

Florida
Department of
Environmental Protection



Annual Network Monitoring Plan

May 2010

DEP BAMMS 10-001

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support these goals. Single pollutant sites are used in the ozone, fine particulate and sulfur dioxide networks.

The major emphasis of the new design is to address population exposure. One exception to this emphasis in the new network design is the goal of 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.

Single site monitors are used for sulfur dioxide monitoring as well, since there are still several industrial sources of sulfur dioxide at which it is desirable to have monitoring near to the sources. While there have been no exceedances of the sulfur dioxide ambient air standard in years, there have been periods of high concentration that the FDEP considers worthwhile monitoring. Since these sites are generally in less populated areas, they are generally unsuitable for multi-pollutant monitoring with the objective of population exposure.

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 35 of the 67 Florida counties. The FDEP monitoring has been designed to provide monitoring in the counties which contain the highest concentration of the 18,537,969 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 each of 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.

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.

Additions to the current network will include the roadside NO₂ network, the lead network, the SO₂ network and the ozone network. As the rules are finalized and the siting guidance clarified, new sites will be added. Since the lead monitoring requirements are under review, new monitoring sites will not be sought until the monitoring requirements are again finalized. The single new required monitor, for the original 1 tpy source was the Daytona Beach airport. FDEP is waiting for the negotiations between EPA and the county to be finalized for a site selection to be made which the EPA would approve.

The first rule to be finalized was the NO₂ rule, April 12, 2010. As a result of that rule, 14 NO₂ sites will be required, as described in the table which follows.

NO₂ Monitoring Required by 2010 NAAQS

Urban Area with Population over 500,000	Population (2008)	Required Near road Monitors	Required Community Wide Monitor	Currently Monitoring?	Total
Bradenton-Sarasota-Venice	687,823	1		Yes	1
Cape Coral-Fort Myers	593,136	1			1
Jacksonville	1,313,228	1	1	Yes	2
Lakeland-Winter Haven	580,594	1			1
Miami-Fort Lauderdale-Pompano Beach	5,414,772	2	1	Yes	3
Orlando-Kissimmee	2,054,574	1	1	Yes	2
Palm Bay-Melbourne-Titusville	536,521	1			1
Tampa-St. Petersburg-Clearwater	2,733,761	2	1	Yes	3
Population >2.5 million requires 2 roadside					14

Changes for This Year

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

Broward County will be closing the ozone monitoring at site 12-011-0031, as the increase in traffic on adjacent roads makes it no longer suitable for ozone monitoring. In a major setback, a new N-Core site will need 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. The self-assessment is attached to this plan. They have also included the addition following monitoring for the proposed N-Core site; trace CO, trace SO₂, lead and NO_y. They will also be restoring two of their toxics monitoring sites at the new N-Core site and site 12-011-8002 at John U. Lloyd State Park.

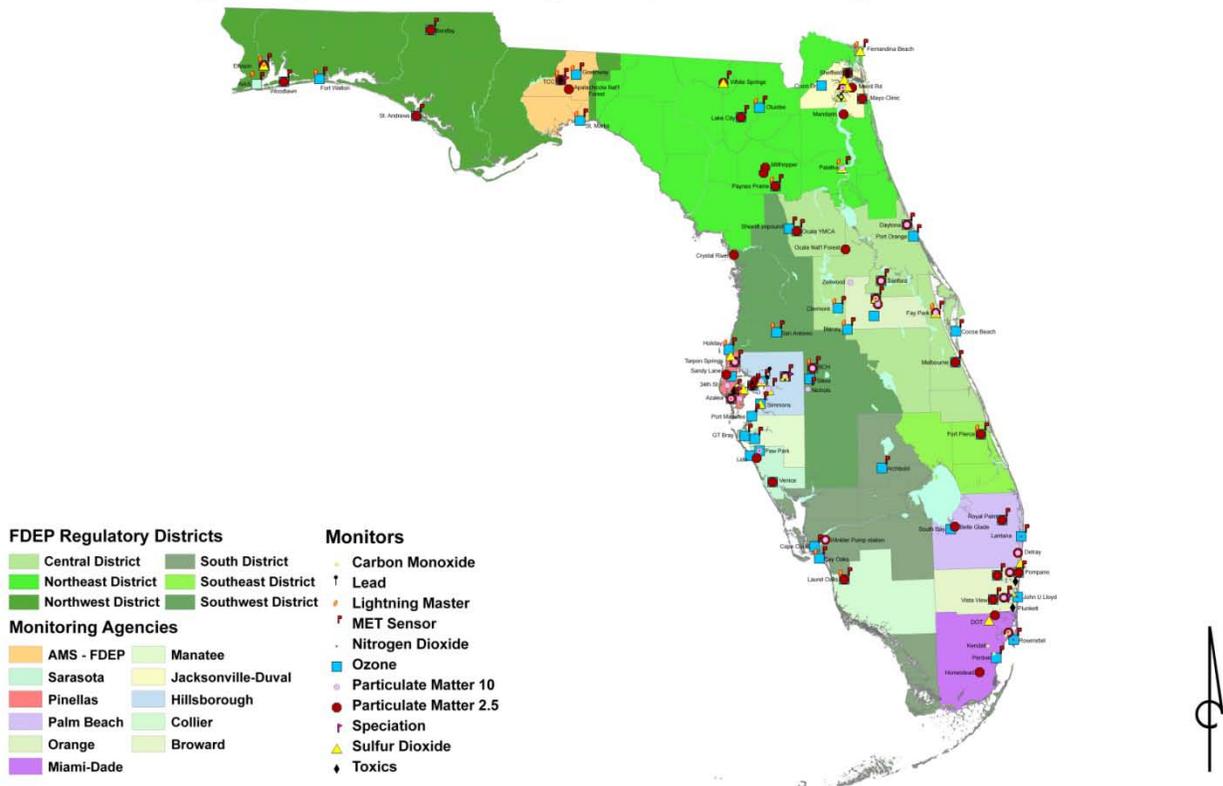
Miami-Dade will be discontinuing a CO site at 12-086-1019 when the property owner, the Miami-Dade school board, requires they vacate the property. They have been given notice that they will be required to leave soon.

Palm Beach County is the first agency to operate the first Federal Equivalent Method (FEM) PM_{2.5} instruments in the state. Site # 12-099-0008, in Belle Glade has been outfitted with a continuous PM_{2.5} FEM instrument and the federal reference method (FRM) instrument will be discontinued. Collocation will be at 12-099-0009, where an FEM is being added. They will also be reducing their monitoring frequency for AQS site # 12-099-2004 from daily to one in three days. The manual PM₁₀ at site AQS site #12-099-2005 will be discontinued and the monitoring requirement will be met with a continuous PM₁₀ at AQS site #12-099-0020. While there is no specific date intended to discontinue monitoring for SO₂ at AQS site #12-099-3004, when the instrument fails, it will not be replaced. It is not required to be in the network and the FPL Riviera Beach power plant, which currently has SO₂ emissions has been permitted to re-powered to a combined cycle natural gas unit.

Hillsborough will be increasing the lead monitoring around the one large facility which requires source lead monitoring. In addition to the 2 monitors permanently in place, suitable locations for 2 additional monitors are being sought, 1 of which is required by permit.

When the ozone standard was reduced from 0.08 ppm to 0.075 ppm in 2008, the monitoring requirements increased to include three areas of the state where historically there had been no ozone monitoring. Sebastian in Indian River County, Palm Bay in Flagler County and Punta Gorda in Charlotte County now are required to have one ozone monitor each. New sites are being sought. The second ozone monitor is being sought in the Ft. Pierce MSA. The location is in Stuart in Martin County. The continuous PM_{2.5} will be operated at this site and the two PM_{2.5} federal reference method instruments will be discontinued, as they are not required, to free up manpower for other monitoring. The ozone network will be examined in light of potential changes to the ozone NAAQS which could require up to 5 additional ozone monitoring sites.

**Figure 2. Site Locations for Florida’s Ambient Air Monitoring Network
2010 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 30 days from June 1st to June 30th of 2010. FDEP received no public comments.

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. There is no minimum monitoring requirement in the rule for sulfur dioxide, carbon monoxide, outside of the N-Core sites. The new requirements for NO₂ monitoring must be met by 2013. FDEP is

working with the EPA to understand the interpretation of the new rules and has sent forward a potential roadside monitoring site for Hillsborough county. Based on the response received, plans for the additional required sites will continue. So, in the last table, the design values for ozone, PM_{2.5} and PM₁₀ are listed with the cut-off that would require additional monitors listed at the bottom of the MSAs.

The Air Quality Index (AQI) is reported and updated hourly on FDEP's website at:

<http://www.dep.state.fl.us/air/airquality.htm>

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

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

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

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

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

MSA Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)									
Broward County									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
011-0010	600 NW 19 AVENUE 17-2890.362N-583.251E	SLAMS	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 5/1/92 VOCATIONAL TRAINING (#28)
		SLAMS	CO	TECO 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	OZONE	TECO49C	HI CONC	URBAN	CONTINUOUS	RELIED ON FOR SPATIAL INTERPOLATION	SU 2/98 SAWGRASS MET (#31)
	17-2905.871N-570.365E	SLAMS	NO2	TECO42C	HI CONC	URBAN	CONTINUOUS	FORECAST ASSISTANCE	SU 2/98 REQUESTED NAMS 9/98
011-0033	3211 COLLEGE AVE	SLAMS	OZONE	TECO49I	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/09
	17-2883.955N-566.147E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	VISTA VIEW PARK
011-0034	3205 SW 70TH AVE	PROP NCORE	PM10	WEDDING	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/1/2011
	17-2885.161N-575.912E	PROP NCORE	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	SO2	TECO 43CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	CO	TECO 48CTL	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	NOY	TECO NOY	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	Pb		POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	OZONE	TECO49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/2011
		PROP NCORE	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/2011
		TREND	PM2.5	MET ONE	POPULATION	NBH	1/6 DAY	TRENDS NETWORK	SU 1/1/2011
		TREND	BC	URG 3000N	POPULATION	NBH	1/3 DAY	TRENDS NETWORK	SU 1/1/2011
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 1/1/2011
011-1002	3205 SW 70TH AVE	PROP NCORE	PM10	WEDDING	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/1/92 U OF F AQ RES Relocating to Davie site
	17-2885.161N-575.912E	PROP NCORE	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/1/99 COLOCATED 1/6/99
		PROP NCORE	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 3/1/01
		TREND	PM2.5	MET ONE	POPULATION	NBH	1/6 DAY	TRENDS NETWORK	
		TREND	BC	URG 3000N	POPULATION	NBH	1/3 DAY	TRENDS NETWORK	SU 4/1/09
			NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING
011-2003	1951 NE 48TH ST	SLAMS	OZONE	TECO49I	POPULATION	NBH	CONTINUOUS	RELIED ON FOR SPATIAL INTERPOLATION	SU 1/1/89 MET POMPANO BEACH (#1)
	17-2907.993N-590.166E								
011-5005	4010 WINSTON PARK BLVD	SLAMS	PM10	WEDDING	SOURCE	NBH	1/6 DAY	SOURCE MONITORING	SLAMS 10/31/95 SD TEMPORARILY 400-#
	17-2908.456N-582.089E	NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING #30
		SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	
011-8002	JOHN U LLOYD STATE PK 17-2885.443N-588.870E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 10/1/09
		SLAMS	OZONE	TECO49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/85 (#25)
		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	

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	TECO 43C	SOURCE	NBH	CONTINUOUS	TRENDS MONITORING	SU 8/18/87 PENNSUCO
086-0027	UNIV MIAMI ROSENSTIEL 17-2846.153N-584.031E	SLAMS	NO2	TECO 42C	POPULATION	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 1/30/85 MET
		SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 3/7/84
086-0029	PERDUE MED CNTR 17-2829.900N-567.600E	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 5/1/85 MET
									TEMP MOVE AFTER ANDREW
086-0031	16000 S DIXIE HWY	SLAMS	CO	TECO 48C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 7/1/91 SLAMS 4/27/92
086-0033	7700 NW 186th ST 17-2869.23-567.45	SLAMS	PM 2.5	R&P 2025	POPULATION	NBH	1/3 DAY	MONITORING GROWTH	5/4/2005
									PALM SPRINGS N FIRE STATION
086-0034	SW 127 Avenue 17-2730.23-560.70	SLAMS	CO	TECO 48C	POPULATION	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 4/27/05 KENDALL WASD
086-1016	NW 20TH ST FIRE STA 17-2852.959N-579.582E	SLAMS	PM10	1200	HI CONC	MIDDLE	1/6 DAY	NEEDED BY REGULATION	SU 1/1/85
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 2/4/99 DAILY CO-LOCATED
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	AIRNOW POLLING 7/15/03
086-1019	2201 SW 4TH ST 17-2850.000N-576.867E	SLAMS	CO	TECO 48C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 7/1/80 SCHOOL BOARD SD 4/10
086-4002	864 NW 23RD ST (ANNEX) 17-2853.408N-579.163E	SLAMS	NO2	TECO 42C	HI CONC	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 1/1/1984
		SLAMS	CO	TECO 48C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/76 NAMS 8/27/92
086-6001	325 NW 2ND AVE 17-2817.102N-551.949E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 1/27/99 HOMESTEAD DAILY
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/10/04

MSA Network Description

METROPOLITAN STATISTICAL AREA: MIAMI - FT LAUDERDALE - MIAMI BEACH (MIAMI-DADE, BROWARD AND PALM BEACH COUNTIES)									
Palm Beach County									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
099-0008	38145 SR 80	SPM	PM2.5	BAM	SOURCE	NBH	CONTINUOUS	USED FOR AQI	SU 5/1/09
	17-2951.800N-532.450E	SPM	PM2.5	R&P 2025	SOURCE	NBH	DAILY	SOURCE	SU 3/00 BELL GLADE
099-0009	980 CRESTWOOD BLVD N	SLAMS	OZONE	TE49I	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 3/1/00
	17-2956.846N-576.194E	SLAMS	PM25	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 12/99 COLLOCATED
		SPM	PM25	BAM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 7/9/07 ROYAL PALM WWTP
099-0020	1199 LANTANA RD	SLAMS	OZONE	TE49I	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	A.G. HOLLEY SU 8/11/04. LANTANA
	17-2941.34N-593.52E	SPM	NO2	TE42I	POPULATION	NBH	CONTINUOUS	ASSIST IN FORECASTING	SU 10/08
		SLAMS	PM10	BAM 1020	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	Replacing 099-2005
099-2005	225 S CONGRESS	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 5/31/01
	17-2926.170N-590.023E	SLAMS	PM10	1200	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 07/12/01 SLAMS 4/27/92 Collocated
099-3004	1050 15TH ST W	SLAMS	SO2	TE143I	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 5/12/88 RIVIERA BEACH
	17-2916.800N-592.350E								

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

	Current	Proposed				
Total Number of Sites	21	21				
Number of Monitors by Network Type						
	Current	Proposed				
Number of SLAMS Monitors	31	41				
Number of SPM Monitors	10	11				
Total	41	52				
Number of Criteria Pollutant Monitors			PM2.5 Breakout			
	Current	Proposed	Required		Current	Proposed
Lead	0	1	1	Daily FRMs	7	5
Carbon Monoxide	4	4	1	1/3 FRMs	1	3
Ozone	8	8	3	Continuous	6	6
Nitrogen Dioxide	5	5	0*	Collocated	3	3
Total Nitrogen (Noy)	0	1	1			
PM2.5 Speciation	1	1	1			
Sulfur Dioxide	3	3	1			
PM10	5	5	3			
PM 2.5	14	14	9			
Total	40	42	20			

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	SLAMS SPM	PM2.5	R&P 2025 TEOM	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 01/01/99 MOVED TO 057-3002
057-0081	SIMMONS PARK 17-3069.100N-355.544E	SLAMS	OZONE	TE 49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	PALMA CEIA TEOM 8/02 SU 6/14/78 MET
057-0083	GARDINIER 17-3082.701N-363.890E	SPM	PM10	TEOM	SOURCE	MIDDLE	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/78 SLAMS 4/27/92
057-0109	9851 HWY 41 SOUTH 17-3081.853N-363.758E	SLAMS	SO2	TE 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 SLAMS	PM10 OZONE	TEOM TE 49C	SOURCE POPULATION	NBH NBH	CONTINUOUS CONTINUOUS	NEEDED BY REGULATION USED FOR AQI	SU 12/1/85 NAMS 8/27/92 TEOM USED FOR SU 1/1/73 MET
057-1065	5121 GANDY BLVD 17-3086.060N-348.560E	SLAMS SLAMS	OZONE NO2	TE 49C TE 42C	POPULATION HI CONC	NBH NBH	CONTINUOUS CONTINUOUS	NEEDED BY REGULATION FORECAST ASSISTANCE	SU 9/1/89 MET MARINE RESERVE SU 4/1/90 NAMS 8/27/92 NO
		SPM NON-REG	PM2.5 TOXICS	TEOM	HI CONC POPULATION	NBH NBH	CONTINUOUS 1/6 DAY	USED FOR AQI BASELINE MONITORING	1/1/2004 VOC/CARBONYL/METAL MONITORING
057-1066	1700 N 66TH ST 17-3093.400N-364.000E	SLAMS	LEAD	HI VOL	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 1/2/90 GULF COAST LEAD COLLOCATED
057-1073	6811 E 14th STREET 17-3093.990N-364.310E	SPM	LEAD	HI VOL	SOURCE	MIDDLE	1/6 DAY	SOURCE MONITORING	SU 10/31/97 PATENT SCAFFOLDING
057-3002	Sydney Road 17-3093.83N-378.98E	NCORE	OZONE	TECO 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SYDNEY SU 01/01/04, MET
		NCORE	NOy	TECO 42CLE	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/04
		NCORE	CO_TL	TECO 48CLE	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 01/01/05
		NCORE	SO2_TL	TECO 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	1200	POPULATION	URBAN	1/6 DAY	NEEDED BY REGULATION	SU 1/4/04
		NCORE	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 01/01/05
		NATTS STN	BC PM2.5	Aethalometer METONE	POPULATION POPULATION	URBAN URBAN	CONTINUOUS 1/6 DAY	BASELINE MONITORING TRENDS NETWORK	SU 01/01/07 SU 1/2004
		NATTS	TOXICS		POPULATION	URBAN	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL/METAL MONITORING
New site			LEAD						
New site			LEAD						

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	TECO 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	TECO 49	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	TECO49C	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	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	TECO49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 4/6/78 AZALEA PARK MET
		SLAMS	NO2	TECO42C	POPULATION	NBH	CONTINUOUS	FORECAST ASSISTANCE	SU 1/1/78 NO. NOX NAMS 1/1/92
		SLAMS	PM10	1200	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 4/1/92 SLAMS 7/20/92
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 01/01/99 CO-LLOCATED 1/12 DAY
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 05/01/01
		NON REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL/METAL MONITORING
103-0023	10100 SAN MARTIN 17-3082.975N-340.173E	SLAMS	SO2	TEI 43C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/79 DERBY LANE
103-0026	8601 60th St. North 17-3043.60N-359.17E	NATTS	BC	Magee Sci AE21	POPULATION	NBH	CONTINUOUS	BASELINE MONITORING	SU MET. SKYVIEW, PINELLAS PK
		CSN	PM2.5	Metone	POPULATION	NBH	1/6 DAY	BASELINE MONITORING	SU 9/04 SPECIATION
		NATTS	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/Carbonyl/Metal monitoring
103-1009	1360 SANDY LANE 17-3096.80-324.73	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 9/12/03
103-2008	13280 34TH ST N 17-3086.245N-334.583E	SLAMS	CO	TECO48C	HI CONC	MICRO	CONTINUOUS	TRENDS MONITORING	SU 4/1/93 SLAMS 7/1/93 GATEWAY
103-3002	11500 43RD AVE N 17-3083.930N-333.450E	SPM	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/82 RESOURCE RECOVERY
103-3004	1301 ULMERTON 17-3086.730N-325.320E	SLAMS	PM10	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	1200	POPULATION	NBH	1/6 DAY	TRENDS MONITORING	SU 11/1/88; SLAMS 7/20/92; EASTLAKE
		SLAMS	OZONE	TECO49C	HI CONC	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/77 MET
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 9/5/07
103-5003	40671 US 19 NORTH 17-3113.970N-329.14E	SLAMS	SO2	TECO 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 21	Proposed 21
Number of Monitors by Network Type		
Number of SLAMS Monitors	Current 28	Proposed 28
Number of SPM Monitors	10	9
Total	<u>38</u>	<u>37</u>

Number of Criteria Pollutant Monitors

	Current	Proposed	Required		Current	Proposed
Lead	2	4	0	Daily FRMs	2	2
Carbon Monoxide	1	2	0	1/3 FRMs	1	1
Ozone	9	9	2	Continuous	5	5
Nitrogen Dioxide	3	3	0	Collocated	1	2
PM2.5 Speciation	2	2	0			
Sulfur Dioxide	6	5	0			
PM10	7	7	4			
PM 2.5	8	8	3			
Total	<u>38</u>	<u>40</u>	<u>9</u>			

PM2.5 Breakout

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	TECO 49C	POPULATION	NBH	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 06/01/00 MET LOST LAKE ELM, CLERMONT
069-0003	HIGHWAY19 17-3209.531N-437.555E	SPM	PM25	TEOM	HI CONC	URBAN	CONTINUOUS	UNDERSTAND IMPACT OF FIRE ON PM2.5	OCALA NATIONAL FOREST, SU 4/28/04, FOR FORESTRY DELETED 3/31/06 START UP 5/01/06
095-0004	2 ELLWOOD ELM SCH 17-3178.650N-441.220E	SLAMS	PM10	1200	POPULATION	NBH	1/6 DAY	TRENDS MONITORING	SU 2/28/91 NAMS 1/1/92 SD When Building is destroyed
095-0008	7005 WINEGARD RD 17-3147.400N-4623660E	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/88
095-1004	595 N. PRIMROSE 17-3158.100N-466.200E	SLAMS SLAMS	PM10 PM2.5	1200 R&P 2025	HI CONC POPULATION	NBH NBH	1/6 DAY DAILY	NEEDED BY REGULATION NEEDED BY REGULATION	SU 6/1/90 COLOCATED SLAMS 4/27/92 SU 01/01/99 DAILY MARINE RESERVE
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASIC MONITORING FOR UNDERSTANDING	METALS
095-2002	MORSE BLVD & DENNING 17-3163.490N-464.515E	SLAMS SLAMS	OZONE CO	TECO 49C TECO 48C	POPULATION POPULATION	NBH NBH	CONTINUOUS CONTINUOUS	NEEDED BY REGULATION TRENDS MONITORING	SU 1/1/76 WINTER PARK SU 3/23/78 MET
		SLAMS	NO2	TEI 42i	POPULATION	URBAN	CONTINUOUS	FORECAST ASSISTANCE	SU 1/1/81
		SLAMS	SO2	TECO 43C	HI CONC	NBH	CONTINUOUS	FOR EFFECTIVENESS OF NEW REGULATIONS	SU 1/1/76
		SLAMS	PM10	1200	POPULATION	NBH	1/6 DAY	NEEDED BY REGULATION	SU 5/1/91 SLAMS 5/4/91 NAMS 4/1/98
		SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 01/01/99 DAILY CO-LOCATED
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 06/01/00
		NON-REG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC/CARBONYL MONITORING
097-2002	8706 W SR 192 17-3135.679N-437.601E	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	URBAN SPRAWL	SU 9/1/93 KISSIMMEE FIRE STATION SLAMS 10/6/93 MET
117-1002	SEMINOLE C.C. (AG COMP) 17-3179.640N-469.730E	SLAMS	OZONE	TECO 49C	HI CONC	URBAN	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 1/1/80 SANFORD MET
		SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	MONITORING EXTENDED COUNTY OF LARGE MSA	SU 12/22/00
		SLAMS	PM2.5	R&P 2025	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				
	8	7				
Number of Monitors by Network Type	Current	Proposed				
Number of SLAMS Monitors	15	14				
Number of SPM Monitors	2	2				
Total	17	16				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	0	0	0	Daily FRMs	2	2
Carbon Monoxide	1	1	0	1/3 FRMs	1	1
Ozone	5	5	2	Continuous	2	2
Nitrogen Dioxide	1	1	0	Collocated	2	2
PM2.5 Speciation	0	0	0			
Sulfur Dioxide	1	1	0			
PM10	4	3	2			
PM 2.5	5	5	3			
Total	17	16	7			

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	TECO 49C	BACKGROUND	URBAN	CONTINUOUS	REGIONAL BACKGROUND	SU 01/01/96 OLUSTEE MET
	17-3341.350N-360.900E								
031-0032	2900 BENNET/KOOKER PK	SLAMS	SO2	TECO 43C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 1/1/74
	17-3358.243N-438.923E	SLAMS	NO2	TECO 42C	HI CONC	NBH	CONTINUOUS	USED TO ASSIST IN FORECAST	SU 1/6/75
		SPM	PM25	R&P 2025	POPULATION	NBH	DAILY	COMMUNITY RESPONSE	SU 07/16/09
		SLAMS	PM10	TEOM	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 2/1/08
		NREG	TOXICS		POPULATION	NBH	CONTINUOUS	BASELINE MONITORING	VOC MONITORING
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	NREG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING
		SPM	PM2.5	TEOM	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	TECO 48C	HI CONC	NBH	CONTINUOUS	TRENDS MONITORING	SU 10/18/79
		NREG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING
031-0081	6801 CEDAR BAY RD	SLAMS	SO2	TEI 43i	SOURCE	MIDDLE	CONTINUOUS	SOURCE MONITORING	SU 1/1/78
031-0083	1184 S. MCDUFF AVE	SLAMS	CO	TECO 48	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 2/1/80
031-0084	ROSSELL/COPELAND	SLAMS	PM10	TEOM	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-432.168E	SLAMS	CO	TECO 48C	HI CONC	MIDDLE	CONTINUOUS	TRENDS MONITORING	SU 1/1/80 SLAMS 1/1/81
		NREG	TOXICS		POPULATION	NBH	1/6 DAY	BASELINE MONITORING	VOC MONITORING
031-0097	6241 FORT CAROLINA RD	SLAMS	SO2	TECO 43C	POPULATION	OPULATIC	CONTINUOUS	TRENDS MONITORING	SU 9/7/91 NAMS 1/1/92
031-0098	14932 MANDARIN ROAD	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	DAILY	NEEDED BY REGULATION	SU 06/01/99 DAILY CO-LOCATED
	17-3333.810N-438.920E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/1/2004
031-0099	9429 MERRILL ROAD	SLAMS	PM2.5	R&P 2025	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	TECO 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 9/1/02
	17-3347.598N-456.366E	SPM	PM2.5	TEOM	POPULATION	URBAN	CONTINUOUS	USED FOR AQI	SU 1/1/04 MAYO CLINIC
031-0106	4770 CISCO DR	SPM	OZONE	TECO 49i	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 9/28/2009
089-0005	WATER PLT 5TH ST	SLAMS	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	SOURCE MONITORING	SU 1/1/76
	<i>New site</i> Nassau Place Road	<i>SPM</i>	<i>PM25</i>	<i>TEOM</i>	<i>BACKGROUND</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>REGIONAL BACKGROUND</i>	

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

Total Number of Sites	Current	Proposed			
	13	14			
Number of Monitors by Network Type					
Number of SLAMS Monitors	Current	Proposed			
Number of SPM Monitors	15	15			
	6	7			
Total	21	22			
Number of Criteria Pollutant Monitors					
	Current	Proposed	Required		
Lead	0	0	0	Daily FRMs	3
Carbon Monoxide	3	3	0	1/3 FRMs	0
Ozone	4	5	2	Continuous	3
Nitrogen Dioxide	1	1	0	Collocated	1
PM2.5 Speciation	0	0	0		
Sulfur Dioxide	5	5	0		
PM10	2	2	1		
PM 2.5	6	7	3		
Total	21	23	6		

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	TECO49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 4/1/92 SLAMS 12/98
081-4012	5502 33RD AVE W 17-3040.540N-340.060E	SPM	OZONE	TECO49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/99 SLAMS 12/98 GT BRAY <i>TEMPORARILY SD 6/1/08 to 7/09</i>
081-4013	5511 39TH STREET EAST 17-3036.950N-349.570E	SPM	OZONE	TECO49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 1/99 MET SLAMS 12/98 <i>TEMPORARILY SD 6/1/08 to 7/09</i>
115-0013	BEE RIDGE PARK 17-3019.350N-350.800E	SLAMS	PM2.5	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 01/06/99 1/3 CO-LOCATED
115-1005	LIDO PARK MCKINLEY DR 17-3021.250N-344.600E	SLAMS	OZONE	TECO 49 C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 5/1/08
115-1006	4570 17TH STREET 17-3025.910N-353.620E	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 10/1/99 NAMS 1/00 PAW PARK MET
		SLAMS	NO2	TECO 42C	POPULATION	NBH	CONTINUOUS	USED TO ASSIST IN FORECASTING	SU 05/01/00 SLAMS 05/00
		SLAMS	PM10	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/19/03 T.RH.PRECIP
115-2002	2015 Jackson Rd. 17-2996.88N-364.91E	SLAMS	OZONE	TECO49C	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	7				
Number of Monitors by Network Type						
	Current	Proposed				
Number of SLAMS Monitors	6	6				
Number of SPM Monitors	4	4				
Total	10	10				
Number of Criteria Pollutant Monitors						
	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Lead	0	0	0	Daily FRMs	0	0
Carbon Monoxide	0	0	0	1/3 FRMs	1	1
Ozone	6	6	2	Continuous	2	2
Nitrogen Dioxide	1	1	0	Collocated	1	1
PM2.5 Speciation	0	0	0			
Sulfur Dioxide	0	0	0			
PM10	1	1	1			
PM 2.5	3	3	3			
Total	11	11	6			

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

MSA Network Description

AGENCY - FDEP NORTHWEST FLORIDA DISTRICT (001)									
AQ#	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: PANAMA CITY - LYNN HAVEN (BAY COUNTY)									
005-0006	ST ANDREWS PARK	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 7/13/00 MET
	16-3356.450N-621.970E	SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU FEB 2009
005-1004	CHERRY ST STP	SLAMS	PM10	TEOM	SOURCE	NBH	CONTINUOUS	USED FOR AQI	SU 1/1/92 SD NOV 2009
	16-3335.400N-633.450E	SLAMS	PM2.5	RSP 2025	POPULATION	NBH	1/3 DAY	COMPARISON TO THE NAAQS	SU 5/01 SD NOV 2009

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

Total Number of Sites	Current	Proposed					
	1	1					
Number of Monitors by Network Type	Current	Proposed					
Number of SLAMS Monitors	1	1					
Number of SPM Monitors	1	1					
Total	2	2					
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout		Current	Proposed
Ozone	1	1	1	1/3 FRMs		0	0
PM10	0	0	0	Continuous		1	1
PM 2.5	1	1	0	Collocated		0	0
Total	2	2	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: PENSACOLA - FERRY PASS - BRENT (ESCAMBIA AND SANTA ROSA COUNTIES)									
033-0004	ELLYSON IND PARK	SLAMS	OZONE	TECO 49C	POPULATION	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/75 MET
	16-3376.800N-480.400E	SLAMS	SO2	TECO 43C	SOURCE	NBH	CONTINUOUS	USED TO SEE EFFECTIVENESS OF NEW	SU 1/1/76 NAMS 8/16/93
		SPM	NO2	TECO42C	SOURCE	NBH	CONTINUOUS	USED TO ASSIST IN FORECASTING	SU 7/96 SD MAR 2010
		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, GULF	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 3/9/05 WOODLAWN BEACH MIDDLE SCH.
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 2/19/08

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

Total Number of Sites	Current	Proposed				
	3	3				
Number of Monitors by Network Type	Current	Proposed				
Number of SLAMS Monitors	5	5				
Number of SPM Monitors	2	2				
Total	<u>7</u>	<u>7</u>				
Number of Criteria Pollutant Monitors	Current	Proposed	Required	PM2.5 Breakout	Current	Proposed
Ozone	3	3	2	Daily FRM	0	0
Nitrogen Dioxide	0	0	0	1/3 FRMs	1	1
Sulfur Dioxide	1	1	0	Continuou	2	1
PM10	0	0	0	Collocater	1	1
PM 2.5	3	3	0			
Total	<u>7</u>	<u>7</u>	<u>2</u>			

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

MSA Network Description

METROPOLITAN STATISTICAL AREA: FORT WALTON BEACH - CRESTVIEW - DESTIN (OKALOOSA COUNTY)									
091-0002	720 LOVEJOY RD NW	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 12/1/08 Mary Esther

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

Outside - MSA Network Description

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

Number of Criteria Pollutant Monitors	Current	Proposed	Required
Ozone	1	1	0
PM 2.5	1	1	0
Total	<u>2</u>	<u>2</u>	<u>0</u>

MSA Network Description

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

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

	Current	Proposed		Current	Proposed
Total Number of Sites	4	4			
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout	Current	Proposed
Number of SLAMS Monitors	4	4	1/3 FRMs	1	1
Number of SPM Monitors	3	3	Continuous	2	3
			Collocated	1	1
	Total	7			
Number of Criteria Pollutant Monitors	Current	Proposed	Required		
Ozone	3	3	1		
Nitrogen Dioxide	0	0	0		
PM2.5 Speciation	1	1	0		
Sulfur Dioxide	0	1	0		
PM10	0	1	0		
PM 2.5	3	5	0		
	Total	7	11	1	

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

MSA Network Description

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

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

Total Number of Sites	Current 3	Proposed 3				
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout		Current	Proposed
Number of SLAMS Monitors	2	3	1/3 FRMs		2	2
Number of SPM Monitors	1	1	Continuous		1	1
	1	1	Collocated		1	1
Total	3	4				
Number of Criteria Pollutant Monitors	Current	Proposed	Required			
Ozone	1	1	1			
Nitrogen Dioxide	0	0	0			
Sulfur Dioxide	0	0	0			
PM10	0	0	0			
PM 2.5	3	3	0			
Total	4	4	1			

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

MSA Network Description

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

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

Total Number of Sites	Current 0	Proposed 1				
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout		Current	Proposed
Number of SLAMS Monitors	0	1	1/3 FRMs		0	0
Number of SPM Monitors	0	0	Continuous		0	0
	0	0	Collocated		0	0
Total	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			

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

Outside - MSA Network Description

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

Outside - MSA Network Description

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

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

MSA Network Description

AGENCY - FDEP CENTRAL FLORIDA DISTRICT (003)

AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: PALM BAY - MELBOURNE - TITUSVILLE (BREVARD COUNTY)									
009-0007	401 FLORIDA AVENUE	SLAMS	OZONE	TECO 49C	POPULATION	NBH	CONTINUOUS	TRENDS MONITORING	SU 3/1/00 MELBOURNE MET
	17-3103.060N-536.510E	SLAMS	PM25	R&P 2025	POPULATION	NBH	1/3 DAY	NEEDED BY REGULATION	SU 3/1/00
		SLAMS	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 10/25/07
009-0011	FAY BLVD	SPM	PM2.5	TEOM	SOURCE	URBAN	CONTINUOUS	SOURCE MONITORING	FAY PARK SU 11/1/06
	17-3149.04N-519.56E	SPM	SO2	TECO 43C	SOURCE	URBAN	CONTINUOUS	SOURCE MONITORING	FAY PARK SU 11/1/07
		SLAMS	PM10	TEOM	SOURCE	URBAN	CONTINUOUS	NEEDED BY REGULATION	FAY PARK SU 11/1/08
009-4001	400 S. 4TH ST	SLAMS	OZONE	TECO 49C	HI CONC	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 9/15/88 COCOA BEACH MET
	17-3131.500N-537.700E								

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

Total Number of Sites	Current	Proposed		
	3	3		
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout	
			1/3 FRMs	Current Proposed
Number of SLAMS Monitors	5	5	Continuous	1 1
Number of SPM Monitors	2	2	Collocated	2 2
				0 0
	Total	7		

Number of Criteria Pollutant Monitors

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

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

MSA Network Description

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

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

Total Number of Sites	Current	Proposed		
	2	2		
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout	
			1/3 FRMs	Current Proposed
Number of SLAMS Monitors	2	2	Continuous	0 0
Number of SPM Monitors	1	1	Collocated	1 1
				0 0
	Total	3		

Number of Criteria Pollutant Monitors

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

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

MSA Network Description

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

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

Total Number of Sites	Current 2	Proposed 3		
Number of Monitors by Network Type			PM2.5 Breakout	
	Current	Proposed		Current Proposed
Number of SLAMS Monitors	4	5	Daily FRMs	0 0
Number of SPM Monitors	1	1	1/3 FRMs	1 1
			Continuous	1 1
	Total	5 6	Collocated	0 0
Number of Criteria Pollutant Monitors				
	Current	Proposed	Required	
Lead	0	1	1	
Ozone	2	2	2	
Nitrogen Dioxide	0	0	0	
Sulfur Dioxide	0	0	0	
PM10	1	1	0	
PM2.5	2	2	2	
	Total	5 6	5	

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

MSA Network Description

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

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

Total Number of Sites	Current 0	Proposed 1		
Number of Monitors by Network Type			PM2.5 Breakout	
	Current	Proposed		Current Proposed
Number of SLAMS Monitors	0	1	1/3 FRMs	0 0
Number of SPM Monitors	0	0	Continuous	0 0
			Collocated	0 0
	Total	0 1		
Number of Criteria Pollutant Monitors				
	Current	Proposed	Required	
Ozone	0	1	1	
Nitrogen Dioxide	0	0	0	
Sulfur Dioxide	0	0	0	
PM10	0	0	0	
PM2.5	0	0	0	
	Total	0 1	1	

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

MSA Network Description

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

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

Total Number of Sites	Current	Proposed			
	3	3			
Number of Monitors by Network Type			PM2.5 Breakout		
	Current	Proposed		Current	Proposed
Number of SLAMS Monitors	5	5	1/3 FRMs	1	1
Number of SPM Monitors	1	1	Continuous	1	1
	<u>Total</u>	<u>6</u>	Collocated	<u>1</u>	<u>1</u>
Number of Criteria Pollutant Monitors					
	Current	Proposed	Required		
Ozone	2	2	1		
Nitrogen Dioxide	0	0	0		
Sulfur Dioxide	0	0	0		
PM10	2	2	0		
PM2.5	2	2	0		
	<u>Total</u>	<u>6</u>	<u>1</u>		

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

Outside - 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
MICROPOLITAN STATISTICAL AREA: HOMOSASSA SPRINGS (CITRUS COUNTY)									
017-0005	Power Line Road 17-3206.85N-334.370E	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 COLOCATED; CRYSTAL RIVER

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
	<u>Total</u>	<u>1</u>	<u>0</u>

MSA Network Description

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

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

Total Number of Sites	Current	Proposed			
	1	1			
Number of Monitors by Network Type	Current	Proposed	PM2.5 Breakout		
			Current	Proposed	
Number of SLAMS Monitors	0	0	1/3 FRMs	0	0
Number of SPM Monitors	1	1	Continuous	0	0
			Collocated	0	0
	Total	1	1		
Number of Criteria Pollutant Monitors	Current	Proposed	Required		
Ozone	1	1	0		
Nitrogen Dioxide	0	0	0		
Sulfur Dioxide	0	0	0		
PM10	0	0	0		
PM2.5	0	0	0		
	Total	1	1	0	

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

MSA Network Description

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

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

	Current	Proposed
Total Number of Sites	3	3

Number of Monitors by Network Type	Current		Proposed		PM2.5 Breakout	
					Current	Proposed
Number of SLAMS Monitors	4	4	1/3 FRMs		1	1
Number of SPM Monitors	1	1	Continuous		1	1
			Collocated		1	1
Total	5	5				

Number of Criteria Pollutant Monitors	Current	Proposed	Required
Ozone	2	2	2
Nitrogen Dioxide	0	0	0
Sulfur Dioxide	0	0	0
PM10	1	1	1
PM2.5	2	2	2
Total	5	5	5

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

MSA Network Description

AGENCY - FDEP SOUTH FLORIDA DISTRICT (005)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA - PUNTA GORDA (CHARLOTTE COUNTY)									
<i>New site</i>	<i>Punta Gorda</i>	<i>SLAMS</i>	<i>OZONE</i>	<i>TECO 49C</i>	<i>POPULATION</i>	<i>NBH</i>	<i>CONTINUOUS</i>	<i>NEEDED BY REGULATION</i>	

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

Total Number of Sites	Current 0	Proposed 1
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Number of Monitors by Network Type	Current		Proposed		PM2.5 Breakout	
Number of SLAMS Monitors	0	1	1/3 FRMs	0	0	0
Number of SPM Monitors	0	0	Continuous	0	0	0
	0	0	Collocated	0	0	0
Total	0	1				

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

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

MSA Network Description

AGENCY - FDEP SOUTHEAST FLORIDA DISTRICT (006)									
AQS #	SITE ADDRESS/UTM	TYPE	POL.	SAMPLER	MONITORING OBJECTIVE	SPATIAL SCALE	OPERATING SCHEDULE	STATEMENT OF PURPOSE	COMMENTS
METROPOLITAN STATISTICAL AREA: FT PIERCE (ST LUCIE COUNTY)									
111-1002	101 NORTH ROCK ROAD	SLAMS	OZONE	TEI 49C	HI CONC	URBAN	CONTINUOUS	NEEDED BY REGULATION	SU 1/1/95 MOVED DUE TO INTERFERENCE SD 6/8/10
	17-3036.200N-558.500E	SLAMS	PM2.5	RSP 2025	POPULATION	NBH	1/3 DAY	MONITOR POPULATION	SU 01/01/99 CO-LOCATED SU 4/1/05 SD 6/8/10
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	
085-0005	STUART	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	SU 6/11/10
		SPM	PM2.5	TEOM	POPULATION	NBH	CONTINUOUS	USED FOR AQI	SU 6/11/10
NEW	SAVANAHS	SLAMS	OZONE	TEI 49C	POPULATION	NBH	CONTINUOUS	NEEDED BY REGULATION	

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

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

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

IMPROVE NETWORK

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

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

List of abbreviations:

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

Metropolitan statistical areas	July 1, 2009 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
Miami-Fort Lauderdale-Miami Beach	5,547,051			msa		msa	3		msa	1	
Broward County	1,766,476	7.3	18	2	1	62	1	< 120	2		
Miami-Dade County	2,500,625	8	18	2	1	69	1	< 120	2		
Palm Beach County	1,279,950	6.3	15	2	1	65	1	< 120	2		
Tampa-St. Petersburg-Clearwater	2,747,272	8.7	18	2	1	79	2	< 120	2	1	2
Orlando-Kissimmee	2,082,421	7.7	18	2	1	71	2	< 120	2		
Jacksonville	1,328,144	9	21	2	1	70	2	< 120	2		
Sarasota-Bradenton-Venice	688,126	7.1	17	1	1	74	2	< 120	1		
Lakeland	583,403	8	15	1	1	71	2	< 120	1		
Palm Bay-Melbourne-Titusville	536,357	7.1	18	1	1	66	2	< 120	1		
Cape Coral-Fort Myers	586,908	7.1	15	1	1	66	2	< 120	1		
Deltona-Daytona Beach-Ormond Beach	443,343	7.8	22	0		63	2	< 120	0		
Pensacola-Ferry Pass-Brent	455,102	9.5	21	0		77	2	< 120	0		
Port St. Lucie-Fort Pierce	406,296	7.4	18	0		63	1	< 120	0		
Tallahassee	360,013	10.2	22	0		67	2	< 120	0		
Naples-Marco Island	318,537	8.8*	19	0		67	1	< 120	0		
Ocala	328,547	8.8	19	0		67	1	< 120	0		
Gainesville	260,690	9.5	20	0		67	1	< 120	0		
Fort Walton Beach-Crestview-Destin	178,473	<12	<29	0		~77	1	< 120	0		
Panama City-Lynn Haven	164,767	11.7	22	0		77	1	< 120	0		
Punta Gorda	156,952	<12	<29	0		~66	1	< 120	0		
Sebastian - Vero Beach	135,167	<12	<29	0		~63	1	< 120	0		
Palm Coast	91,622	<12	<29	0		~ 63	1	< 120	0		

PM2.5 Design Value (DV) cut-point: Annual-12.75 Daily-29.75 Ozone DV cut-point: 63.75 PM10 Medium cut-point:120

Micropolitan Statistical Areas	County	July 1, 2007 Pop.	O3 DV	Needed	PM2.5 Annual DV	PM2.5 24 hour DV	PM2.5 Monitors Needed
Homosassa Springs	Citrus	140357	>63.75	1	9.1	21.5	0
Sebring	Highlands	98704	68	1			0
Key West-Marathon	Monroe	73165	>63.75	1			0
Palatka	Putnum	72893	>63.75	1			0
The Villages	Sumter	77681	>63.75	1			
Lake City	Columbia	69264	>63.75	1			
Clewiston	Hendry	39594	>63.75	0			
Okeechobee	Okeechobee	40241	>63.75	0			
Arcadia	Desoto	35297	>63.75	0			
Wauchula	Hardee	29415	>63.75	0			

N-Core

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

The intent of the N-Core sites is to have population oriented and some rural sites that take advantage of multi-pollutant monitoring and may have more than one network represented. The proposed site for the Miami Fort Lauderdale-Miami Beach area is AQS site #12-011-0034 is in Davie, Florida. Funding was available in 2004 for the purchase of some of the N-Core specific monitoring, such as the trace level CO, trace level SO₂ and the NO_y. While the proposed sites must be identified in this plan, they are not required to be fully operational until January 2011. EPA has yet to identify how the PM_{10-2.5} speciation, required in the rule, will be addressed.

In the Tampa Bay area, the proposed N-Core site is AQS site # 12-057-3002, Sydney. It was the site of a large and intense nitrogen deposition study, the Bay Regional Atmospheric Chemistry Experiment, (BRACE). It has also been running the trace SO₂, CO and NO_y since 2004. Since the primary use of the N-Core sites is air quality trends analysis, the impending declaration of ozone nonattainment for the Tampa MSA, which is driven by the Hillsborough ozone concentrations, makes the Sydney site an appropriate location. While it is not the ozone design value site, it is located in an area which allows for the expansion of the site to accommodate the increased N-Core monitoring. Sydney is not in a built out portion of the county, which makes it ideal for tracking trends which reflect the addition of population, as Florida is still a fast growing state, even as that trend has slowed in the mid-part of this decade.



View of North side of property –
New NCore Site



View of Northeast side of property
– New NCore Site



View of Southeast side of property –
New NCore Site



View of South side of property – New
NCore Site



View of East side of property – New
NCore Site



View of Southwest side of property –
New NCore Site



View of West side of property – New
NCore Site



View of Northwest side of property –
New NCore Site

Monitoring Network Equipment

The network monitoring equipment is required by Air 105 Grant Requirement #0809-18 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
5/19/2010

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
100358	Thermo Environmental Instruments, Inc 146C Gas Calibrator	12/18/1997	12	\$9,272.10	146C-59680-324	Good
100359	Thermo Environmental Instruments, Inc 146C Gas Calibrator	12/18/1997	12	\$9,272.10	146C-60152-326	Good
100360	Thermo Environmental Instruments, Inc 146C Gas Calibrator	12/18/1997	12	\$9,272.10	146C-60275-326	Good
100361	Thermo Environmental Instruments, Inc 146C Gas Calibrator	12/18/1997	12	\$9,272.10	146C-60276-326	Good
100505	Aluma Tower	11/19/1997	13	\$1,617.35	n/a	Good
100506	Aluma Tower	11/19/1997	13	\$1,617.36	n/a	Good
100507	Aluma Tower	11/19/1997	13	\$1,617.35	AT71198-102-3	Good
101913	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-61989-333	Good
101914	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-61990-333	Good
101915	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62032-333	Good
101916	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62057-333	Good
101917	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62058-333	Good
101918	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62059-333	Good
101919	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62060-333	Good
101920	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62064-333	Good
101921	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62075-333	Good
101922	Thermo Environmental Instruments, Inc 49C O3 Analyzer	11/6/1998	12	\$7,829.00	49C-62076-333	Good
101923	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61885-333	Good
101924	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61894-333	Good
101925	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61904-333	Good
101926	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61905-333	Good
101927	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61941-333	Good
101928	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/4/1998	12	\$6,152.00	49CPS-61958-333	Good
101929	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/6/1998	12	\$6,152.00	49CPS-61960-333	Good
101930	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/4/1998	12	\$6,152.00	49CPS-61961-333	Good
101931	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/4/1998	12	\$6,152.00	49CPS-61976-333	Good
101932	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	11/4/1998	12	\$6,152.00	49CPS-61992-333	Good
103171	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	4/14/1999	11	\$8,406.00	43C-63357-339	Good
103172	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	4/14/1999	11	\$8,406.00	43C-63409-339	Good
103173	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	4/14/1999	11	\$8,406.00	43C-63427-339	Good
103620	Thermo Environmental Instruments, Inc 2025A	1/5/1999	11	\$13,489.80	2025A208979810	Good
104138	R&P 1400AB Continuous Particulate Monitor	10/22/1998	12	\$17,158.00	140AB222099808	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
104140	EKTO Continuous Particulate Monitor Enclosure	10/22/1998	12	\$4,978.50	3035-13	Good
104332	Wells Cargo EW2011 Air Monitoring Shelter	11/10/1999	11	\$7,660.00	1WC200J12X3042742	Good
104333	Wells Cargo EW2011 Air Monitoring Shelter	11/10/1999	11	\$7,660.00	1WC200J14X3042743	Good
104334	Wells Cargo EW2011 Air Monitoring Shelter	3/17/1999	11	\$7,660.00	1WC200J16X3042744	Good
105200	Chinook Engineering FTS	12/14/1999	10	\$1,095.00	57-004506-00001	Good
105654	R&P Partisol 2025 FRM Particulate Monitor	5/24/1999	11	\$11,981.80	2025A210659904	Good
105655	R&P Partisol 2025 FRM Particulate Monitor	5/24/1999	11	\$11,981.80	202521063	Good
105656	R&P Partisol 2025 FRM Particulate Monitor	5/24/1999	11	\$11,981.80	2025A210679904	Good
105740	EnviroNics 6103	10/31/2002	8	\$11,310.30	2910	Good
105948	Sony Mavica	11/10/1999	11	\$903.95	123035	Good
106222	Thermo Environmental Instruments, Inc 42C	12/14/1999	10	\$8,489.00	3860-636	Good
106548	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1018	Good
106549	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1019	Good
106550	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1023	Good
106551	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1024	Good
106552	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1025	Good
106553	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1026	Good
106554	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1027	Good
106555	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1028	Good
106556	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1029	Good
106557	Adam 5000 Data Logger	2/3/2000	10	\$1,450.34	1030	Good
106558	ESC 8816 Data Logger	1/7/2000	10	\$4,025.00	3316	Good
106579	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1711	Good
106580	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1705	Good
106581	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1709	Good
106582	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,453.50	Y1707	Good
106583	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1712	Good
106584	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1713	Good
106585	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1717	Good
106586	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1696	Good
106587	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1710	Good
106588	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1700	Good

Property Inventory - 105 Grant Commitment Report
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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
106589	Met One Instruments 50.5 Sonic WS/WD Sensor	3/21/2000	10	\$1,350.00	Y1704	Good
106605	Bios DC-2M	7/31/2002	8	\$3,147.25	B 1241	Good
106606	Bios DC-2	8/21/2002	8	\$3,147.25	B 1242	Good
106634	Aluma Tower	1/28/2000	10	\$1,590.00	AT91204-L1-4	Good
106635	Aluma Tower Met Tower	1/28/2000	10	\$1,590.00	n/a	Good
106636	Aluma Tower	1/28/2000	10	\$1,590.00	n/a	Good
106637	Aluma Tower	1/28/2000	10	\$1,590.00	n/a	Good
106638	Aluma Tower	1/28/2000	10	\$1,590.00	AT91204-L1-1	Good
106639	Aluma Tower	1/28/2000	10	\$1,590.00	AT91204-4-8	Good
106640	Aluma Tower	1/28/2000	10	\$1,590.00	n/a	Good
106641	Aluma Tower	1/28/2000	10	\$1,590.00	n/a	Good
106642	Aluma Tower	1/28/2000	10	\$1,590.00	AT91204-L1-#9	Good
106643	Aluma Tower	1/28/2000	10	\$1,590.00	n/a	Good
106644	Aluma Tower	1/28/2000	10	\$1,590.00	AT9120405-6	Good
106666	R&P Partisol 2025 FRM Particulate Monitor	1/13/2000	10	\$18,611.67	2025A21192	Good
106667	R&P Partisol 2025 FRM Particulate Monitor	1/13/2000	10	\$11,124.34	2025A211439907	Good
106668	R&P Partisol 2025 FRM Particulate Monitor	1/13/2000	10	\$11,124.34	2025A21191	Good
106669	R&P Partisol 2025 FRM Particulate Monitor	1/13/2000	10	\$11,124.34	2025A211289906	Good
106670	R&P 1400AB Continuous Particulate Monitor	1/13/2000	10	\$11,124.34	140AB227839911	Good
106671	R&P 1400AB Continuous Particulate Monitor	1/13/2000	10	\$11,124.34	140AB227829911	Good
106672	R&P 1400AB Continuous Particulate Monitor	1/13/2000	10	\$18,961.69	140AB227819911	Good
106673	R&P 1400AB Continuous Particulate Monitor	1/13/2000	10	\$18,961.69	140AB227849911	Good
106674	R&P 1400AB Continuous Particulate Monitor	1/13/2000	10	\$18,961.69	140AB227859911	Good
106675	R&P Partisol 2025 FRM Particulate Monitor	1/13/2000	10	\$18,961.67	2025A21159	Good
106677	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	2/3/2000	10	\$9,400.00	43C-65580-348	Good
106678	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65467-348	Good
106679	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65462-348	Good
106680	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65468-348	Good
106681	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65460-348	Good
106683	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65469-348	Good
106684	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65461-348	Good
106685	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65465-348	Good

Property Inventory - 105 Grant Commitment Report
5/19/2010

Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
106686	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-67727-358	Good
106687	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65466-348	Good
106688	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65464-348	Good
106689	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/17/2000	10	\$7,060.00	49C-65463-348	Good
106690	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	3/17/2000	10	\$9,400.00	43C-65990-351	Good
106691	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	3/17/2000	10	\$9,400.00	43C-65390-351	Good
106692	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2000	10	\$8,750.00	49CPS-65568-349	Good
106693	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65501-348	Good
106694	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65000-345	Good
106695	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65502-348	Good
106696	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65576-349	Good
106697	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65567-349	Good
106698	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65573-349	Good
106699	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65504-348	Good
106700	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65572-349	Good
106701	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-65149-347	Good
106702	Thermo Environmental Instruments, Inc 42CTL	3/17/2000	10	\$8,805.00	42CTL-65956-350	Good
106703	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-65546-348	Good
106704	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-65054-348	Good
106705	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-63658-348	Good
106706	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-65544-348	Good
106707	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-63179-348	Good
106708	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-65053-348	Good
106709	Thermo Environmental Instruments, Inc 146C Gas Calibrator	3/17/2000	10	\$8,805.00	146C-65543-348	Good
106711	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/17/2000	10	\$8,750.00	49CPS-64682-344	Good
106712	Thermo Environmental Instruments, Inc 42C	3/17/2000	10	\$10,300.00	42C-65499-348	Good
106801	Bios DC-2	1/10/2000	10	\$3,261.00	B936	Good
106964	Adam 5000 Data Logger	2/3/2000	10	\$1,450.32	1031	Good
106965	Adam 5000 Data Logger	2/3/2000	10	\$1,450.32	1032	Good
106966	Adam 5000 Data Logger	2/3/2000	10	\$1,450.32	1033	Good
106967	Adam 5000 Data Logger	2/3/2000	10	\$1,450.32	1034	Good
106968	Adam 5000 Data Logger	2/3/2000	10	\$1,450.32	1035	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
107167	Thermo Environmental Instruments, Inc 42CTL	3/17/2000	10	\$6,354.00	42CTL-65772-350	Good
107234	Opsis AR-500	5/8/2000	10	\$163,950.00	AR500-E-665	Good
107471	Chinook Engineering Streamline FTS	6/1/2000	10	\$1,120.00	991101	Good
107581	Soltec SA-101PA	7/10/2000	10	\$1,011.00	OE21681G	Good
107592	Soltec SA-101PA	7/10/2000	10	\$1,011.00	OE21692G	Good
108018	Hastings	10/7/2002	8	\$3,125.00	1392900001	Good
108019	Hastings	10/7/2002	8	\$3,125.00	1392900002	Good
108020	Hastings	10/7/2002	8	\$3,125.00	1392900003	Good
108180	Dasibi 5008	8/29/2000	10	\$12,580.00	873	Good
108298	Opsis 500	8/1/2000	10	\$19,150.00	OC500-1-029	Good
108299	Aadco	7/10/2000	10	\$5,799.89	2673	Good
108720	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/19/2000	10	\$7,875.00	49CPS-67727-358	Good
108760	Dasibi 5008	10/9/2000	10	\$13,388.75	860	Good
108830	R&P Partisol 2025 FRM Particulate Monitor	9/26/2000	10	\$10,890.00	2025B213080007	Good
108849	Aadco	9/6/2000	10	\$5,988.00	2682	Good
108916-109177	BGI Incorporated TriCal	12/12/2002	7	\$2,028.00	65	Good
108995	BGI Incorporated TriCal	12/11/2002	7	\$2,028.00	66	Good
108997	BGI Incorporated TriCal	12/11/2002	7	\$2,028.00	67	Good
109001	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/23/2001	9	\$7,875.00	49C-68628-361	Good
109126	BGI Incorporated TriCal	12/11/2002	7	\$2,028.00	68	Good
109177	BGI Incorporated TriCal	12/11/2002	7	\$2,028.00	69	Good
109194	Tektronix TDS3032	1/30/2001	9	\$3,821.41	B020425	Good
109195	Dasibi 5008	3/5/2001	9	\$13,388.75	910	Good
109196	Aadco	1/24/2001	9	\$5,755.00	2703	Good
109218	R&P 1400AB Continuous Particulate Monitor	3/20/2001	9	\$16,975.00	140AB234100012	Good
109219	R&P 1400AB Continuous Particulate Monitor	3/20/2001	9	\$16,975.00	140AB233270011	Good
109220	R&P 1400AB Continuous Particulate Monitor	3/20/2001	9	\$16,975.00	140AB233280011	Good
109221	R&P 1400AB Continuous Particulate Monitor	3/21/2001	9	\$16,975.00	140AB234130012	Good
109222	R&P 1400AB Continuous Particulate Monitor	3/2/2001	9	\$16,975.00	140AB233290011	Good
109620	EnviroNics Portable Mass Flow System	5/4/2001	9	\$7,495.00	FEPA001	Good
109621	EnviroNics Portable Mass Flow System	5/4/2001	9	\$7,495.00	FEPA002	Good
109622	EnviroNics Portable Mass Flow System	5/4/2001	9	\$7,495.00	FEPA003	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
109727	EKTO Continuous Particulate Monitor Enclosure	3/20/2001	9	\$4,795.00	3200-13A	Good
109728	EKTO Continuous Particulate Monitor Enclosure	3/20/2001	9	\$4,795.00	3224-15	Good
110129	Wells Cargo EW2011 Air Monitoring Shelter WC200E	2/18/2003	7	\$10,277.00	1WC200E1733049495	Good
110268	Total Control Products, Inc QM1104ROA	4/13/2001	9	\$2,698.26	5221412	Good
110269	Quick Marquee	4/13/2001	9	\$2,803.00	5221434	Good
110688	Aluma Tower	8/27/2001	9	\$1,660.00	n/a	Good
110689	Aluma Tower	8/27/2001	9	\$1,660.00	n/a	Good
110690	Aluma Tower	8/27/2001	9	\$1,660.00	n/a	Good
110690	Aluma Tower	8/27/2001	9	\$1,660.00	n/a	Good
110692	Aluma Tower	8/21/2000	10	\$1,660.00	n/a	Good
110927	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	6/28/2001	9	\$6,354.00	49CPS-70575-366	Good
110928	Thermo Environmental Instruments, Inc 49C O3 Analyzer	6/28/2001	9	\$7,875.00	49C-70531-366	Good
110945	R&P 1400AB Continuous Particulate Monitor	5/8/2001	9	\$16,975.00	140AB235500103	Good
110946	R&P 1400AB Continuous Particulate Monitor	5/8/2001	9	\$16,975.00	140AB235430103	Good
111216	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,350.00	A5872	Good
111217	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,350.00	A5871	Good
111218	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,350.00	A5875	Good
111219	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,350.00	A5877	Good
111220	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,350.00	A5876	Good
111221	Met One Instruments 50.5 Sonic WS/WD Sensor	10/15/2001	9	\$1,515.06	A5873	Good
111326	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104603	Good
111327	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104599	Good
111328	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104600	Good
111329	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104604	Good
111330	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104601	Good
111331	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104596	Good
111332	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104597	Good
111333	Adam 5000 Data Logger	12/7/2001	8	\$1,008.20	IAA0104611	Good
111334	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0104598	Good
111335	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0104608	Good
111336	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0104612	Good
111337	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0149927	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
111338	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0149924	Good
111339	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0149937	Good
111340	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0149935	Good
111341	Adam 5000 Data Logger	12/7/2001	8	\$1,300.00	IAA0149936	Good
111342	Adam 5000 Data Logger	12/7/2001	8	\$1,279.20	IAA0149931	Good
111343	Adam 5000 Data Logger	12/7/2001	8	\$1,279.20	IAA0149938	Good
111344	Adam 5000 Data Logger	12/7/2001	8	\$1,279.20	IAA0149930	Good
111345	Adam 5000 Data Logger	12/7/2001	8	\$1,279.20	IAA0149934	Good
111346	Adam 5000 Data Logger	12/7/2001	8	\$1,279.20	IAA0149933	Good
111365	Fisher Scientific	10/9/2001	9	\$1,198.13	108N0198	Good
111464	Weller WRS-3000	11/13/2001	9	\$1,494.00	n/a	Good
111465	Weller WRS-3000	11/13/2001	9	\$1,494.00	n/a	Good
111485	EKTO Continuous Particulate Monitor Enclosure 432SP	11/13/2001	9	\$4,795.00	3424-5	Good
111486	R&P 1400A Continuous Particulate Monitor	12/1/2001	8	\$16,995.00	140AB238010110	Good
111487	R&P 1400AB Continuous Particulate Monitor	11/13/2001	9	\$16,995.00	140AB238020110	Good
111488	EKTO Continuous Particulate Monitor Enclosure	11/13/2001	9	\$4,985.00	3299-5	Good
111524	Dasibi 5008	11/15/2001	9	\$12,580.00	939	Good
111532	Thermo Environmental Instruments, Inc 42C	12/17/2001	8	\$8,370.00	42C-72457-371	Good
111717	Opsis 150MM Cell	5/10/2002	8	\$3,600.00	n/a	Good
111718	Opsis 110 mm Cell	5/10/2002	8	\$2,600.00	n/a	Good
111719	Opsis	5/10/2002	8	\$12,950.00	n/a	Good
111720	Opsis OC500	5/10/2002	8	\$12,950.00	n/a	Good
111721	Opsis Optical Bench	5/10/2002	8	\$21,870.00	n/a	Good
112109	R&P 1400AB Continuous Particulate Monitor	2/7/2002	8	\$17,460.00	140AB239110201	Good
112110	Wells Cargo EW2011 Air Monitoring Shelter	1/17/2002	8	\$10,812.00	1WC200J2223047926	Good
112111	Met One Instruments 083D-1-35	3/11/2002	8	\$1,059.50	B1809	Good
113708	Bios DCL-MH	6/20/2002	8	\$1,108.50	6225	Good
113711	Hastings	6/19/2002	8	\$3,294.85	1244400001	Good
113812	R&P ACCU	9/5/2002	8	\$4,542.00	ACCUB305180101	Good
113829	Hastings Mass Flow Controller	7/26/2002	8	\$1,629.00	AW02313002	Good
113830	Hastings Mass Flow Controller	7/26/2002	8	\$1,629.00	AW02313003	Good
113831	Hastings Mass Flow Controller	9/10/2002	8	\$1,629.00	AW02313004	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
113832	Hastings Mass Flow Controller	9/10/2002	8	\$1,629.00	AW02313001	Good
114161	R&P 1400A Continuous Particulate Monitor	12/25/2002	7	\$16,995.00	140AB242620208	Good
114162	R&P 1400A Continuous Particulate Monitor	12/25/2003	6	\$16,995.00	140AB242930209	Good
114163	EKTO Continuous Particulate Monitor Enclosure	12/25/2003	6	\$5,095.00	3439-3	Good
114230	Adam 5000 Data LoggerE	12/2/2002	7	\$1,852.03	1AA0459379	Good
114231	Adam 5000 Data LoggerE	12/13/2002	7	\$1,851.59	1AA0382773	Good
114693	Met One Instruments 50.5 Sonic WS/WD Sensor	1/16/2003	7	\$1,782.50	B5765	Good
114694	Met One Instruments 50.5 Sonic WS/WD Sensor	1/16/2003	7	\$1,782.50	B5766	Good
114695	Met One Instruments 50.5 Sonic WS/WD Sensor	1/16/2003	7	\$1,782.50	B5767	Good
114696	Met One Instruments 083D-1-35	1/16/2003	7	\$1,142.50	B5989	Good
114706	EnviroNics 6103	2/19/2003	7	\$11,310.30	3046	Good
114707	EnviroNics 6103	2/19/2003	7	\$11,310.30	3062	Good
115149	Lightning Master Corporation	12/18/2003	6	\$2,334.00	n/a	Good
115150	Lightning Master Corporation	12/18/2003	6	\$2,334.00	n/a	Good
115151	Lightning Master Corporation	1/10/2003	7	\$2,334.00	202103112	Good
115152	Lightning Master Corporation	1/10/2003	7	\$2,334.00	n/a	Good
115153	Lightning Master Corporation	12/18/2003	6	\$2,334.00	202103111	Good
115154	Lightning Master Corporation	12/18/2002	7	\$2,334.00	202103452	Good
115155	Lightning Master Corporation	12/18/2002	7	\$2,334.00	202103451	Good
115156	Lightning Master Corporation	12/18/2002	7	\$2,334.10	n/a	Good
115157	Lightning Master Corporation	1/6/2003	7	\$2,334.00	n/a	Good
115158	Lightning Master Corporation	12/18/2002	7	\$2,334.00	304005441	Good
115159	Lightning Master Corporation	2/25/2003	7	\$8,587.55	n/a	Good
115507	R&P 1400AB Continuous Particulate Monitor	5/13/2003	7	\$17,460.00	140AB245470304	Good
115508	R&P 1400A Continuous Particulate Monitor	5/13/2003	7	\$17,460.00	140AB245490304	Good
115569	R&P ACCU	3/12/2003	7	\$4,690.00	ACCUB305790211	Good
115570	R&P 1400AB Continuous Particulate Monitor	3/12/2003	7	\$16,995.00	140ab244590302	Good
115571	R&P ACCU	3/12/2003	7	\$4,690.00	ACCUB305800211	Good
115792	Thermo Environmental Instruments, Inc 49C O3 Analyzer	6/10/2003	7	\$5,720.80	49C-78831-389	Good
115793	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	6/10/2003	7	\$8,127.00	49CPS-78832-389	Good
115794	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	6/10/2003	7	\$8,127.00	49CPS-78833-389	Good
116105	Hastings	4/21/2003	7	\$1,310.00	16156	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
116106	Hastings	4/21/2003	7	\$1,310.00	16157	Good
117061	Adam 5000 Data LoggerE	5/27/2003	7	\$1,652.75	1154	Good
117062	Adam 5000 Data LoggerE	5/27/2003	7	\$1,652.75	1155	Good
117063	Adam 5000 Data LoggerE	5/27/2003	7	\$1,652.75	1156	Good
117235	Lightning Master Corporation	7/17/2003	7	\$2,421.56	n/a	Good
117236	Lightning Master Corporation	5/23/2003	7	\$2,421.67	n/a	Good
117237	Lightning Master Corporation	7/17/2003	7	\$2,421.56	n/a	Good
117238	Environics	6/5/2003	7	\$1,310.00	16527	Good
117239	Environics	6/5/2003	7	\$1,310.00	16528	Good
117393	Calibration Bath	6/10/2003	7	\$9,972.90	803050081	Good
117858	Foil Kit	7/17/2003	7	\$1,185.00	613	Good
117859	Foil Kit	7/17/2003	7	\$1,185.00	614	Good
117860	Foil Kit	7/17/2003	7	\$1,185.00	631	Good
117862	Foil Kit	6/25/2003	7	\$1,185.00	AT03243003	Good
117863	MASS FLOW CONTROLLER	4/9/2003	7	\$1,592.96	AT03133039	Good
118079	Bios ML 800	10/10/2003	7	\$33,075.00	n/a	Good
119262	ESC 8832 Data Logger Data Logger	8/12/2004	6	\$6,270.00	A0451	Good
119263	ESC 8832 Data Logger	2/24/2004	6	\$6,270.00	A0457	Good
119264	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0458	Good
119265	ESC 8832 Data Logger	2/20/2004	6	\$7,220.00	A0463	Good
119266	ESC 8832 Data Logger	2/20/2004	6	\$7,220.00	A0464	Good
119267	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0465	Good
119268	ESC 8832 Data Logger	2/24/2004	6	\$6,270.00	A0466	Good
119269	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0467	Good
119270	ESC 8832 Data Logger	2/24/2004	6	\$6,270.00	A0473	Good
119271	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0487	Good
119272	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0488	Good
119273	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0489	Good
119274	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0490	Good
119275	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0491	Good
119276	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0492	Good
119277	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0493	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
119278	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0494	Good
119279	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0495	Good
119280	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0496	Good
119281	ESC 8832 Data Logger	3/1/2004	6	\$6,270.00	A0497	Good
119282	ESC 8832 Data Logger	5/13/2004	6	\$7,220.00	A0588	Good
119283	ESC 8832 Data Logger	8/12/2004	6	\$6,220.00	A0589	Good
119284	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0590	Good
119285	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0591	Good
119286	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0592	Good
119287	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0593	Good
119288	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0594	Good
119289	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0595	Good
119290	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0596	Good
119291	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0597	Good
119292	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0598	Good
119293	ESC 8832 Data Logger	8/12/2004	6	\$6,270.00	A0599	Good
119294	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0600	Good
119295	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0601	Good
119296	ESC 8832 Data Logger	5/13/2004	6	\$6,270.00	A0602	Good
119297	ESC 8832 Data Logger	5/13/2004	6	\$7,220.00	A0603	Good
119753	MASS FLOW CONTROLLER	3/25/2004	6	\$1,592.42	AT04093008	Good
119754	Aadco	3/29/2004	6	\$6,297.00	2820	Good
120171	Chinook Engineering FTS	4/21/2004	6	\$1,835.00	HL1	Good
120172	Chinook Engineering FTS	4/21/2004	6	\$1,835.00	HL2	Good
121000	Lightning Master Corporation	9/27/2004	6	\$2,810.00	304005441	Good
121305	Environics 6103	9/1/2004	6	\$12,948.50	3285	Good
121345	Lightning Master Corporation	7/16/2004	6	\$2,810.79	n/a	Good
121346	Lightning Master Corporation	7/16/2004	6	\$2,810.80	n/a	Good
121347	Lightning Master Corporation	7/16/2004	6	\$2,810.80	101100942	Good
121348	Lightning Master Corporation	7/16/2004	6	\$2,810.80	n/a	Good
121816	R&P 1400AB Continuous Particulate Monitor	11/10/2004	6	\$17,460.00	140AB253220409	Good
121817	R&P 1400AB Continuous Particulate Monitor	11/10/2004	6	\$17,460.00	140AB253230409	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
121818	R&P 1400AB Continuous Particulate Monitor	11/10/2004	6	\$17,460.00	140AB253240409	Good
121819	R&P 1400A Continuous Particulate Monitor	11/10/2004	6	\$17,460.00	140AB253250409	Good
121882	Chinook Engineering FTS	10/28/2004	6	\$1,835.00	HL3	Good
121883	Chinook Engineering FTS	10/28/2004	6	\$1,835.00	HL4	Good
121892	Met One Instruments 50.5 Sonic WS/WD Sensor	11/1/2004	6	\$1,420.00	D6936	Good
121893	Met One Instruments 50.5 Sonic WS/WD Sensor	11/1/2004	6	\$1,420.00	D6937	Good
121894	Met One Instruments 50.5 Sonic WS/WD Sensor	11/1/2004	6	\$1,420.00	D6938	Good
121895	Met One Instruments 50.5 Sonic WS/WD Sensor	10/21/2004	6	\$1,420.00	D6939	Good
121896	Met One Instruments 50.5 Sonic WS/WD Sensor	10/21/2004	6	\$1,420.00	D7204	Good
122188	NovaLynx 355-A10900	8/23/2004	6	\$1,404.69	995472-U1	Good
122462	Opsis	5/25/2005	5	\$12,070.00	604	Good
123902	Opsis	5/25/2005	5	\$4,216.00	n/a	Good
124178	Wells Cargo TW122	5/16/2005	5	\$9,534.25	1WC200E2353053636	Good
124416	Met One Instruments 50.5 Sonic WS/WD Sensor	6/13/2005	5	\$1,515.45	E2335	Good
124417	Met One Instruments 083D-1-35	7/1/2005	5	\$1,515.45	D7561	Good
124758	Fluke 715/87V	6/9/2005	5	\$1,081.00	8881056	Good
124759	Fluke 715/87V	6/9/2005	5	\$1,081.00	8881048	Good
124760	Fluke 715/87V	6/9/2005	5	\$1,081.00	8881046	Good
124761	Fluke 715/87V	6/9/2005	5	\$1,081.00	8881038	Good
124762	Fluke 715/87V	7/14/2005	5	\$1,081.00	8881043	Good
124763	Fluke 715/87V	7/14/2005	5	\$1,081.00	8767140	Good
124764	Fluke 715/87V	7/14/2005	5	\$1,081.00	8767074	Good
124765	Fluke 715/87V	7/14/2005	5	\$1,081.00	8767090	Good
124766	Fluke 43B	6/9/2005	5	\$1,977.45	DM8860166	Good
125011	R&P Partisol 2025 FRM Particulate Monitor	7/7/2005	5	\$11,890.00	2025B218010506	Good
125012	R&P Partisol 2025 FRM Particulate Monitor	7/1/2005	5	\$11,890.00	2025B217930506	Good
126838	Dell Optiplex 170L	2/28/2006	4	\$571.54	3PL7H91	Good
126839	Dell Optiplex 170L	2/28/2006	4	\$571.54	2SL7H91	Good
126840	Dell Optiplex 170L	2/28/2006	4	\$571.54	1W4YC91	Good
126841	Dell Optiplex 170L	2/28/2006	4	\$571.54	7X4YC91	Good
126842	Dell Optiplex 170L	2/28/2006	4	\$571.54	DQL7H91	Good
126843	Dell Optiplex 170L	2/28/2006	4	\$571.54	CW4YC91	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
126844	Dell Optiplex 170L	2/28/2006	4	\$571.54	7RL7H91	Good
126845	Dell Optiplex 170L	2/28/2006	4	\$571.54	BQL7H91	Good
126846	Dell Optiplex 170L	2/8/2006	4	\$571.54	JRL7H91	Good
126847	Dell Optiplex 170L	2/8/2006	4	\$571.54	4QL7H91	Good
126848	Dell Optiplex 170L	2/28/2006	4	\$571.54	3RL7H91	Good
126849	Dell Optiplex 170L	2/28/2006	4	\$571.54	BX4YC91	Good
126850	Dell Optiplex 170L	2/28/2006	4	\$571.54	4NL7H91	Good
126852	Dell Optiplex 170L	2/8/2006	4	\$571.54	HX4YC91	Good
126853	Dell Optiplex 170L	2/8/2006	4	\$571.54	8W4YC91	Good
126854	Dell Optiplex 170L	2/28/2006	4	\$571.54	4X4YC91	Good
126855	Dell Optiplex 170L	2/28/2006	4	\$571.54	1QL7H91	Good
126856	Dell Optiplex 170L	2/8/2006	4	\$571.54	6PL7H91	Good
126857	Dell Optiplex 170L	2/8/2006	4	\$571.54	GQL7H91	Good
126858	Dell Optiplex 170L	2/28/2006	4	\$571.54	8NL7H91	Good
126859	Dell Optiplex 170L	2/28/2006	4	\$571.54	2PL7H91	Good
126860	Dell Optiplex 170L	2/28/2006	4	\$571.54	HPL7H91	Good
126861	Dell Optiplex 170L	2/28/2006	4	\$571.54	9rl7h91	Good
126862	Dell Optiplex 170L	2/8/2006	4	\$571.54	FPL7H91	Good
126863	Dell Optiplex 170L	2/28/2006	4	\$571.54	JNL7H91	Good
126864	Dell Optiplex 170L	2/28/2006	4	\$571.54	8QL7H91	Good
126865	Dell Optiplex 170L	2/28/2006	4	\$571.54	7NL7H91	Good
126866	Dell Optiplex 170L	2/8/2006	4	\$571.54	CPL7H91	Good
126867	Dell Optiplex 170L	2/8/2006	4	\$571.54	2NL7H91	Good
126868	Dell Optiplex 170L	2/8/2006	4	\$571.54	9PL7H91	Good
126869	Dell Optiplex 170L	2/28/2006	4	\$571.54	HML7H91	Good
126870	Dell Optiplex 170L	2/16/2006	4	\$571.54	FNL7H91	Good
126871	Dell Optiplex 170L	2/28/2006	4	\$571.54	BNL7H91	Good
126872	Dell Optiplex 170L	2/28/2006	4	\$571.54	CRL7H91	Good
126873	Dell Optiplex 170L	2/28/2006	4	\$571.54	7QL7H91	Good
126874	Dell Optiplex 170L	2/28/2006	4	\$571.54	4RL7H91	Good
126875	Dell Optiplex 170L	2/28/2006	4	\$563.00	1RL7H91	Good
126876	Dell Optiplex 170L	2/8/2006	4	\$571.54	FRL7H91	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
126877	Dell Optiplex 170L	2/8/2006	4	\$571.54	HQL7H91	Good
126972	AALBORG GFM-17	2/27/2006	4	\$1,192.25	154938-1	Good
126973	AALBORG GFM-17	3/3/2006	4	\$1,154.25	154938-2	Good
127261	Thermo Environmental Instruments, Inc 49C O3 Analyzer	3/21/2006	4	\$8,682.00	0536 114346	Good
127262	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2006	4	\$11,325.00	0536 114350	Good
127263	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2006	4	\$11,325.00	0536 114349	Good
127264	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2006	4	\$11,325.00	0536 114347	Good
127265	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2006	4	\$11,325.00	0536 114348	Good
127266	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	3/21/2006	4	\$11,325.00	536114351	Good
127267	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	3/21/2006	4	\$12,606.00	523012668	Good
127268	Thermo Environmental Instruments, Inc 48CTLE	3/21/2006	4	\$11,355.00	0536 114345	Good
127352	Aadco Zero Air Generator	4/10/2006	4	\$4,205.00	2878	Good
127392	Fluke 8505A Multimeter	4/10/2006	4	\$15,532.00	908852245	Good
127441	Aluma Tower	4/3/2006	4	\$2,235.00	n/a	Good
127442	Aluma Tower T-135-35	5/1/2006	4	\$2,235.00	n/a	Good
127465	Mykrolis FC-260V	3/28/2006	4	\$1,337.00	AA06103066	Good
127530	Fluke 715/87V	5/3/2006	4	\$1,295.05	9015198	Good
127531	Fluke 715/87V	5/3/2006	4	\$1,295.05	9005307	Good
127612	ESC 8832 Data Logger	4/21/2006	4	\$6,200.00	A1289	Good
127613	ESC 8832 Data Logger	4/21/2006	4	\$6,200.00	A1288	Good
127614	ESC 8832 Data Logger	4/24/2006	4	\$6,200.00	A1287	Good
127615	ESC 8832 Data Logger	4/21/2006	4	\$6,790.00	A1286	Good
128028	BK Precision 865	5/25/2006	4	\$1,090.00	113-01362	Good
128367	Bios ML 800	7/6/2006	4	\$15,155.00	108053	Good
128690	Hastings MASS FLOW CONTROLLER	7/13/2006	4	\$1,375.00	3315400002	Good
128691	Hastings MASS FLOW CONTROLLER	7/13/2006	4	\$1,375.00	3315400081	Good
128692	Hastings MASS FLOW CONTROLLER	7/13/2006	4	\$1,375.00	3315400003	Good
131359	eLutions iRX	3/8/2007	3	\$1,166.25	809001680	Good
132187	R&P 1400AB Continuous Particulate Monitor	5/15/2007	3	\$24,964.00	140AB266790704	Good
132276	eLutions iRX	5/14/2007	3	\$1,118.61	809002059	Good
132277	eLutions iRX	5/14/2007	3	\$1,116.25	809002049	Good
132278	eLutions iRX	5/14/2007	3	\$1,116.25	809002258	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
132279	eLutions iRX	5/14/2007	3	\$1,116.25	809001639	Good
132280	eLutions iRX	5/14/2007	3	\$1,116.25	809001693	Good
132281	Thermo Environmental Instruments, Inc 49iPS	5/25/2007	3	\$9,361.00	714922084	Good
132282	Thermo Environmental Instruments, Inc 49i	5/25/2007	3	\$7,313.00	714922083	Good
132487	R&P 1400AB Continuous Particulate Monitor	5/8/2007	3	\$19,224.00	140AB267260705	Good
132884	Thermo Environmental Instruments, Inc 42i	6/28/2007	3	\$11,305.00	CM07230014	Good
133513	Chinook Engineering Streamline Pro	8/28/2007	3	\$3,548.00	M070802	Good
133755	Dell Optiplex 320	10/8/2007	3	\$810.22	2BMDWD1	Good
133756	Dell Optiplex 320	10/8/2007	3	\$810.22	3BMDWD1	Good
133757	Dell Optiplex 320	10/8/2007	3	\$810.22	H9MDWD1	Good
133758	Dell Optiplex 320	10/8/2007	3	\$810.22	1BMDWD1	Good
133759	Dell Optiplex 320	10/8/2007	3	\$810.22	D9MDWD1	Good
134155	R&P 1400AB Continuous Particulate Monitor	11/20/2007	2	\$17,479.00	140AB268550709	Good
134321	ESC 8832 Data Logger	1/3/2008	2	\$6,020.00	A2187	Good
134322	ESC 8832 Data Logger	1/3/2008	2	\$6,020.00	A2188	Good
134323	ESC 8832 Data Logger	1/3/2008	2	\$6,020.00	A2326K	Good
134548	R&P 1400AB Continuous Particulate Monitor	2/15/2008	2	\$18,845.00	140AB270280801	Good
135127	Fluke 715/87V	4/8/2008	2	\$1,300.78	9612035	Good
135128	Fluke 715/87V	4/8/2008	2	\$1,300.78	9612049	Good
135129	Fluke 715/87V	4/8/2008	2	\$1,300.78	9612059	Good
135228	eLutions iRX	4/10/2008	2	\$1,116.25	809001633	Good
135229	eLutions iRX	4/8/2008	2	\$1,116.25	809001626	Good
135230	eLutions iRX	4/8/2008	2	\$1,116.25	809001654	Good
135231	eLutions iRX	4/8/2008	2	\$1,116.25	809001677	Good
135232	eLutions iRX	4/8/2008	2	\$1,116.25	809001695	Good
135233	eLutions iRX	4/8/2008	2	\$1,116.25	809001673	Good
135234	eLutions iRX	4/8/2008	2	\$1,116.25	809001640	Good
135235	eLutions iRX	4/8/2008	2	\$1,116.25	809001631	Good
135236	eLutions iRX	4/8/2008	2	\$1,116.25	809001648	Good
135237	eLutions iRX	4/8/2008	2	\$1,116.25	809001684	Good
135238	Aluma Tower T-135-35	4/22/2008	2	\$2,367.50	AT-82070-T-4-1	Good
135239	Aluma Tower T-135-35	4/22/2008	2	\$2,367.50	AT-82070-T-4-2	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
135538	Wells Cargo EW2011 Air Monitoring Shelter	5/28/2008	2	\$14,597.00	1WC200J2383058622	Good
135562	Wells Cargo EW2011 Air Monitoring Shelter	5/28/2008	2	\$14,597.00	1WC200J2583058623	Good
137051	Thermo Environmental Instruments, Inc 49I-A1NAA	7/9/2008	2	\$7,533.50	820431148	Good
137052	Thermo Environmental Instruments, Inc 49IPS-ANAA	7/9/2008	2	\$10,165.00	820430996	Good
137216	Thermo Environmental Instruments, Inc 1405	9/5/2008	2	\$17,554.00	1405A202240808	Good
138234	Tisch Environmental Inc. TE-5170-DV	2/13/2009	1	\$3,090.62	P7404	Good
138235	Tisch Environmental Inc. TE-5170-DV	2/13/2009	1	\$3,090.63	P7405	Good
138236	Tisch Environmental Inc. TE-5170-DV	2/13/2009	1	\$3,090.63	P7406	Good
138237	Tisch Environmental Inc. TE-5170-DV	2/13/2009	1	\$3,090.63	P7407	Good
138238	Tisch Environmental Inc. TE-5170-DV	2/13/2009	1	\$3,090.63	P7408	Good
138290	ESC 8832 Data Logger	2/11/2009	1	\$6,836.66	A3101K	Good
138291	ESC 8832 Data Logger	2/11/2009	1	\$6,836.67	A3102K	Good
138292	ESC 8832 Data Logger	3/11/2009	1	\$6,836.67	A3103K	Good
138593	Chinook Engineering Streamline Pro	3/6/2009	1	\$3,917.00	M081202	Good
138594	Chinook Engineering Streamline Pro	3/6/2009	1	\$3,917.00	M081204	Good
138595	Chinook Engineering Streamline Pro	3/6/2009	1	\$3,917.00	M080510	Good
138596	Met One Instruments 50.5 Sonic WS/WD Sensor	4/20/2009	1	\$2,365.00	H11151	Good
138597	Met One Instruments 50.5 Sonic WS/WD Sensor	4/20/2009	1	\$2,365.00	H11154	Good
139025	Thermo Environmental Instruments, Inc 49i-PS-ANAA	5/4/2009	1	\$10,202.76	913235776	Good
139174	Thermo Environmental Instruments, Inc 49i-A1NAA	5/12/2009	1	\$7,569.45	CM09130039	Good
139697	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	1	\$15,161.19	2025B225330905	Good
139698	Thermo Environmental Instruments, Inc 2025-AM	6/29/2009	1	\$15,161.19	2025B225320905	Good
139699	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	1	\$17,705.76	1405A204650904	Good
139700	Thermo Environmental Instruments, Inc 1405-AVF	6/29/2009	1	\$17,705.77	1405A204780905	Good
139701	Wells Cargo EW2011 Air Monitoring Shelter	6/9/2009	1	\$16,922.25	1WC200J2693059622	Good
139702	Wells Cargo EW2011 Air Monitoring Shelter	6/9/2009	1	\$16,922.25	1WC200J2693059623	Good
140120	Teledyne API M700E	10/15/2009	1	\$16,958.96	703-S	Good
140296	Thermo Environmental Instruments, Inc 2025B	11/20/2009	0	\$12,575.80	2025B225830910	Good
140297	Thermo Environmental Instruments, Inc 2025B	11/20/2009	0	\$12,575.80	2025B225910911	Good
140298	Thermo Environmental Instruments, Inc 2025B	11/20/2009	0	\$12,575.81	2025B225920912	Good
140299	Thermo Environmental Instruments, Inc 2025B	11/20/2009	0	\$12,575.81	2025B225930912	Good
140300	Thermo Environmental Instruments, Inc 2025B	11/20/2009	0	\$12,575.80	2025B225940912	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
140301	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	0	\$7,936.32	CM09500013	Good
140302	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	0	\$7,936.32	CM09500014	Good
140303	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	0	\$7,936.32	CM09500015	Good
140304	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	0	\$7,936.32	CM09500016	Good
140305	Thermo Environmental Instruments, Inc 49I-A1NAA	12/17/2009	0	\$7,936.33	CM09500017	Good
140306	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	0	\$9,808.00	35239567	Good
140307	Thermo Environmental Instruments, Inc 49IPS-ANAA	2/3/2010	0	\$9,808.00	35239568	Good
140308	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	0	\$9,808.00	35239569	Good
140309	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	0	\$9,808.00	35239570	Good
140310	Thermo Environmental Instruments, Inc 49IPS-ANAA	12/17/2009	0	\$9,808.01	35239571	Good
14796	UltraSonic Bath 220	1/1/1980	30	\$500.00	A1162	Good
20552	Sencore LC 53	1/1/1980	30	\$350.00	3448433M	Good
21179	Dwyer Instruments Incline Manometer	3/15/1985	25	\$500.00	400-10	Good
26441	Aluma Tower	10/16/1987	23	\$1,100.00	n/a	Good
26880	Thermo Environmental Instruments, Inc 43A	1/1/1989	21	\$8,000.00	43A-22800-207	Good
30136	Aluma Tower T-135-35	11/21/1991	19	\$1,148.00	n/a	Good
30191	Easterline Angus Strip Chart Recorder	1/1/1980	30	\$1,000.00	n/a	Good
30253	Anderson 1200	8/6/1991	19	\$4,070.00	3834	Good
30277	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1991	19	\$9,020.00	1WC200J19M3022127	Good
30278	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1991	19	\$0.00	1WC200J10M3022128	Good
30279	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1991	19	\$9,020.00	1WC200J12M3022129	Good
30280	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1991	19	\$9,020.00	EW2011WC22129S	Good
30281	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1991	19	\$9,020.00	EW2011WC22131S	Good
31033	Aluma Tower	11/21/1991	19	\$1,148.00	na	Good
31034	Aluma Tower	11/21/1991	19	\$1,148.00	AT4794-C-11-8	Good
31036	Aluma Tower	11/21/1991	19	\$1,148.00	n/a	Good
31037	Aluma Tower	11/21/1991	19	\$1,148.00	n/a	Good
31096	Anderson	11/20/1991	19	\$0.00	5957	Good
31305	Wells Cargo EW2011 Air Monitoring Shelter	11/21/1991	19	\$9,020.00	1WC200JIXN302977	Good
34341	Wells Cargo EW2011 Air Monitoring Shelter	6/16/1993	17	\$9,080.00	1WC200J11P3025611	Good
7009	Locally Made trailer	1/1/1980	30	\$500.00	n/a	Good
87214	Aluma Tower T-135	10/19/1993	17	\$1,175.00	n/a	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
87215	Aluma Tower T-135	10/19/1993	17	\$1,175.00	n/a	Good
88409	Wells Cargo EW2011 Air Monitoring Shelter	12/12/1994	15	\$9,074.93	1WC200J1153030266	Good
88410	Wells Cargo EW2011 Air Monitoring Shelter	9/23/1994	16	\$0.00	1WC200J14R3028876	Good
89330	Wells Cargo EW2011 Air Monitoring Shelter	9/1/1994	16	\$9,500.00	n/a	Good
89660	Thermo Environmental Instruments, Inc 49	10/17/1994	16	\$6,100.00	49-50379-285	Good
89695	Aluma Tower	10/20/1994	16	\$1,300.00	n/a	Good
89696	Aluma Tower	10/20/1994	16	\$1,300.00	n/a	Good
89697	Aluma Tower T-135-35'	10/20/1994	16	\$1,300.00	n/a	Good
89717	Wells Cargo EW2011 Air Monitoring Shelter	8/15/1994	16	\$9,074.93	1WC200J16R3028877	Good
89762	Thermo Environmental Instruments, Inc 49	10/17/1994	16	\$6,641.00	49-50610-285	Good
89802	Bios DC-2	12/17/1994	15	\$3,185.73	B0255	Good
89803	Bios DC-2	12/17/1994	15	\$3,185.73	B0254	Good
89804	Bios DC-2	12/17/1994	15	\$3,185.74	B0252	Good
90423	Aadco Zero Air Generator	3/6/1995	15	\$3,660.00	65065301	Good
90534	Dell	2/6/1995	15	\$3,455.00	2Q70C	Good
90537	Hewlett Packard Laserjet 4	1/10/1995	15	\$1,679.17	USFC165836	Good
90594	Wells Cargo EW2011 Air Monitoring Shelter	1/10/1995	15	\$9,500.00	1WC200J10R3029641	Good
90611	Thermo Environmental Instruments, Inc 42C	5/17/1995	15	\$10,000.00	42C-52230-291	Good
90617	Thermo Environmental Instruments, Inc 111	5/17/1995	15	\$3,705.00	111-51222-287	Good
91043	R&P 1400A Continuous Particulate MonitorA	4/7/1995	15	\$17,430.00	140AA208239502	Good
91942	Wells Cargo Gas Cylinder Rack	12/6/1995	14	\$1,150.00	n/a	Good
91944	Wells Cargo Gas Cylinder Rack	12/6/1995	14	\$1,150.00	n/a	Good
91947	Wells Cargo Gas Cylinder Rack	12/6/1995	14	\$1,450.00	n/a	Good
92042	R&P 1400A Continuous Particulate Monitor	7/5/1995	15	\$17,158.00	140AA208699504	Good
92301	Met One Instruments Cup n Vane	4/30/2007	3	\$0.00		Good
92305	Met One Instruments	1/1/2001	9	\$0.00	n/a	Good
92307	Met One Instruments Cup 'n Vane	1/1/1991	19	\$750.00	n/a	Good
92309	Met One Instruments Cup 'n Vane	1/1/1991	19	\$750.00	NA	Good
92310	Met One Instruments Cup 'n Vane	1/1/1991	19	\$750.00	n/a	Good
92312	Met One Instruments Cup 'n Vane	1/1/1991	19	\$750.00	n/a	Good
92327	Zero Air	1/1/1995	15	\$3,660.00	95096101	Good
92727	Wells Cargo EW2011 Air Monitoring Shelter	10/2/1995	15	\$6,543.22	1WC200D1953033346	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
93279	Aluma Tower	9/1/1995	15	\$1,388.00	n/a	Good
93280	Aluma Tower	9/1/1995	15	\$1,388.00	n/a	Good
93281	Aluma Tower T-135	9/1/1995	15	\$1,388.00	n/a	Good
93289	NCI 124 3 Pen Chart Recorder	12/6/1995	14	\$2,983.90	CVO53828591	Good
93290	NCI 124 3 Pen Chart Recorder	12/6/1995	14	\$2,983.90	CVO881241300	Good
93291	NCI 124 3 Pen Chart Recorder	12/6/1995	14	\$2,983.90	CVO53828585	Good
93292	NCI 124 3 Pen Chart Recorder	12/6/1995	14	\$2,983.90	CVO53828588	Good
93302	R&P 1400A Continuous Particulate Monitor	9/25/1995	15	\$17,585.00	140AA208979504	Good
93303	R&P 1400A Continuous Particulate Monitor	9/25/1995	15	\$17,585.00	140AA208969506	Good
93309 or 93303	R&P 1400A Continuous Particulate MonitorA	9/25/1995	15	\$17,585.00	140AA208969506	Good
93603	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/24/1996	14	\$6,660.45	49C-53972-298	Good
93604	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/24/1996	14	\$6,660.45	49C-53973-298	Good
93605	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/24/1996	14	\$6,660.19	49C-54506-300	Good
93606	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	1/24/1996	14	\$7,758.49	49CPS-54198-299	Good
93607	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	1/24/1996	14	\$7,758.40	49CPS-54277-299	Good
93608	Thermo Environmental Instruments, Inc 42C	11/20/1995	15	\$9,159.26	42C-53822-297	Good
93609	Thermo Environmental Instruments, Inc 42C	11/20/1995	15	\$9,159.26	42C-53820-297	Good
93612	Thermo Environmental Instruments, Inc 111	11/20/1995	15	\$3,705.00	111-53807-297	Good
93786	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	n/a	Good
93787	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	n/a	Good
93792	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	n/a	Good
93793	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	n/a	Good
93795	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	NA	Good
93798	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	n/a	Good
93799	Met One Instruments Cup 'n Vane	1/1/1992	18	\$750.00	NA	Good
93874	Bios DC-2NSH	12/26/1995	14	\$0.00	B-398	Good
93875	Bios DC-2	12/26/1995	14	\$2,470.00	B399	Good
93876	Bios DC-2	12/26/1995	14	\$0.00	n/a	Good
93878	Bios DC-2	12/26/1995	14	\$2,470.00	B404	Good
93883	Wells Cargo EW2011 Air Monitoring Shelter	6/21/1996	14	\$9,381.00	1WC200J16T3034007	Good
93884	Wells Cargo EW2011 Air Monitoring Shelter	6/21/1996	14	\$9,381.00	1WC200J18T3034008	Good
94277	EKTO Continuous Particulate Monitor Enclosure	1/1/1997	13	\$6,000.00	2853-9	Good

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95757	Rittal	4/15/1996	14	\$1,114.31	4418-210-7565	Good
96238	EMC SM2000	3/13/1997	13	\$1,815.00	195	Good
96282	Mettler	4/1/1997	13	\$9,608.75	1115282625	Good
97021	Thermo Environmental Instruments, Inc 49C O3 Analyzer	10/15/1996	14	\$6,700.00	49C-56105-309	Good
97022	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56684-309	Good
97023	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.00	49CPS-56681-309	Good
97024	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56677-309	Good
97025	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56678-309	Good
97026	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56679-309	Good
97027	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56680-309	Good
97028	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56682-309	Good
97029	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	10/15/1996	14	\$8,039.85	49CPS-56688-309	Good
98018	Dell Latitude 133	6/24/1997	13	\$3,219.00	8W2BC	Good
98852	EMC SM2000	10/20/1997	13	\$4,494.00	322	Good
99069	Bios DC-2	2/3/1998	12	\$3,638.89	B-678	Good
99070	Bios DC-2	2/3/1998	12	\$3,638.88	B680	Good
99291	Met One Instruments Cup n Vane	1/1/1990	20	\$750.00		Good
99519	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	12/28/1997	12	\$7,946.00	49CPS-59718-324	Good
99520	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	12/28/1997	12	\$7,946.00	49CPS-59698-324	Good
99521	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	12/28/1997	12	\$7,946.00	49CPS-59675-324	Good
99721	Thermo Environmental Instruments, Inc 49C O3 Analyzer	12/28/1997	12	\$7,946.00	49C-59678-324	Good
99722	Thermo Environmental Instruments, Inc 49C O3 Analyzer	12/28/1997	12	\$6,500.00	49C-59677-324	Good
99723	Thermo Environmental Instruments, Inc 49C O3 Analyzer	12/28/1997	12	\$7,946.00	49C-59699-324	Good
99763	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59515-323	Good
99764	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59516-323	Good
99765	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59527-323	Good
99766	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59528-323	Good
99767	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59529-323	Good
99768	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59530-323	Good
99769	Thermo Environmental Instruments, Inc 49C O3 Analyzer	1/20/1998	12	\$6,500.00	49C-59562-323	Good
99770	Thermo Environmental Instruments, Inc 49CPS O3 Calibrator	1/20/1998	12	\$7,946.00	49CPS-59750-324	Good
99771	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	1/20/1998	12	\$8,686.00	43C-59308-322	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
99772	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	1/20/1998	12	\$8,686.00	43C-59325-322	Good
99773	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	1/20/1998	12	\$8,686.00	43C-59343-322	Good
99774	Thermo Environmental Instruments, Inc 43C SO2 Analyzer	1/20/1998	12	\$8,686.00	43C-59344-322	Good
99914	Wells Cargo EW2011 Air Monitoring Shelter	3/25/1998	12	\$9,930.00	1WC200J11W3039118	Good
BL605002	Wells Cargo EW2011 Air Monitoring Shelter	7/15/1993	17	\$9,500.00	1WC200J3P3025612	Good
BL605005	Wells Cargo EW2011 Air Monitoring Shelter	5/2/2000	10	\$10,188.00	1WC200J19Y3043548	Good
BL605006	Wells Cargo EW2011 Air Monitoring Shelter	5/1/2000	10	\$10,188.00	1WC200J17Y3043547	Good
BL605007	Wells Cargo EW2011 Air Monitoring Shelter	5/15/2000	10	\$10,188.00	1WC200J17Y3043550	Good
BL605008	Wells Cargo EW2011 Air Monitoring Shelter	7/10/2000	10	\$10,188.00	1WC200J10Y3043552	Good
BL605009	Wells Cargo EW2011 Air Monitoring Shelter	5/15/2000	10	\$10,188.00	1WC200J13Y3043445	Good
BL605010	Wells Cargo EW2011 Air Monitoring Shelter	5/2/2000	10	\$10,188.00	1WC200J19Y3043551	Good
BL605011	Wells Cargo EW2011 Air Monitoring Shelter	5/2/2000	10	\$10,188.00	1WC200J14Y3043554	Good
BL605012	Wells Cargo EW2011 Air Monitoring Shelter	4/17/2000	10	\$10,188.00	1WC200J10Y3043549	Good
BL605013	Wells Cargo EW2011 Air Monitoring Shelter	6/12/2000	10	\$10,188.00	NEED VIN #	Good
BL605014	Wells Cargo EW2011 Air Monitoring Shelter	6/26/2000	10	\$10,188.00		Good
BL605015	Wells Cargo EW2011 Air Monitoring Shelter	7/10/2000	10	\$10,188.00	1WC200J18Y3043556	Good
BL605016	Wells Cargo EW2011 Air Monitoring Shelter	7/31/2000	10	\$10,188.00	4913	Good
BL605017	Wells Cargo EW2011 Air Monitoring Shelter	10/2/2000	10	\$10,188.00	1WC200J16Y3043555	Good
BL605018	Wells Cargo EW2011 Air Monitoring Shelter	9/20/2000	10	\$10,188.00	1WC200J15Y3043546	Good
BL605019	Wells Cargo EW2011 Air Monitoring Shelter	10/4/2000	10	\$9,094.00	1WC200J19S3043730	Good
BL605020	Wells Cargo EW2011 Air Monitoring Shelter	10/4/2000	10	\$9,094.00	1WC200E1XY3043732	Good
BL605022	EKTO Continuous Particulate Monitor Enclosure 432SP	5/25/2006	4	\$5,875.00	3695-7	Good
DEP05552	Ford Expedition	6/30/2006	4	\$23,303.15	1FMPU15586LA93463	Good
EP003513	Ford F150 Pickup	4/9/1995	15	\$18,249.60	1FTEX15H8SKB42366	Good
EP003904	Ford Expedition	5/28/1997	13	\$25,483.00	1FMEU17L2VLB74797	Good
EP004535	Ford Expedition	5/3/1999	11	\$24,819.00	1FMRU17L3XLB52263	Good
EP004536	Ford Expedition	5/3/1999	11	\$24,819.00	1FMRU17L1XLB52262	Good
EP005160	Dodge 2500	4/30/2001	9	\$20,198.00	1B7KC23W71J589281	Good
EP005403	Ford Explorer	6/26/2002	8	\$22,224.15	1FMZU62K92UD22950	Good
EP6107	Ford Van	5/18/2005	5	\$16,887.00	1FTNE24WX6HA07775	Good
EP6108	Ford Van	5/18/2005	5	\$16,887.00	1FTNE24W16HA07776	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A203949806	Good

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EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A208909806	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205329807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205739807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205699807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A203869806	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A202709805	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205669807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205609807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	1/1/1998	12	\$0.00	2025A205629807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A-20541-9807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A203629806	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205379807	Good
EPA Supplied	Met One Instruments	1/1/2003	7	\$0.00	A2592	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	9/1/1998	12	\$0.00	2025A205639807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205389807	Good
EPA Supplied	Met One Instruments SASS	1/1/2003	7	\$0.00	A2593	Good
EPA Supplied	BGI Incorporated	7/29/2009	1	\$0.00	620	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205579807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A202699805	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	8/1/1998	12	\$0.00	2025A205719807	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	7/1/1998	12	\$0.00	2025A208369806	Good
EPA Supplied	R&P Partisol 2025 FRM Particulate Monitor	9/1/1998	12	\$0.00	2025A205759808	Good
EPA Supplied	RADNET - HVP - 4004BRL - S	7/29/2009	1	\$0.00	18603	Good
EPA supplied	URG - 3000	7/29/2009	1	\$0.00	3N-B0724	Good
EPO04165	Ford Expedition	5/10/1998	12	\$24,867.00	1FMRU17L4WLB64257	Good
ER015197	Locally Made	6/30/1980	30	\$2,000.00	T# DNR-2096	Good
ER015800	Nikon Camera 35mm	12/31/1980	29	\$1,803.88	3033	Good
ER020447	Aadco	12/5/1984	25	\$4,265.97	838	Good
ER022190	Portable Generator #4500	9/11/1985	25	\$1,187.95	1053765	Good
ER026442	Aluma Tower	10/16/1987	23	\$1,000.25	n/a	Good
ER026635	Panasonic AG-1000	2/9/1988	22	\$546.00	F7TB001044	Good
ER027456	Hewlett Packard 6114A	12/5/1988	21	\$1,900.00	2650A05563	Good

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Property No.	Description	Acquisition Date	Age	Initial Cost	Serial Number	Condition
ER031217	Wells Cargo EW2011 Air Monitoring Shelter	1/31/1992	18	\$8,991.03	1WC200J12N3022729	Good
ERO17411	Hastings Mass Flow Meter	5/31/1983	27	\$1,281.35	0-13344	Good
ERO20029	Dasibi 1009			\$6,900.00	133	Good
ERO20181	LAB Cabinets	9/13/1984	26	\$1,005.33	n/a	Good
ERO20446	Aadco Zero Air Generator	12/5/1984	25	\$4,265.97	837	Good
ERO27859	Hewlett Packard	3/6/1989	21	\$810.00	2304A47503	Good
ERO27867	Sencore LC-77	12/15/1988	21	\$1,604.96	6037469-R15	Good
ERO28016	Dasibi 5009	5/1/1989	21	\$9,000.00	254	Good
ERO30020	Hewlett Packard 6114A	5/7/1991	19	\$2,250.00	3104AU6244	Good
ERO30043	Dasibi 5008	6/10/1991	19	\$11,725.00	62	Good
ERO30204	Thermo Environmental Instruments, Inc 49	9/3/1991	19	\$6,174.00	49-34655-248	Good
ERO30207	Thermo Environmental Instruments, Inc 49	9/24/1991	19	\$6,174.00	49-34938-249	Good
ERO30208	Thermo Environmental Instruments, Inc 49	9/14/1991	19	\$6,174.00	49-35020-249	Good
ERO31035	Aluma Tower T-135	11/21/1991	19	\$1,148.00	n/a	Good
ERO31406	AIR AIR-HB-1A	1/1/1992	18	\$700.00	2D2049	Good
ERO31778	UNGAR	5/27/1992	18	\$1,161.93	n/a	Good
ERO32932	Aadco	2/10/1993	17	\$4,911.94	2139	Good
ERO34125	Mettler Balance - Micro CAHN 25	10/31/1982	28	\$4,200.00	52	Good
Forest Service	R&P 1400A Continuous Particulate MonitorA			\$0.00	140AA208879505	Good
Forest Service	R&P 1400A Continuous Particulate MonitorA	1/4/2008	2	\$0.00	140AA208999506	Good
Forest Service	Thermo Environmental Instruments, Inc 1400ab	2/3/2009	1	\$0.00	1400ab273530810	Good
Forest Service	R&P 1400AB Continuous Particulate Monitor	12/10/2007	2	\$0.00	140AB268560709	Good