
142163	Teledyne API T400	1/21/2011	1	\$7,819.25	86	Good
142164	Teledyne API T400	1/21/2011	1	\$7,819.25	87	Good
142165	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3412	Good
142166	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3413	Good
142167	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3414	Good

142168	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3415	Good
142169	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3416	Good
142170	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3418	Good
142171	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3419	Good
142172	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3420	Good
142173	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3421	Good
142174	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3422	Good
142175	Teledyne API M701 Opt 86E	1/10/2011	1	\$4,057.13	3423	Good
142176	Teledyne API M701 Opt 86E	1/11/2011	1	\$4,057.13	3424	Good
142178	Vaisala WXT520	1/26/2011	1	\$2,370.00	G0350001	Good
142179	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350002	Good
142180	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350003	Poor
142181	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350004	Good
142182	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350005	Good
142183	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350006	Good
142184	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350007	Good
142185	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350008	Good
142186	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350009	Good
142187	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350010	Good
142188	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350011	Good
142189	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350012	Good
142190	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350013	Good
142191	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350014	Good
142192	Vaisala WXT520	1/31/2011	1	\$2,370.00	G0350015	Good
142203	Teledyne API T703	2/4/2011	1	\$9,757.51	57	Good
142204	Teledyne API T703	2/4/2011	1	\$9,757.51	58	Good
142205	Teledyne API T703	2/4/2011	1	\$9,757.51	59	Good
142206	Teledyne API T703	2/4/2011	1	\$9,757.51	60	Good
142207	Teledyne API T703	2/4/2011	1	\$9,757.51	61	Good
142256	Thermo Environmental Instruments, Inc 2025B	3/23/2011	1	\$13,611.45	2025B227811103	Good
142257	Thermo Environmental Instruments, Inc 2025B	3/23/2011	1	\$13,611.45	2025B227251012	Good
142312	Teledyne API T100	5/2/2011	1	\$10,211.35	114	Good
143498	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420030	Good
143499	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420033	Good
143500	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420031	Good
143501	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420027	Good
143502	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420022	Good
143503	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420021	Good
143504	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420026	Good
143505	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420029	Good
143506	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420035	Good
143507	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420028	Good
143508	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420032	Good
143509	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420024	Good
143510	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420014	Good
143511	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420015	Good
143512	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420025	Good
143513	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420034	Good
143514	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420012	Good

143515	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420011	Good
143516	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420013	Good
143517	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420017	Good
143518	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420016	Good
143519	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420018	Good
143520	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420020	Good
143521	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420019	Good
143522	Vaisala WXT520	9/2/2011	1	\$2,250.00	G3420023	Good
14796	UltraSonic Bath 220	1/1/1980	32	\$500.00	A1162	Good
20552	Sencore LC 53	1/1/1980	32	\$350.00	3448433M	Good
21179	Dwyer Instruments Incline Manometer	3/15/1985	27	\$500.00	400-10	Good
26880	Thermo Environmental Instruments, Inc 43A	1/1/1989	23	\$8,000.00	43A-22800-207	Good
30253	Anderson 1200	8/6/1991	21	\$4,070.00	3834	Good
30277	Wells Cargo	10/2/1991	21	\$9,020.00	1WC200J19M3022127	Good
30278	Wells Cargo	10/2/1991	21	\$0.00	1WC200J10M3022128	Good
30279	Wells Cargo EW2011	10/2/1991	21	\$9,020.00	1WC200J12M3022129	Good
30280	Wells Cargo EW2011	10/2/1991	21	\$9,020.00	EW2011WC22129S	Good
30281	Wells Cargo	10/2/1991	21	\$9,020.00	EW2011WC22131S	Good
31096	Anderson	11/20/1991	21	\$0.00	5957	Good
88409	Wells Cargo	12/12/1994	17	\$9,074.93	1WC200J1153030266	Good
88410	Wells Cargo	9/23/1994	18	\$0.00	1WC200J14R3028876	Good
89330	Wells Cargo	9/1/1994	18	\$9,500.00	n/a	Good
89660	Thermo Environmental Instruments, Inc 49	10/17/1994	18	\$6,100.00	49-50379-285	Good
89762	Thermo Environmental Instruments, Inc 49	10/17/1994	18	\$6,641.00	49-50610-285	Good
89802	Bios DC-2	12/17/1994	17	\$3,185.73	B0255	Good
89803	Bios DC-2	12/17/1994	17	\$3,185.73	B0254	Good
89804	Bios DC-2	12/17/1994	17	\$3,185.74	B0252	Good
90423	Aadco Zero Air Generator	3/6/1995	17	\$3,660.00	65065301	Good
90534	Dell	2/6/1995	17	\$3,455.00	2Q70C	Good
90611	Thermo Environmental Instruments, Inc 42C	5/17/1995	17	\$10,000.00	42C-52230-291	Good
90617	Thermo Environmental Instruments, Inc 111	5/17/1995	17	\$3,705.00	111-51222-287	Good
92301	Met One Instruments Cup n Vane	4/30/2007	5	\$0.00		Good
92305	Met One Instruments	1/1/2001	11	\$0.00	n/a	Good
92307	Met One Instruments Cup 'n Vane	1/1/1991	21	\$750.00	n/a	Good
92309	Met One Instruments Cup 'n Vane	1/1/1991	21	\$750.00	NA	Good
92310	Met One Instruments Cup 'n Vane	1/1/1991	21	\$750.00	n/a	Good
92312	Met One Instruments Cup 'n Vane	1/1/1991	21	\$750.00	n/a	Good
92327	Zero Air	1/1/1995	17	\$3,660.00	95096101	Good
93279	Aluma Tower	9/1/1995	17	\$1,388.00	n/a	Good
93280	Aluma Tower	9/1/1995	17	\$1,388.00	n/a	Good
93281	Aluma Tower T-135	9/1/1995	17	\$1,388.00	n/a	Good
93289	NCI 124	12/6/1995	16	\$2,983.90	CVO53828591	Good
93290	NCI 124	12/6/1995	16	\$2,983.90	CVO881241300	Good
93291	NCI 124	12/6/1995	16	\$2,983.90	CVO53828585	Good
93292	NCI 124	12/6/1995	16	\$2,983.90	CVO53828588	Good
93603	Thermo Environmental Instruments, Inc 49C	1/24/1996	16	\$6,660.45	49C-53972-298	Good
93605	Thermo Environmental Instruments, Inc 49C	1/24/1996	16	\$6,660.19	49C-54506-300	Good
93608	Thermo Environmental Instruments, Inc 42C	11/20/1995	16	\$9,159.26	42C-53822-297	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	20	\$750.00	n/a	Good
93787	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	n/a	Good
93792	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	n/a	Good
93793	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	n/a	Good
93795	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	NA	Good
93798	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	n/a	Good
93799	Met One Instruments Cup 'n Vane	1/1/1992	20	\$750.00	NA	Good
93874	Bios DC-2NSH	12/26/1995	16	\$2,470.00	B-398	Good
93875	Bios DC-2	12/26/1995	16	\$2,470.00	B399	Good
93876	Bios DC-2	12/26/1995	16	\$2,470.00	n/a	Good
93878	Bios DC-2	12/26/1995	16	\$2,470.00	B404	Good
94277	EKTO	1/1/1997	15	\$6,000.00	2853-9	Good
95757	Rittal	4/15/1996	16	\$1,114.31	4418-210-7565	Good
96282	Mettler	4/1/1997	15	\$9,608.75	1115282625	Good
97021	Thermo Environmental Instruments, Inc 49C	10/15/1996	16	\$6,700.00	49C-56105-309	Good
97023	Thermo Environmental Instruments, Inc 49CPS	10/15/1996	16	\$8,039.00	49CPS-56681-309	Good
97026	Thermo Environmental Instruments, Inc 49CPS	10/15/1996	16	\$8,039.85	49CPS-56679-309	Good
97027	Thermo Environmental Instruments, Inc 49CPS	10/15/1996	16	\$8,039.85	49CPS-56680-309	Good
97028	Thermo Environmental Instruments, Inc 49CPS	10/15/1996	16	\$8,039.85	49CPS-56682-309	Good
97029	Thermo Environmental Instruments, Inc 49CPS	10/15/1996	16	\$8,039.85	49CPS-56683-309	Good
98018	Dell Latitude 133	6/24/1997	15	\$3,219.00	8W2BC	Good
99069	Bios DC-2	2/3/1998	14	\$3,638.89	B-678	Good
99070	Bios DC-2	2/3/1998	14	\$3,638.88	B680	Good
99291	Met One Instruments Cup n Vane	1/1/1990	22	\$750.00		Good
99519	Thermo Environmental Instruments, Inc 49CPS	12/28/1997	14	\$7,946.00	49CPS-59718-324	Good
99520	Thermo Environmental Instruments, Inc 49CPS	12/28/1997	14	\$7,946.00	49CPS-59698-324	Good
99521	Thermo Environmental Instruments, Inc 49CPS	12/28/1997	14	\$7,946.00	49CPS-59675-324	Good
99721	Thermo Environmental Instruments, Inc 49C	12/28/1997	14	\$7,946.00	49C-59678-324	Good
99722	Thermo Environmental Instruments, Inc 49C	12/28/1997	14	\$6,500.00	49C-59677-324	Good
99723	Thermo Environmental Instruments, Inc 49C	12/28/1997	14	\$7,946.00	49C-59699-324	Good
99763	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59515-323	Good
99764	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59516-323	Good
99765	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59527-323	Good
99766	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59528-323	Good
99767	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59529-323	Good
99768	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59530-323	Good
99769	Thermo Environmental Instruments, Inc 49C	1/20/1998	14	\$6,500.00	49C-59562-323	Good
99770	Thermo Environmental Instruments, Inc 49CPS	1/20/1998	14	\$7,946.00	49CPS-59750-324	Good
99771	Thermo Environmental Instruments, Inc 43C	1/20/1998	14	\$8,686.00	43C-59308-322	Good
99772	Thermo Environmental Instruments, Inc 43C	1/20/1998	14	\$8,686.00	43C-59325-322	Good
99773	Thermo Environmental Instruments, Inc 43C	1/20/1998	14	\$8,686.00	43C-59343-322	Good
99774	Thermo Environmental Instruments, Inc 43C	1/20/1998	14	\$8,686.00	43C-59344-322	Good
BL605022	EKTO 432SP	5/25/2006	6	\$5,875.00	3695-7	Good
EPA Supplied	R&P Partisol 2025	7/1/1998	14	\$0.00	2025A202709805	Good
EPA Supplied	R&P Partisol 2025	8/1/1998	14	\$0.00	2025A205669807	Good
EPA Supplied	R&P Partisol 2025	8/1/1998	14	\$0.00	2025A205609807	Good
EPA Supplied	R&P Partisol 2025	8/1/1998	14	\$0.00	2025A205699807	Good
EPA Supplied	R&P Partisol 2025	8/1/1998	14	\$0.00	2025A205329807	Poor
EPA Supplied	R&P Partisol 2025	7/1/1998	14	\$0.00	2025A203949806	Good

EPA Supplied	Met One Instruments SASS	1/1/2003	9	\$0.00	A2593	Good
EPA Supplied	BGI Incorporated	7/29/2009	3	\$0.00	620	Good
EPA Supplied	R&P Partisol 2025	7/1/1998	14	\$0.00	2025A202699805	Good
EPA Supplied	RADNET - HVP - 4004BRL - S	7/29/2009	3	\$0.00	18603	Good
EPA Supplied	R&P Partisol 2025	8/1/1998	14	\$0.00	2025A205379807	Poor
EPA Supplied	Met One Instruments	1/1/2003	9	\$0.00	A2592	Good
EPA Supplied	R&P Partisol 2025	9/1/1998	14	\$0.00	2025A205639807	Good
EPA Supplied	R&P Partisol 2025	9/1/1998	14	\$0.00	2025A205759808	Good
EPA supplied	URG - 3000	7/29/2009	3	\$0.00	3N-B0724	Good
ER020447	Aadco	12/5/1984	27	\$4,265.97	838	Good
ER022190	Portable Generator #4500	9/11/1985	27	\$1,187.95	1053765	Good
ER027456	Hewlett Packard 6114A	12/5/1988	23	\$1,900.00	2650A05563	Good
ER031217	Wells Cargo	1/31/1992	20	\$8,991.03	1WC200J12N3022729	Good
ERO17411	Hastings Mass Flow Meter	5/31/1983	29	\$1,281.35	0-13344	Good
ERO20029	Dasibi 1009			\$6,900.00	133	Good
ERO20181	LAB Cabinets	9/13/1984	28	\$1,005.33	n/a	Good
ERO20446	Aadco Zero Air Generator	12/5/1984	27	\$4,265.97	837	Good
ERO27867	Sencore LC-77	12/15/1988	23	\$1,604.96	6037469-R15	Good
ERO28016	Dasibi 5009	5/1/1989	23	\$9,000.00	254	Good
ERO30020	Hewlett Packard 6114A	5/7/1991	21	\$2,250.00	3104AU6244	Good
ERO30043	Dasibi 5008	6/10/1991	21	\$11,725.00	62	Good
ERO30204	Thermo Environmental Instruments, Inc 49	9/3/1991	21	\$6,174.00	49-34655-248	Good
ERO30207	Thermo Environmental Instruments, Inc 49	9/24/1991	21	\$6,174.00	49-34938-249	Good
ERO30208	Thermo Environmental Instruments, Inc 49	9/14/1991	21	\$6,174.00	49-35020-249	Good
ERO31406	AIR AIR-HB-1A	1/1/1992	20	\$700.00	2D2049	Good
ERO31778	UNGAR	5/27/1992	20	\$1,161.93	n/a	Good
ERO32932	Aadco	2/10/1993	19	\$4,911.94	2139	Good
Forest Service	Thermo Environmental Instruments, Inc 1400ab	2/3/2009	3	\$0.00	140AB273530810	Good
Forest Service	R&P 1400AB	12/10/2007	4	\$0.00	140AB268560709	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030017	Poor
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030013	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030001	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030012	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030022	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030003	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030008	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030021	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030011	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030023	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030006	Good
Not Required	Locally Made DER - 150	3/11/2011	1	\$0.00	INT 113 B	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030025	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030019	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030024	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030014	Good
Not Required	Vaisala WSP150	1/31/2011	1	\$268.00	F5030016	Good