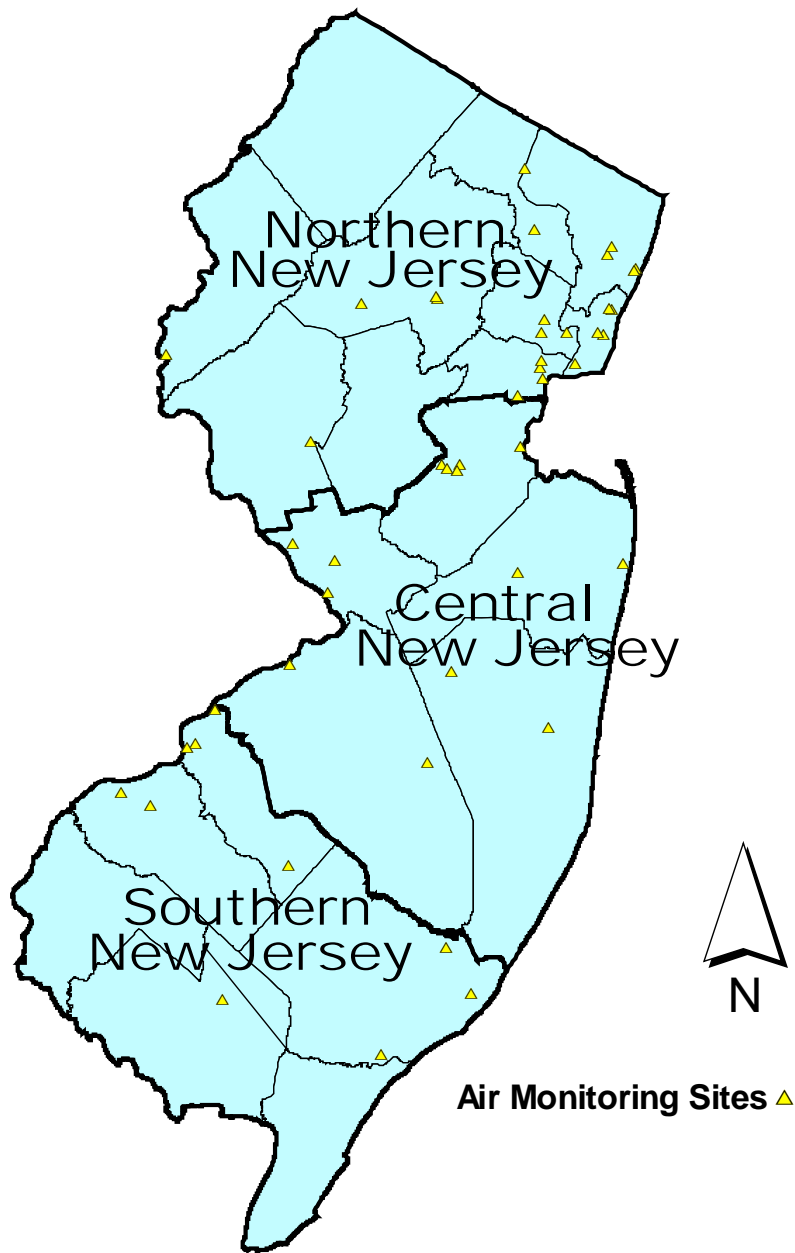




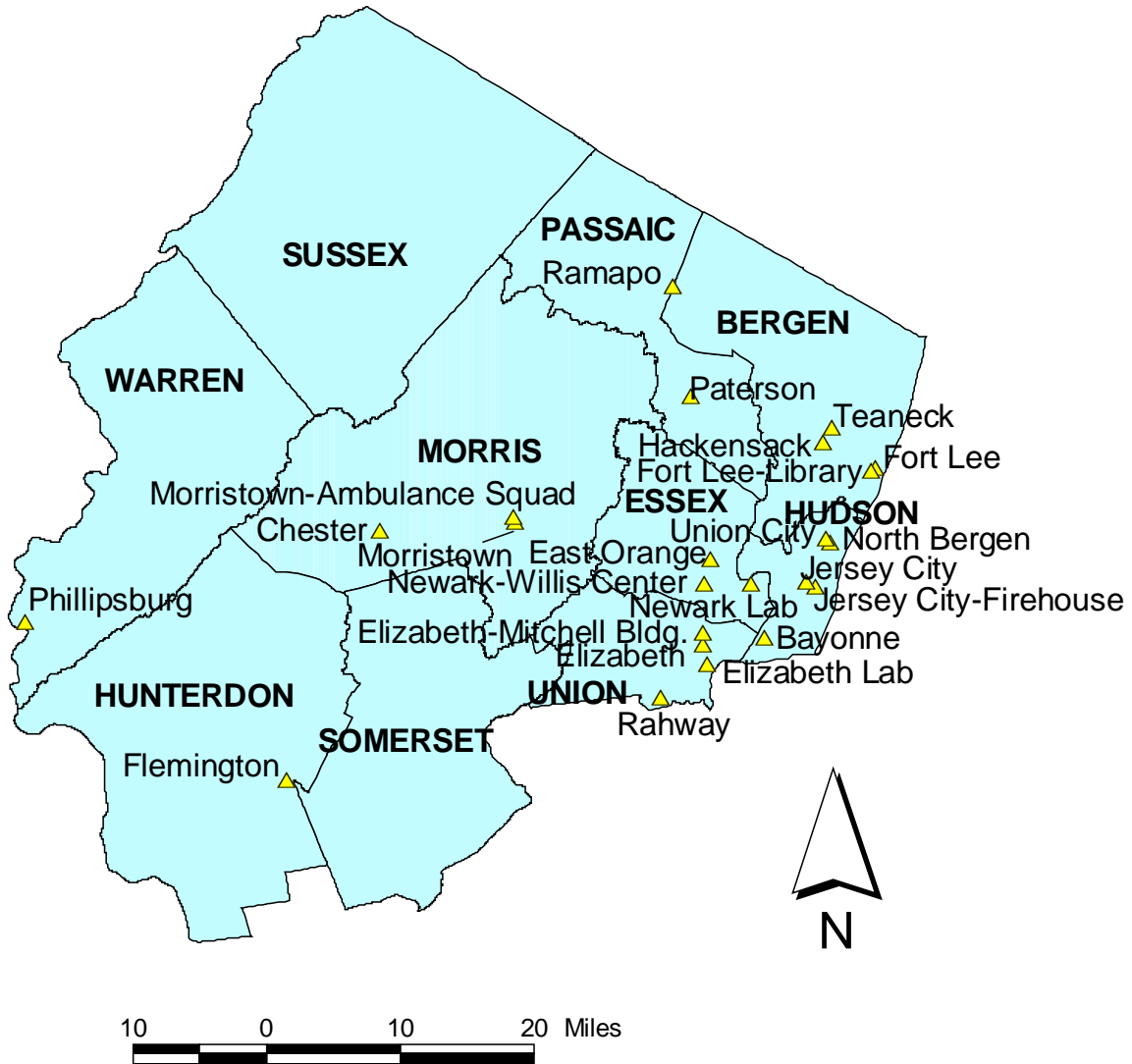
# Appendix A

## 2002 Air Monitoring Sites

New Jersey Department of Environmental Protection



**Figure 1**  
**Northern New Jersey**  
**Air Monitoring Sites**

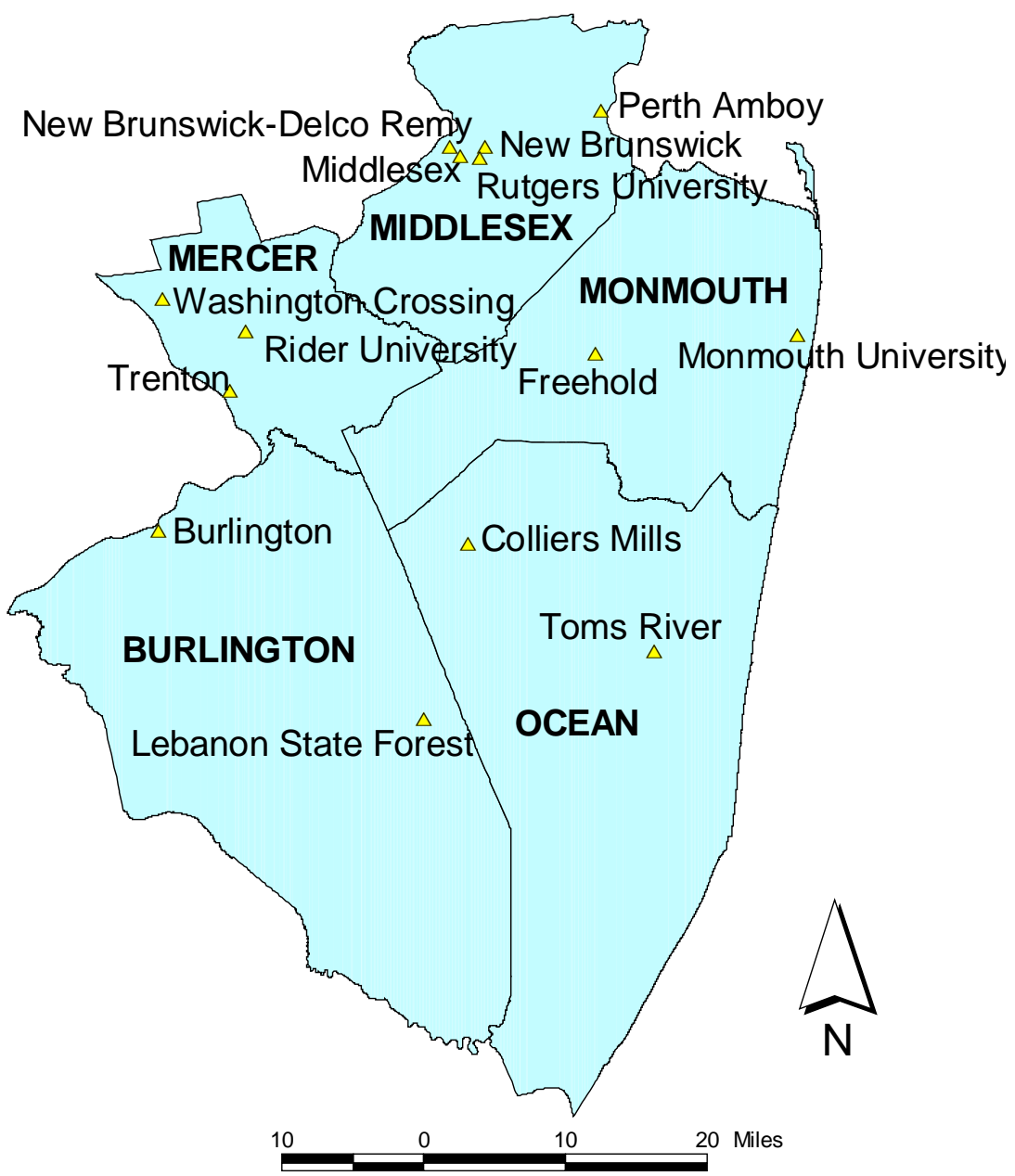


**Table 1  
Northern New Jersey Air Monitoring Sites**

County	Monitoring Site	AIRS Codes	Parameter(s) Measured <sup>1</sup>	Coordinates (Degrees-minutes-seconds)		Address
				Latitude	Longitude	
<b>BERGEN</b>	Fort Lee	34 003 0004	CO, TEOM, PM <sub>10</sub> , ACID	40 51 16	73 58 04	Lemoine Avenue Overpass over I-95
	Fort Lee-Library	34 003 0003	PM <sub>2.5</sub>	40 51 07	73 58 21	Fort Lee Public Library, 320 Main Street
	Hackensack	34 003 5001	CO, SO <sub>2</sub> , SS	40 51 59	74 02 28	133 River St. near Moore & Mercer Streets
	Teaneck	34 003 0005	NO <sub>x</sub> , O <sub>3</sub>	40 53 55	74 01 48	1000 River Road, Fairleigh Dickinson University
<b>ESSEX</b>	East Orange	34 013 1003	CO, NO <sub>x</sub> , MET	40 45 22	74 12 13	Engine No. 2, Main Street & Greenwood
	Newark Lab	34 013 0016	CO, NO <sub>x</sub> , O <sub>3</sub> , SO <sub>2</sub> , SS, TEOM, PM <sub>2.5</sub> , PM <sub>10</sub>	40 43 49	74 08 47	East Ferry & Lexington St.
	Newark-Willis Center	34 013 0015	PM <sub>2.5</sub>	40 43 49	74 12 46	Mary Willis Cultural Center 447 18 <sup>th</sup> Ave.
<b>HUDSON</b>	Bayonne	34 017 0006	NO <sub>x</sub> , O <sub>3</sub> , SO <sub>2</sub>	40 40 13	74 07 35	Veterans Park, 25 <sup>th</sup> St. near Park Road
	Jersey City	34 017 1002	CO, SO <sub>2</sub> , SS	40 43 54	74 03 60	2828 Kennedy Blvd.
	Jersey City-Firehouse	34 017 1003	PM <sub>2.5</sub> , PM <sub>10</sub>	40 43 32	74 03 09	Firehouse, 355 Newark Ave.
	North Bergen	34 017 5002	CO	40 46 42	74 02 21	8511 Tonnelle Ave.
	Union City	34 017 2002	PM <sub>2.5</sub>	40 46 25	74 01 53	Health Department, 714 31 <sup>st</sup> Street
<b>HUNTERDON</b>	Flemington	34 019 0001	O <sub>3</sub> , SS, MET	40 30 56	74 48 26	Raritan Twp. Sewage Treatment Plant, Three Bridges
<b>MORRIS</b>	Chester	34 027 3001	NO <sub>x</sub> , O <sub>3</sub> , SO <sub>2</sub> , MET, PM <sub>2.5</sub> , TOXICS	40 47 16	74 40 34	Bldg. #1, Lucent Tech., Route 513
	Morristown	34 027 0003	CO, SS	40 47 51	74 28 57	11 Washington St.
	Morristown-Ambulance Squad	34 027 0004	PM <sub>2.5</sub>	40 48 06	74 29 02	Ambulance Squad, 16 Early St.
<b>PASSAIC</b>	Paterson	34 031 0005	PM <sub>2.5</sub>	40 55 60	74 13 52	Health Department, 176 Broadway Ave.
	Ramapo	34 031 5001	O <sub>3</sub>	41 03 08	74 15 23	Access Road, off Skyline Drive, Wanaque Borough
<b>UNION</b>	Elizabeth	34 039 0003	CO, SO <sub>2</sub> , SS	40 39 45	74 12 53	7 Broad St.
	Elizabeth Lab	34 039 0004	CO, NO <sub>x</sub> , SO <sub>2</sub> , SS, TEOM, MET, PM <sub>2.5</sub> , PM <sub>10</sub> , ACID, TOXICS	40 38 29	74 12 30	Interchange 13, NJTP
	Elizabeth-Mitchell Building	34 039 0006	PM <sub>2.5</sub>	40 40 35	74 12 52	Mitchell Bldg., 500 North Broad Street
	Rahway	34 039 2003	PM <sub>2.5</sub>	40 36 22	74 16 30	Fire Dept. Bldg., 1300 Main Street
<b>WARREN</b>	Phillipsburg	34 041 0006	PM <sub>2.5</sub>	40 41 08	75 10 53	Municipal Bldg., 675 Corliss Avenue

<sup>1</sup> See Parameter Codes, Table 4 (page Appendix A-8)

**Figure 2**  
**Central New Jersey Air**  
**Monitoring Sites**

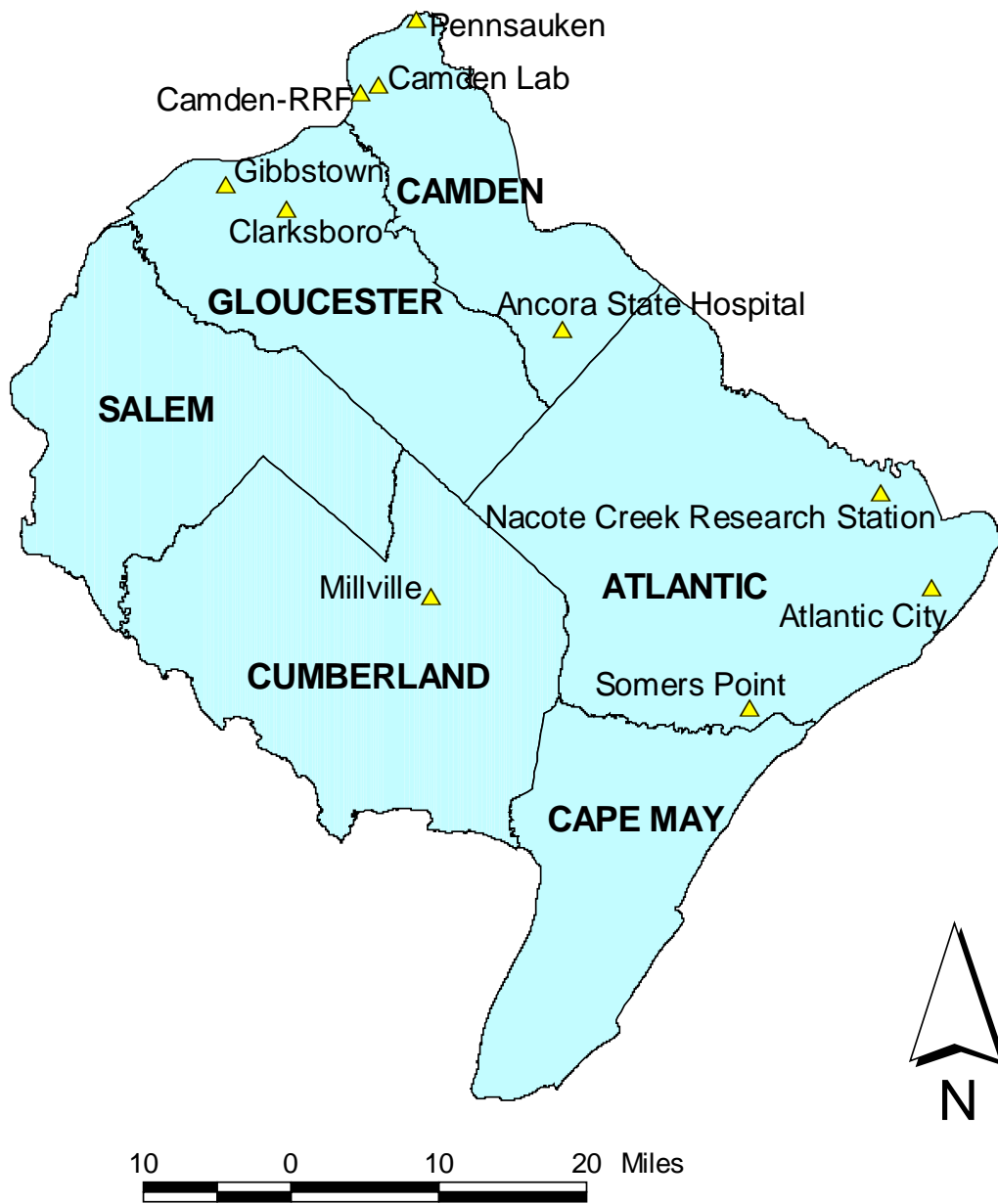


**Table 2  
Central New Jersey Air Monitoring Sites**

County	Monitoring Site	AIRS Codes	Parameter(s) Measured <sup>1</sup>	Coordinates (Degrees-minutes-seconds)		Address
				Latitude	Longitude	
<b>BURLINGTON</b>	Burlington	34 005 1001	CO, SO <sub>2</sub> , SS	40 04 41	74 51 28	1 East Broad Street
	Lebanon State Forest	N/A	ACID	39 53 08	74 30 18	Lebanon State Forest
<b>MERCER</b>	Rider University	34 021 0005	NO <sub>x</sub> , O <sub>3</sub> , PAMS, MET	40 16 59	74 44 34	Athletic Fields, Route 206 South, Lawrenceville
	Trenton	34 021 0008	PM <sub>2.5</sub> , PM <sub>10</sub>	40 13 18	74 45 47	Trenton Library, 120 Academy Street
	Washington Crossing	34 021 8001	PM <sub>2.5</sub> , ACID	40 18 56	74 51 14	Washington Crossing State Park, off Church Road, Titusville
<b>MIDDLESEX</b>	Middlesex	34 023 8001	CO	40 27 49	74 27 22	Georges Road, west of Route 1 Circle
	New Brunswick	34 023 0006	TEOM, PM <sub>2.5</sub> , TOXICS	40 28 22	74 25 21	Cook College, Log Cabin Road
	New Brunswick-Delco Remy	34 023 1003	Pb, TSP	40 28 23	74 28 14	12 <sup>th</sup> Street & Livingston Avenue
	Perth Amboy	34 023 2003	CO, SO <sub>2</sub> , SS	40 30 32	74 16 06	130 Smith Street, Perth Amboy
	Rutgers University	34 023 0011	NO <sub>x</sub> , O <sub>3</sub> , MET, PAMS	40 27 43	74 25 47	Horticultural Farm #3, off Ryder's Lane, New Brunswick
<b>MONMOUTH</b>	Freehold	34 025 2001	CO, SS	40 15 36	74 16 29	5 West Main Street
	Monmouth University	34 025 0005	O <sub>3</sub>	40 16 40	74 00 18	Edison Science Bldg., West Long Branch
<b>OCEAN</b>	Colliers Mills	34 029 0006	O <sub>3</sub>	40 03 53	74 26 43	Colliers Mills Wildlife Management Area
	Toms River	34 029 2002	PM <sub>2.5</sub>	39 57 13	74 11 53	Elementary School, 1517 Hooper Avenue

<sup>1</sup> See Parameter Codes, Table 4 (page Appendix A-8)

**Figure 3**  
**Southern New Jersey**  
**Air Monitoring Sites**



**Table 3  
Southern New Jersey Air Monitoring Sites**

County	Monitoring Site	AIRS Codes	Parameter(s) Measured <sup>1</sup>	Coordinates (Degrees-minutes-seconds)		Address
				Latitude	Longitude	
<b>ATLANTIC</b>	Atlantic City	34 001 1006	PM <sub>2.5</sub> , PM <sub>10</sub>	39 25 56	74 23 41	1433 Bacharach Blvd., Atlantic City
	Nacote Creek Research Station	34 001 0005	O <sub>3</sub> , SO <sub>2</sub>	39 31 32	74 27 34	Brigantine National Wildlife Refuge near Smithville
	Somers Point	34 001 0009	NO <sub>x</sub> , SO <sub>2</sub>	39 18 49	74 37 25	Somers Point Marina, Woodland & Harlan Ave.
<b>CAMDEN</b>	Ancora State Hospital	34 007 1001	CO, O <sub>3</sub> , SO <sub>2</sub> , ACID	39 41 05	74 51 42	Ancora State Hospital, Winslow Twp.
	Camden Lab	34 007 0003	CO, NO <sub>x</sub> , O <sub>3</sub> , SO <sub>2</sub> , SS, TEOM, MET, PAMS, PM <sub>2.5</sub> , ACID, TOXICS	39 55 22	75 05 49	1667 Davis Street, corner of Copewood St.
	Camden-RRF	34 007 0009	PM <sub>10</sub>	39 54 54	75 07 10	Camden RRF, Morgan Blvd. & I-676
	Pennsauken	34 007 1007	PM <sub>2.5</sub>	39 59 19	75 02 60	9800 Zimmerman Ave, near Griffith-Morgan Lane
<b>CUMBERLAND</b>	Millville	34 012 0007	NO <sub>x</sub> , O <sub>3</sub> , SO <sub>2</sub>	39 25 20	75 01 31	Lincoln Avenue & Route 55
<b>GLOUCESTER</b>	Clarksboro	34 015 5001	O <sub>3</sub> , SO <sub>2</sub>	39 48 02	75 12 46	Clarksboro Shady Lane Rest Home, County House Road
	Gibbstown	34 015 0002	PM <sub>2.5</sub>	39 49 30	75 17 21	420 Washington Street

<sup>1</sup> See Parameter Codes, Table 4 (page Appendix A-8)

**Table 4  
Parameter Codes**

ACID	Acid Deposition	PM <sub>2.5</sub>	Fine Particles (2.5 Microns or less) collected by a Federally Approved Manual PM <sub>2.5</sub> Sampler
CO	Carbon Monoxide	TEOM	Continuous PM <sub>2.5</sub> Analyzer
MET	Meteorological Parameters	SO <sub>2</sub>	Sulfur Dioxide
NO <sub>x</sub>	Nitrogen Dioxide and Nitric Oxide	SS	Smoke Shade
O <sub>3</sub>	Ozone	Pb	Lead
PAMS	Photochemical Assessment Monitoring Station	TOXICS	Air Toxics
PM <sub>10</sub>	Coarse Particles (10 Microns or less) collected by a Federally Approved Manual PM <sub>10</sub> Sampler	TSP	Total Suspended Particulate