



Appendix A

2005 Air Monitoring Sites

New Jersey Department of Environmental Protection

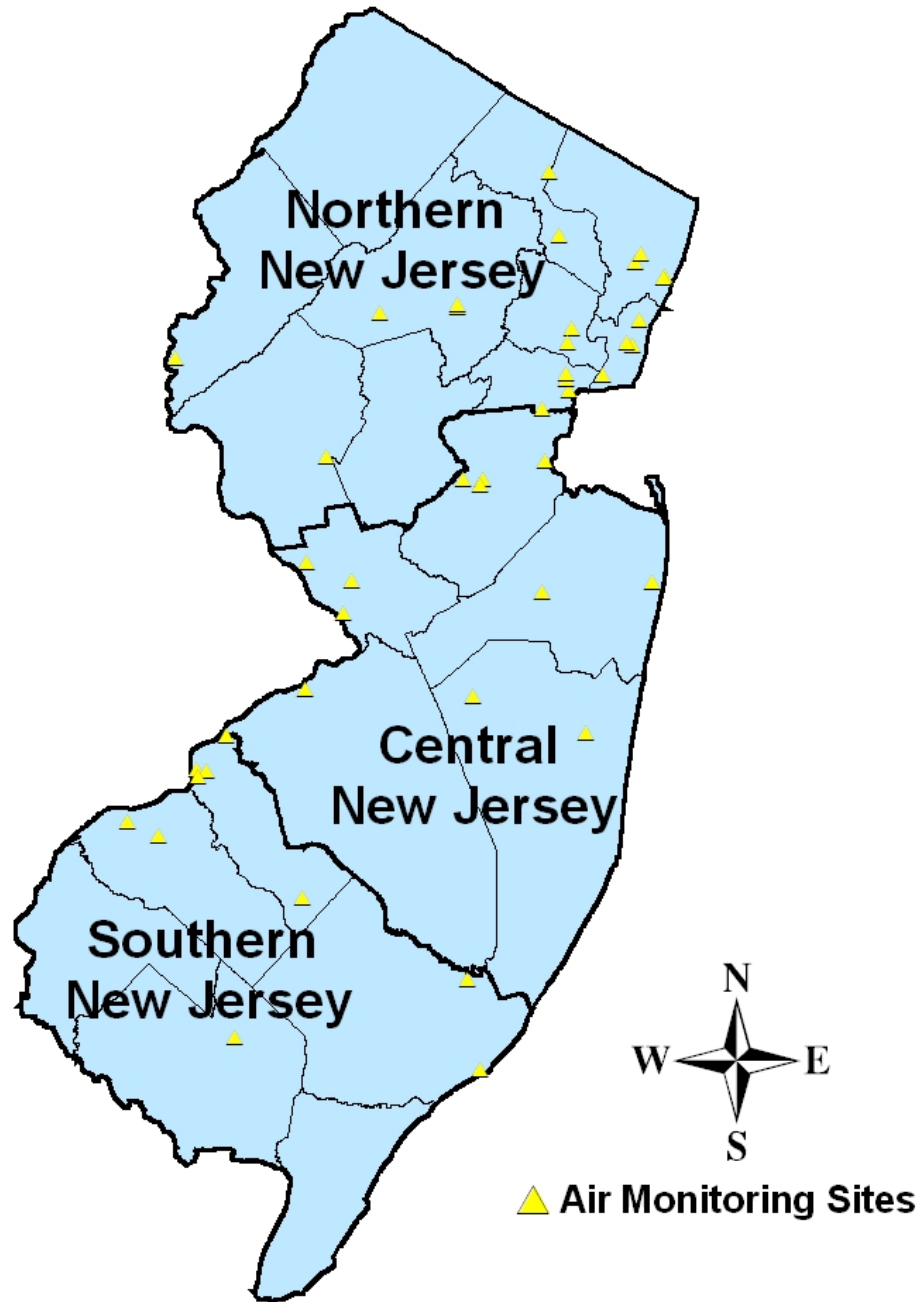
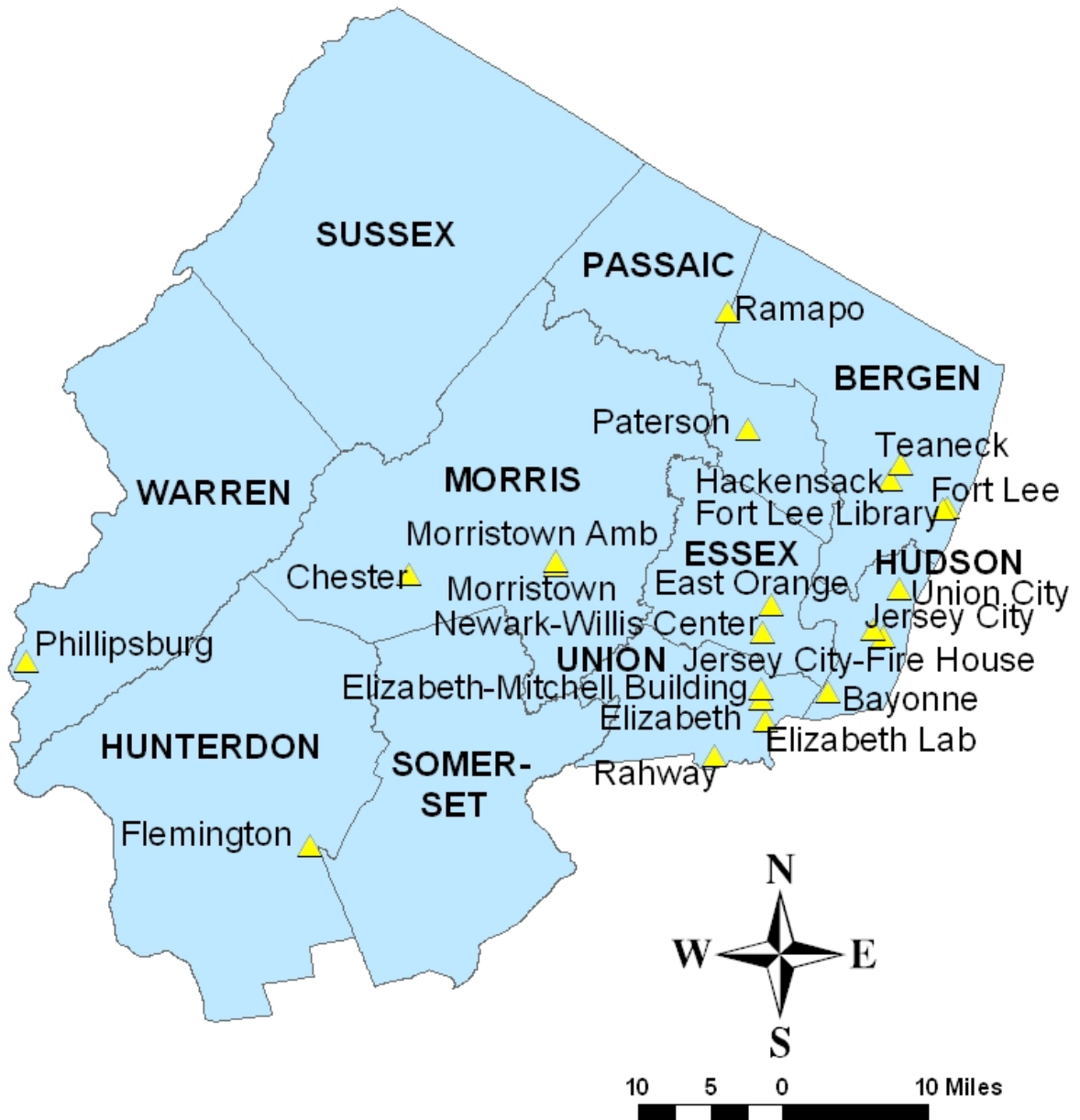


Figure 1
Northern New Jersey
Air Monitoring Sites

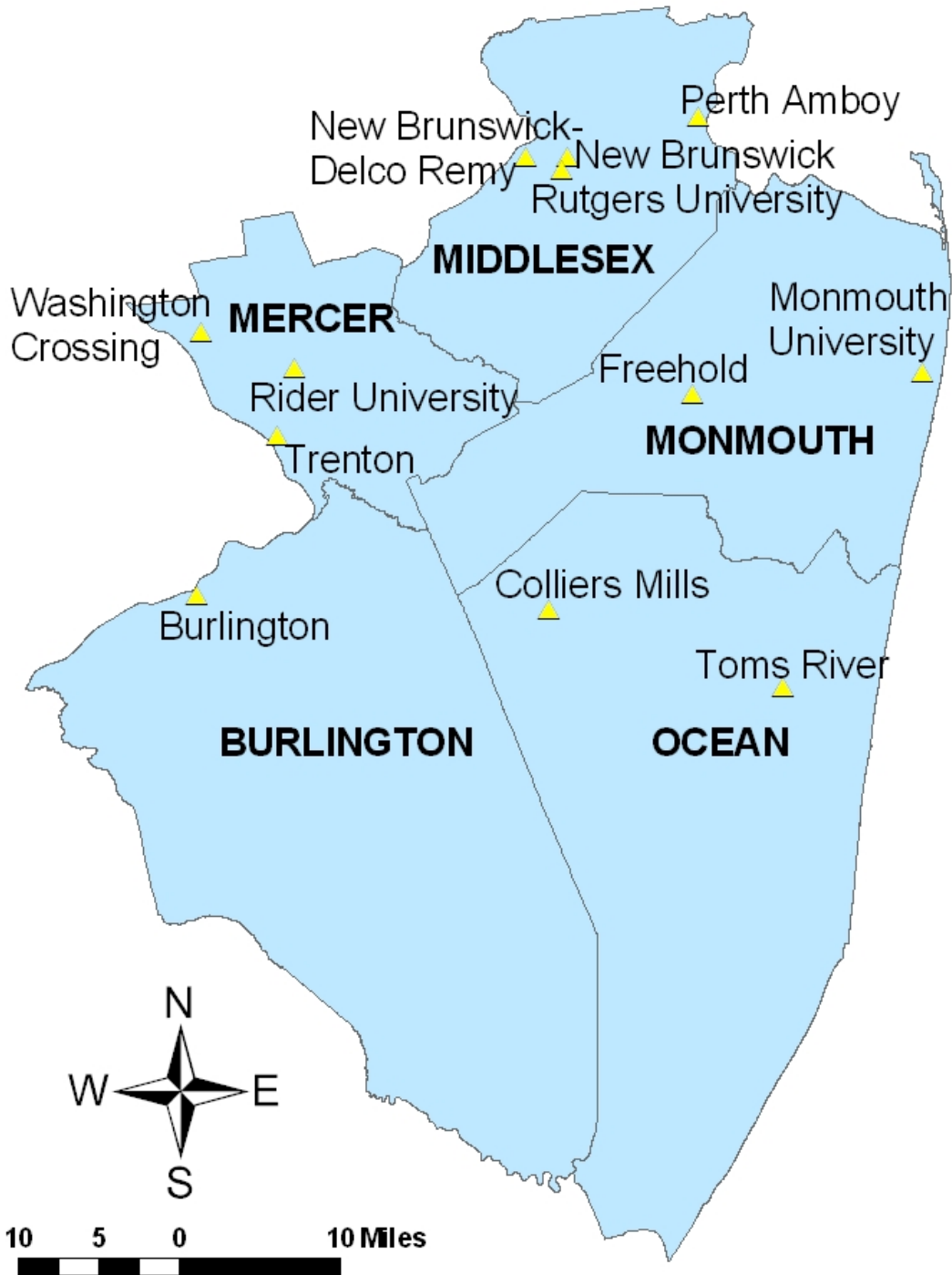


**Table 1
Northern New Jersey Air Monitoring Sites**

County	Monitoring Site	AIRS Code	Parameter(s) Measured ¹	Coordinates (Degrees-minutes-decimal seconds)		Address
				Latitude	Longitude	
BERGEN	Fort Lee	34 003 0004	CO, TEOM, PM ₁₀	40 51 15.7	- 73 58 05.7	Lemoine Avenue Overpass over I-95
	Fort Lee-Library	34 003 0003	PM _{2.5}	40 51 08.1	- 73 58 23.9	Fort Lee Public Library, 320 Main Street
	Hackensack	34 003 5001	CO, SO ₂ , SS	40 52 56.5	- 74 02 31.8	133 River St. near Moore & Mercer Streets
	Teaneck	34 003 0005	NO _x , O ₃	40 53 54.9	- 74 01 47.6	1000 River Road, Fairleigh Dickinson University
ESSEX	East Orange	34 013 1003	CO, NO _x , MET	40 45 27.0	- 74 12 02.0	Engine No. 2, Main Street & Greenwood
	Newark-Willis Center	34 013 0015	PM _{2.5}	40 43 49.0	- 74 12 45.9	Mary Willis Cultural Center 447 18 th Ave.
HUDSON	Bayonne	34 017 0006	NO _x , O ₃ , SO ₂	40 40 12.9	- 74 07 33.9	Veterans Park, 25 th St. near Park Road
	Jersey City	34 017 1002	CO, SO ₂ , SS	40 43 54.1	- 74 03 59.6	2828 Kennedy Blvd.
	Jersey City-Firehouse	34 017 1003	PM _{2.5} , PM ₁₀ , TEOM	40 43 31.6	- 74 03 08.2	Firehouse, 355 Newark Ave.
	Union City	34 017 2002	PM _{2.5}	40 46 21.9	-74 01 54.1	Health Department, 714 31 st Street
HUNTERDON	Flemington	34 019 0001	O ₃ , SS, MET	40 30 55.0	- 74 48 24.0	Raritan Twp. MUA, 365 Old York Road
MORRIS	Chester	34 027 3001	NO _x , O ₃ , SO ₂ , MET, PM _{2.5} , TOXICS	40 47 15.5	- 74 40 34.7	Bldg. #1, Lucent Tech., Route 513
	Morristown	34 027 0003	CO, SS	40 47 51.6	- 74 28 57.8	11 Washington St.
	Morristown-Ambulance Squad	34 027 0004	PM _{2.5}	40 48 05.7	- 74 29 01.7	Ambulance Squad, 16 Early St.
PASSAIC	Paterson	34 031 0005	PM _{2.5}	40 55 07.2	- 74 10 03.9	Health Department, 176 Broadway Ave.
	Ramapo	34 031 5001	O ₃	41 03 07.9	- 74 15 22.8	Access Road, off Skyline Drive, Wanaque Borough
UNION	Elizabeth	34 039 0003	CO, SO ₂ , SS	40 39 44.8	- 74 12 53.1	7 Broad St.
	Elizabeth Lab	34 039 0004	CO, NO _x , SO ₂ , SS, TEOM, MET, PM _{2.5} , TOXICS	40 38 29.2	- 74 12 30.1	Interchange 13, NJTP
	Elizabeth-Mitchell Building	34 039 0006	PM _{2.5}	40 40 24.3	- 74 12 50.7	Mitchell Bldg., 500 North Broad Street
	Rahway	34 039 2003	PM _{2.5} , TEOM	40 36 21.9	- 74 16 29.9	Fire Dept. Bldg., 1300 Main Street
WARREN	Phillipsburg	34 041 0006	PM _{2.5}	40 41 57.2	- 75 10 49.9	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 Code	Parameter(s) Measured ¹	Coordinates (Degrees-minutes-decimal seconds)		Address
				Latitude	Longitude	
BURLINGTON	Burlington	34 005 1001	CO, SO ₂ , SS	40 04 41.0	- 74 51 27.8	1 East Broad Street
MERCER	Rider University	34 021 0005	NO _x , O ₃ , PAMS, MET	40 16 59.1	- 74 44 33.5	Athletic Fields, Route 206 South, Lawrenceville
	Trenton	34 021 0008	PM _{2.5} , PM ₁₀	40 13 20.2	- 74 45 47.3	Trenton Library, 120 Academy Street
	Washington Crossing	34 021 8001	PM _{2.5} , ACID	40 18 55.6	- 74 51 13.8	Washington Crossing State Park, off Church Road, Titusville
MIDDLESEX	New Brunswick	34 023 0006	TEOM, PM _{2.5} , TOXICS	40 28 22.0	- 74 25 21.1	Cook College, Log Cabin Road
	New Brunswick-Delco Remy	34 023 1003	Pb, TSP	40 28 22.6	- 74 28 15.0	End of 12 th Street, West of Joyce Kilmer Avenue
	Perth Amboy	34 023 2003	CO, SO ₂ , SS	40 30 32.0	- 74 16 05.5	130 Smith Street, Perth Amboy
	Rutgers University	34 023 0011	NO _x , O ₃ , MET, PAMS	40 27 43.9	- 74 25 46.0	Horticultural Farm #3, off Ryder's Lane, New Brunswick
MONMOUTH	Freehold	34 025 2001	CO, SS	40 15 35.6	- 74 16 28.9	5 West Main Street
	Monmouth University	34 025 0005	O ₃	40 16 42.5	- 74 00 19.2	Edison Science Bldg., 400 Cedar Ave., West Long Branch
OCEAN	Colliers Mills	34 029 0006	O ₃	40 03 53.4	- 74 26 38.5	Colliers Mills Wildlife Management Area
	Toms River	34 029 2002	PM _{2.5}	39 59 40.8	- 74 10 12.5	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 Code	Parameter(s) Measured ¹	Coordinates (Degrees-minutes-decimal seconds)		Address
				Latitude	Longitude	
ATLANTIC	Atlantic City	34 001 1006	PM _{2.5} , PM ₁₀	39 21 45.5	- 74 25 45.6	Atlantic-Cape May Community College, 1535 Bacharach Blvd., Atlantic City
	Nacote Creek Research Station	34 001 0005	O ₃ , SO ₂	39 31 48.9	- 74 27 38.5	Brigantine National Wildlife Refuge near Smithville
CAMDEN	Ancora State Hospital	34 007 1001	CO, O ₃ , SO ₂ , ACID	39 41 03.3	- 74 51 41.4	Ancora State Hospital, 202 Spring Garden Road, Hammonton
	Camden CMUA	34 007 0010	TEOM	39 55 26.4	- 75 07 20.6	Camden County Sewage Treatment Plant, 1645 Ferry Avenue
	Camden Lab	34 007 0003	CO, NO _x , O ₃ , SO ₂ , SS, TEOM, MET, PAMS, PM _{2.5} , TOXICS	39 55 23.0	- 75 05 51.4	1667 Davis Street, corner of Copewood St.
	Camden-RRF	34 007 0009	PM ₁₀	39 54 44.9	- 75 07 04.0	Camden RRF, Morgan Blvd. & I-676
	Pennsauken	34 007 1007	PM _{2.5}	39 59 19.9	- 75 02 57.0	Morris-Delair WTP, near Griffith Morgan Lane
CUMBERLAND	Millville	34 011 0007	NO _x , O ₃ , SO ₂	39 25 20.2	- 75 01 30.7	Lincoln Avenue & Route 55
GLOUCESTER	Clarksboro	34 015 0002	O ₃ , SO ₂	39 48 01.2	- 75 12 43.6	Clarksboro Shady Lane Rest Home, County House Road
	Gibbstown	34 015 5001	PM _{2.5}	39 49 32.6	- 75 17 21.8	Municipal Building, 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 Federal Reference Method 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 Federal Reference Method PM ₁₀ Sampler	TSP	Total Suspended Particulates