



An Electronic
Newsletter
of EEA's Environmental
Consulting Activities
Spring 2004

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EEA services include
Phase I ESAs, Haz-Mat
Testing and Remediation,
Wetlands Delineation
and Creation, Natural
Resources Inventories,
Marine Ecology Studies,
Air Quality and Noise

Environmental Consulting

INSIGHTS

SPECIAL EDITION
EEA CELEBRATES A QUARTER CENTURY

(printer friendly version uses Acrobat Reader)

This August 2004, EEA, Inc. (Energy & Environmental Analysts, Inc.) and the founding principals, Leland Hairr, Ph.D., President, Roy Stoecker, Ph.D., Vice President, and Allen Serper, P.E., Vice President, celebrate 25 years as environmental consultants to Government and Private Clients.



Meet the Principals

EEA's principals had previously worked together as senior officers of the Environmental Division of Equitable Environmental Health, Inc., a national environmental, occupation health and economic consulting firm that was wholly owned by the Equitable Life Assurance Society of the U.S.

The Beginning Years

Many of EEA's early assignments during 1979-1980 have been indicative of EEA's future markets. During the early years, EEA's energy efforts included site feasibility studies for wind energy systems. Wind energy clients included W.R. Grace Co. in Baltimore Harbor and Scott Paper Co. in Maine and an evaluation of European wind energy systems for the London Headquarters of Shell International. Some private client assignments involved hazardous materials contamination or permitting (IBM in Corning, New York and waste solvents recycling firms in Brooklyn) as well as an Environmental Site Feasibility Study for Nabisco to develop a new cookie production facility in an industrial area of Celaya, Mexico. During 1980, New York City and New York State

studies, and Environmental Management System (ISO 14000) implementation.

Visit our web site at <http://www.eeaconsultants.com/>

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Terrestrial Ecology
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Air Quality and Noise
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Power Plants-Water Permitting
[Glenn Piehler, Ph.D.](#)

Environmental Management Systems (ISO 14000)
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EEA, Inc. - founded in 1979

Principals
[Leland M. Hairr, Ph.D.](#)
President

[Allen Serper, M.S., P.E.](#)
Vice President

agency work became a major market for EEA, which continued for the next 24 years. EEA began work for NYC's Public Development Corporation on an EA and DEIS/FEIS for the Port Authority's Satellite Communication Center (Teleport) on Staten Island and the NEP/DEIS/FEIS for the New York State Department of Transportation's (NYSDOT) Proposed Oak Point Link/Harlem River Yard Rail Freight Intermodal Facility in the South Bronx. (See [Partial Client List.](#))

Increasing Capabilities – Challenging Assignments

During the early years, under Dr. Stoecker's leadership, EEA increase its capability for performing ecological studies and purchased an ocean going research boat for major marine studies in the metropolitan New York waterways.

During the 1980's, major [marine ecology studies](#) included:

- East River Landing (waterfront from South Street Seaport to the Wall Street Heliport) and the Hudson River Center (now the Convention Center) for NYCPDC.
- Passaic River Basin Water Quality Assessment for the Army Corps of Engineers and extensive wetlands assessment and floating refuse monitoring and testing of controls at the Fresh Kills Landfill for New York City's Department of Sanitation.



EEA's [air quality and noise quality](#) staff were performing modeling and permitting studies for large Resource Recovery Facilities (refuse energy) and waste transfer facilities on Long Island and in New Jersey as well as for new highway projects (upstate and downstate) for the NYSDOT.

EEA also prepared [environmental impact statements](#), including the Pierrepont Street Office Development (Morgan Stanley) which was the initial leading development in the downtown Brooklyn Renaissance. Working for the London Office of Olympia and York, EEA assisted in the preparation of the Environmental Impact Statement (1990) for the Extension of the London Underground (Jubilee Line) to the major new financial center development, Canary Wharf. This was the first transportation project-related EIS in the UK and was prepared in a form similar to the Oak Point Link Rail Freight Project FEIS prepared by EEA.

[Roy R. Stoecker, Ph.D.](#)
Vice President

[Haz-Mat Studies Become Significant Part of Business Plan in 1980:](#)



EEA's haz-mat group was one of the leading firms in initiating Phase I Environmental Site Assessments in New York during 1987. EEA President, Lee Hairr, served on the ASTM Standards Committee that promulgated the national standard. These studies remain a significant business area for EEA, which has performed Phase I ESAs on over 5,000 properties. During the 1980s, under Allen Serper's leadership, EEA increased its Phase II/III Haz-Mat Testing and Remediation Division through staff additions and an affiliated drilling company. Major haz-mat projects for New York City were performed at the Phelps Dodge Copper Refinery Site in Queens and the Newark Bay (Procter Gamble) site on Staten Island. Lead contamination at firing ranges became a concern in the early 90s, and EEA evaluated subsurface and airborne lead at the New York City Police Firing Range (Rodman's Neck) and at the Blue Mountain Sportsmen Range for Westchester County. At Blue Mountain, EEA measured the ecological pathways uptake of lead. A major Passaic River and Newark Bay Sediment Sampling Study for dioxins and PCBs was performed for a private client that had manufactured agent orange.



**Soil and Groundwater
HazMat Sampling with a
Geoprobe**

[The 90s – Metro New York Focus](#)

During the past decade, EEA has continued to generate over half of its annual revenues from governmental agencies, and a major part of the work has been in New York City. EEA has worked almost continually on contracts for the past 15 years for the Department of Environmental Protection, Department of Sanitation, and Economic Development Corp.



These contracts have included Phase I Environmental Site Assessments for the NYC Watershed Management Land Acquisition Program in the Delaware, Catskill, and Croton Watersheds (since 1993 The Jamaica Bay Eutrophication Study, Use, Standards and Attainment (USA) long-term planning studies, and the Long Outfall Alternative planning studies for the NYCDEP.

EEA has performed complex environmental impact assessment studies for major NYSDOT transportation projects including:

- Long Island Expressway/SOB Interchange and HOV/Continuous



**Noise Monitoring/
Impact Modeling**

Service Roads, NEPA and SEQR EISs, Exits 42-46 (Nassau County)

- Cross Island Parkway/LIE I-495 Interchange Reconstruction (Queens County)
- Route 25/Route 111-Route 347 Improvement Project (Suffolk County)
- Bronx River Parkway Improvement Project (Bronx County)
- Taconic State Parkway Improvement Project (Putnam County)

EEA's Marine Ecology Division has been the Army Corps of Engineer environmental consultant for all the natural resources inventory and impact assessment work for the Reformulation Study, Atlantic Coast (Long Island).



**Air Quality
Monitoring/Modeling**

EEA has also continued its work for electric utilities, including Long Island Power Authority and KeySpan. Recent or on-going projects include right-of-way transmission corridor permitting studies (Riverhead to Southampton), a natural resource inventory update of the former LILCO Jamesport site and ongoing environmental consultant to LIPA for the offshore wind energy generation facility plans.

EEA currently has major haz-mat testing and remediation projects underway, including a Brownfield Program under New York State's new Brownfield Act. EEA also currently has ongoing multiyear environmental task order contracts with several New York City agencies and the Army Corps of Engineers.

New Technology

EEA currently has a patent pending for a new submerged cooling water intake structure for power plants (with once through cooling) that will eliminate fish/eggs/larvae entrainment and impingement and increase thermal efficiency. EEA is discussing support for a demonstration installation with a couple of east coast utilities. If successful, it could produce substantial cost savings at many power plants (see [Spring 2004 edition of Insights](#)).

Other Offices

During the late 1990s, EEA added an office in Stony Brook, New York where most of the ecological staff is located, and field offices in the Albany, New York area and Weehawken, New Jersey to better serve our clients.





From the Principals

Over the past twenty-five (25) years, we have worked for thousands of clients: Fortune-500 and small, private and governmental, metro New York-regional and more distant. We have been fortunate to have a dedicated and very capable staff, to be able to have so many challenging and interesting projects along with the more routine, and to truly feel proud of the work performed. We value our relationship with you, both clients and regulators, and strive to provide technically competent solutions for environmental issues.



We look forward to working with you for many years to come....

Lee Hairr, Allen Serper, Roy Stoecker
and the whole staff of EEA



“Team EEA”
at J.P. Morgan/Chase Corporate Challenge
(5K Run for Charities)

PERSONAL TRIBUTE: James V. Fitzpatrick

The Principals of EEA would like to acknowledge the inspirational assistance they received from the President of their former employer, James V. Fitzpatrick, who brought them together at his firm in 1972 and instilled in them the importance of persisting, even in the face of adversity. Mr. Fitzpatrick had previously served Mayor Daly in Chicago as Commissioner of Air Pollution

Control and as Sanitation Commissioner. In New York, he was President of a manufacturer of air pollution control equipment when he met Merrill Eisenbud, Director of NYU's Laboratory for Environmental Studies, consultant to national and international agencies and John Lindsay's first NYC EPA Administrator. Jim and Merrill founded a national environmental consulting firm in 1970 which was acquired by The Equitable in 1975. Jim served as an outside Director on EEA's Board during the early years and his guidance was invaluable.

EEA, INC. PARTIAL CLIENT LIST

Engineering Firms

Edwards & Kelcey
 Frederic R. Harris
 Greenman Pedersen
 Hazen & Sawyer
 HDR Engineering
 HydroQual
 IT Corporation
 Law Environmental
 Metcalf & Eddy
 Parsons Brinkerhoff Quade & Douglas, Inc.
 O'Brien & Gere
 Ocean & Coastal Consultants, Inc.
 Seelye Stevenson Value & Knecht
 Stone & Webster Engineers
 Urbitran Associates
 URS Engineers
 Vollmer Associates

Institutions/Utilities

Brooklyn Union Gas Co.
 Consolidated Edison Co.
 Empire State Electric Energy Research Corp
 Episcopal Health Services
 Historic Hudson Preservation Foundation
 KeySpan Corp.
 Long Island Power Authority
 Polytechnic University
 The New York Hospital

Business/Industry

American Ref-Fuel Co.
 CBS Inc.
 Chevron Products Company
 Coca Cola Bottling Company
 Destec Inc. (sub. of Dow Chemical)
 IBM Corporation
 Maxus Energy Corporation
 Mobil Oil Corporation
 Muss Development Corporation
 Nabisco, Inc.
 NYNEX Corporation
 Olympia & York Realty
 Public Storage, Inc.

Lenders

ABN Amro Bank
 Bank Leumi Trust Company of New York
 Bank of Toyko
 Carver Federal Savings Bank
 Chase Manhattan Bank NA
 Citibank
 Consolidated Asset Recovery Corporation
 Chrysler Credit Corp.
 Deutsche Bank
 European American Bank
 Fleet Bank
 HSBC Bank USA
 New York City Financial Services Corporation/
 Industrial Development Agency
 New York State Medical Care Facilities
 Finance Agency
 New York State Housing Finance Agency
 Penn Mutual Life Insurance
 Prudential Life Insurance
 Roslyn Savings Bank
 The Bank of New York
 The Community Preservation Corporation
 The Greater New York Savings Bank

Governmental

New Jersey Department of Transportation
 New York City Department of
 Environmental Protection (NYCDEP)
 New York City Department of General Services
 New York City Department of Ports and
 International Trade
 New York City Department of Sanitation
 New York City Department of Parks and Recreati
 New York City Economic Development Corporati
 New York City Transit Authority
 New York State Attorney General
 New York State Department of
 Environmental Conservation (NYSDEC)
 New York State Department of Transportation
 Port Authority of New York and New Jersey
 Southwestern Connecticut Regional Planning Ag
 Suffolk County Department of Health Services

***The Donald Trump Organization
The Home Depot
The New York Times
Transcontinental Pipeline Co.
W.R. Grace Company.***

***Triborough Bridge & Tunnel Authority
U.S. Army Corps of Engineers
U.S. General Services Administration
Village of Bronxville
Village of Sea Cliff
Village of New Rochelle
Westchester County Department of Public Works***

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