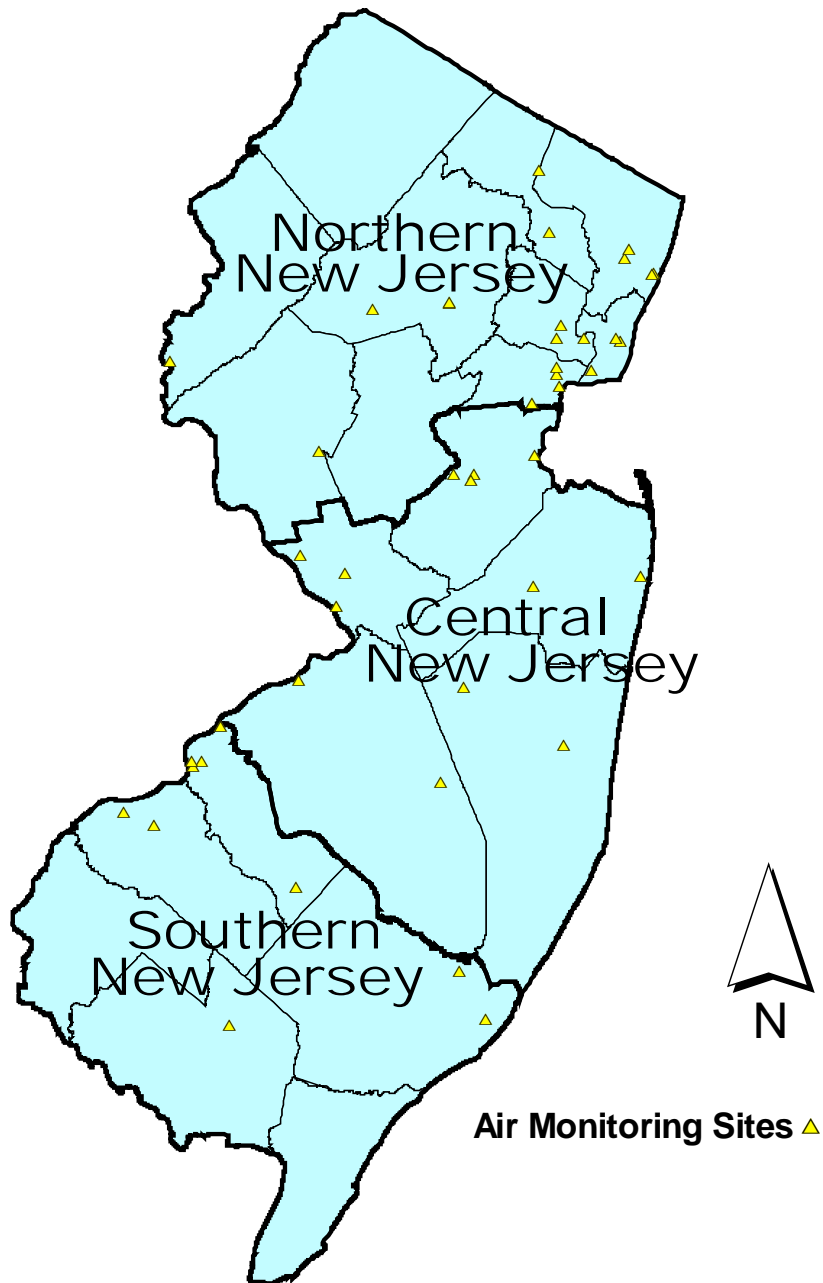




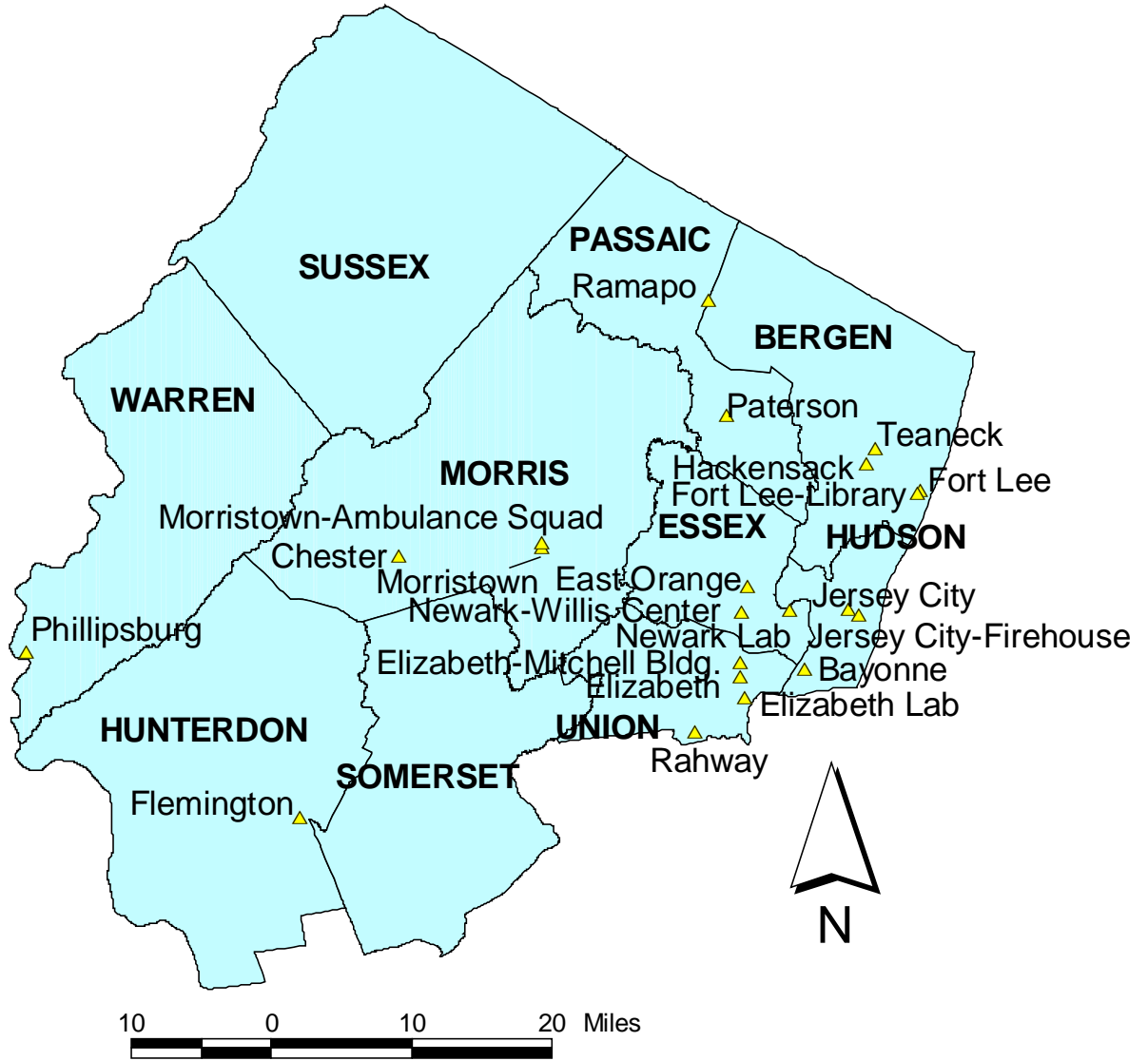
Appendix A

2003 Air Monitoring Sites

New Jersey Department of Environmental Protection



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

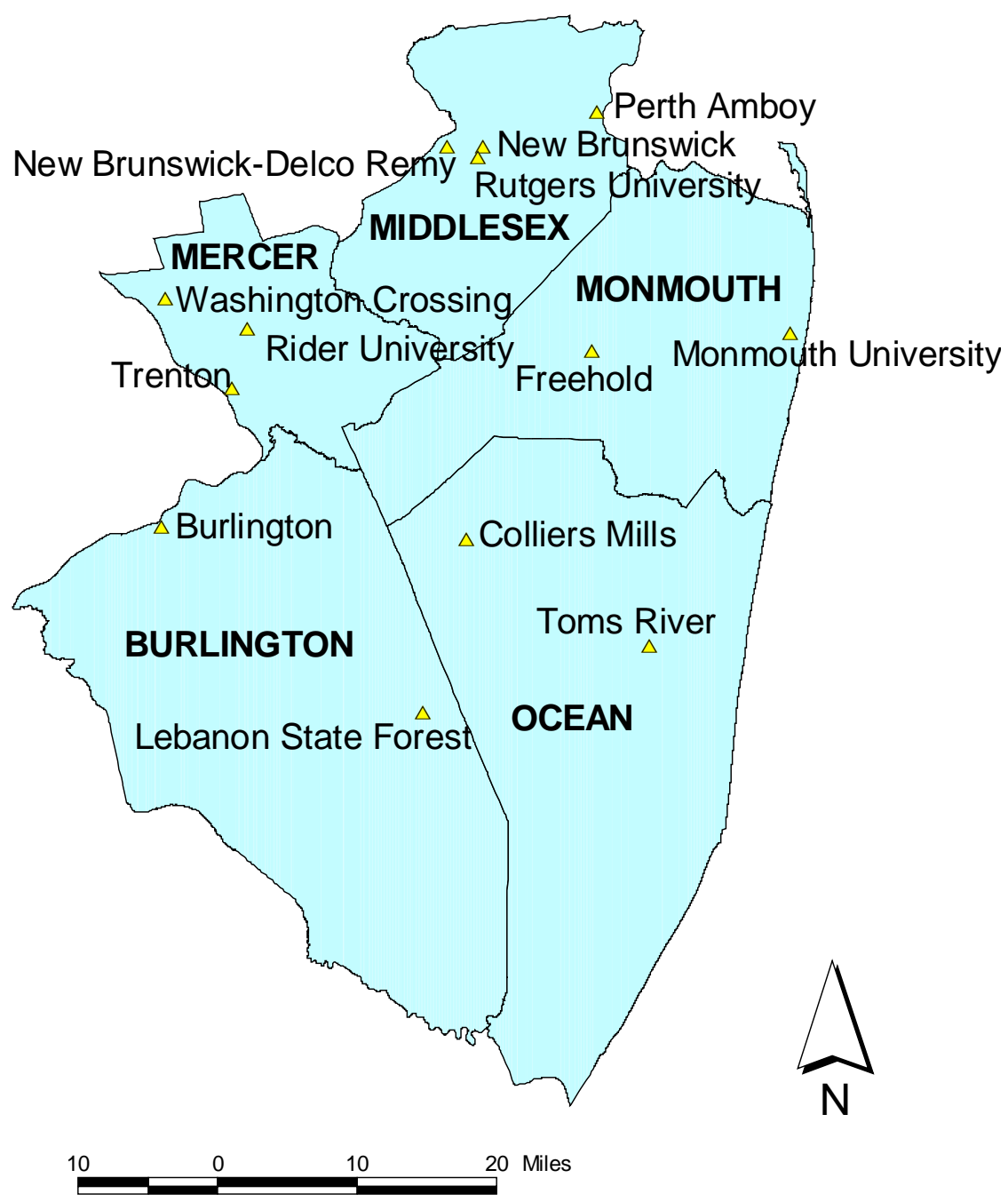


**Table 1
Northern New Jersey Air Monitoring Sites**

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

¹ See Parameter Codes, Table 4 (page Appendix A-8)

Figure 2
Central New Jersey Air
Monitoring Sites

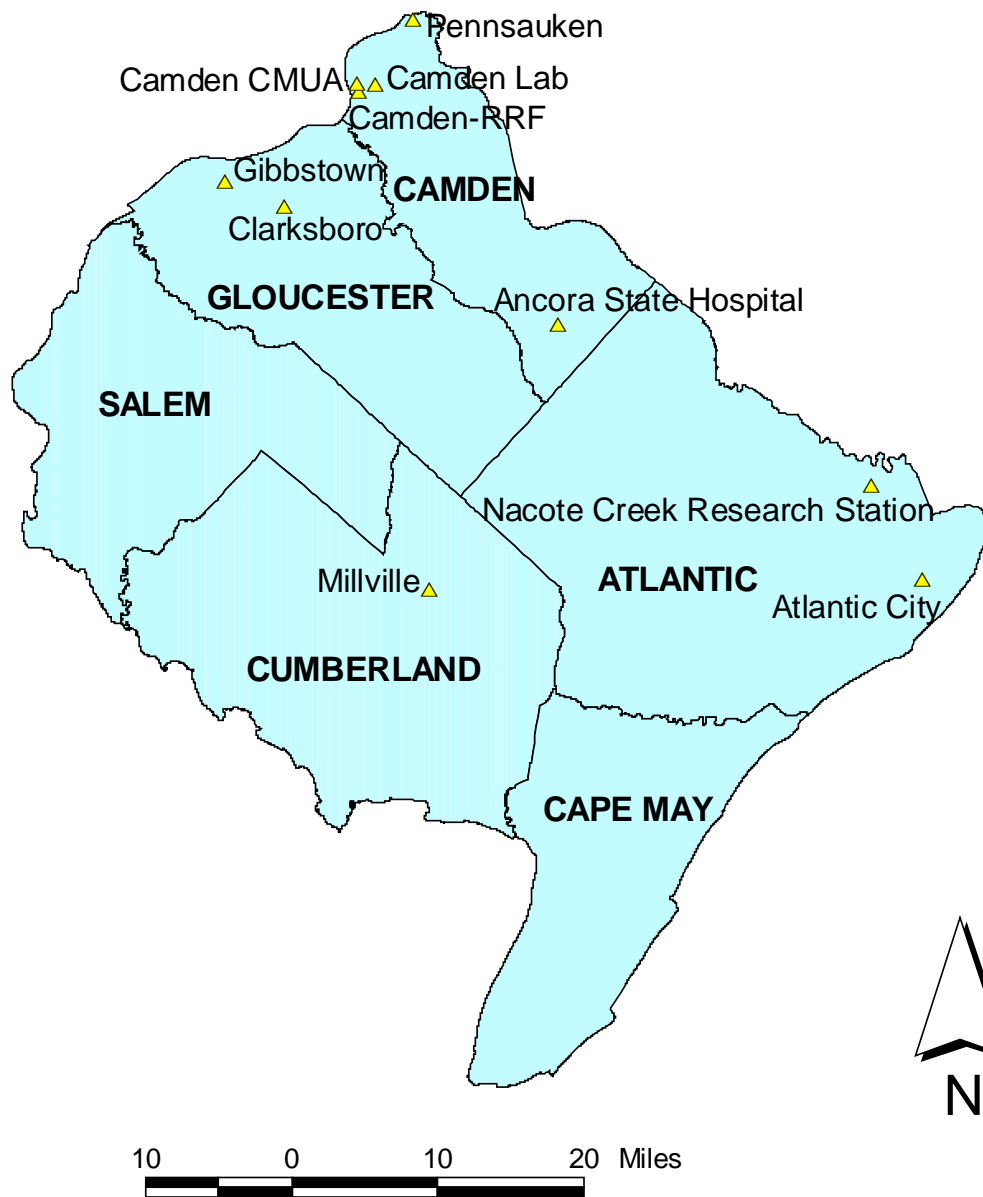


**Table 2
Central New Jersey Air Monitoring Sites**

County	Monitoring Site	AIRS Codes	Parameter(s) Measured ¹	Coordinates (Degrees-minutes-seconds)		Address
				Latitude	Longitude	
BURLINGTON	Burlington	34 005 1001	CO, SO ₂ , 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
MERCER	Rider University	34 021 0005	NO _x , O ₃ , PAMS, MET	40 16 59	74 44 34	Athletic Fields, Route 206 South, Lawrenceville
	Trenton	34 021 0008	PM _{2.5} , PM ₁₀	40 13 18	74 45 47	Trenton Library, 120 Academy Street
	Washington Crossing	34 021 8001	PM _{2.5} , ACID	40 18 56	74 51 14	Washington Crossing State Park, off Church Road, Titusville
MIDDLESEX	New Brunswick	34 023 0006	TEOM, PM _{2.5} , 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 th Street & Livingston Avenue
	Perth Amboy	34 023 2003	CO, SO ₂ , SS	40 30 32	74 16 06	130 Smith Street, Perth Amboy
	Rutgers University	34 023 0011	NO _x , O ₃ , MET, PAMS	40 27 43	74 25 47	Horticultural Farm #3, off Ryder's Lane, New Brunswick
MONMOUTH	Freehold	34 025 2001	CO, SS	40 15 36	74 16 29	5 West Main Street
	Monmouth University	34 025 0005	O ₃	40 16 40	74 00 18	Edison Science Bldg., West Long Branch
OCEAN	Colliers Mills	34 029 0006	O ₃	40 03 53	74 26 43	Colliers Mills Wildlife Management Area
	Toms River	34 029 2002	PM _{2.5}	39 57 13	74 11 53	Elementary School, 1517 Hooper Avenue

¹ 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 ¹	Coordinates (Degrees-minutes-seconds)		Address
				Latitude	Longitude	
ATLANTIC	Atlantic City	34 001 1006	PM _{2.5} , PM ₁₀	39 25 56	74 23 41	1433 Bacharach Blvd., Atlantic City
	Nacote Creek Research Station	34 001 0005	O ₃ , SO ₂	39 31 32	74 27 34	Brigantine National Wildlife Refuge near Smithville
CAMDEN	Ancora State Hospital	34 007 1001	CO, O ₃ , SO ₂ , ACID	39 41 05	74 51 42	Ancora State Hospital, Winslow Twp.
	Camden CMUA	N/A	TEOM	39 55 25	75 07 20	1645 Ferry Avenue, Camden County Sewage Treatment Plant
	Camden Lab	34 007 0003	CO, NO _x , O ₃ , SO ₂ , SS, TEOM, MET, PAMS, PM _{2.5} , ACID, TOXICS	39 55 22	75 05 49	1667 Davis Street, corner of Copewood St.
	Camden-RRF	34 007 0009	PM ₁₀	39 54 54	75 07 10	Camden RRF, Morgan Blvd. & I-676
	Pennsauken	34 007 1007	PM _{2.5}	39 59 19	75 02 60	9800 Zimmerman Ave, near Griffith-Morgan Lane
CUMBERLAND	Millville	34 011 0007	NO _x , O ₃ , SO ₂	39 25 20	75 01 31	Lincoln Avenue & Route 55
GLOUCESTER	Clarksboro	34 015 0002	O ₃ , SO ₂	39 48 02	75 12 46	Clarksboro Shady Lane Rest Home, County House Road
	Gibbstown	34 015 5001	PM _{2.5}	39 49 30	75 17 21	420 Washington Street

¹ See Parameter Codes, Table 4 (page Appendix A-8)

**Table 4
Parameter Codes**

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