

JOSEPH A. SPATOLA, Ph.D.

PROFESSIONAL EXPERIENCE:

EXECUTIVE DIRECTOR, UNION COUNTY UTILITIES AUTHORITY, RAHWAY, NJ, 1/97 – 7/06

Serve as the Chief Executive and Operating Officer of the Authority, managing all ongoing operations and planning functions regarding the solid waste-to-energy resource recovery facility. Coordinate all engineering, legal, financial and other functions necessary to run the Authority, including overseeing the work of its consultants. In addition, negotiate and administer contracts, agreements and permits with governmental and regulatory agencies and outside firms. Serve as liaison to the Board of Chosen Freeholders and municipal officials. Coordinate all solid waste planning activities in the County.

Was responsible for the Authority's contingency planning and major restructuring to comply with recent Federal Court decisions on New Jersey's solid waste flow regulations, and to prevent default on Authority bonds. Working with the Authority's consultants and professionals, evaluated various restructuring options, negotiated new terms with companies contractually related to the Authority, and developed a Solid Waste Plan, in conjunction with County and State regulatory bodies, which included refinancing of Authority debt. Actively participated in litigation resulting from the Court decisions.

DEPUTY EXECUTIVE DIRECTOR, UNION COUNTY UTILITIES AUTHORITY RAHWAY, NJ, 1/96-1/97

Assisted the Executive Director in the general operation of the Authority and acted on his behalf in his absence. Coordinated environmental, operational and contractual issues associated with the operation of the resource recovery facility. Managed procurement of professional and non-professional services and assisted the Executive Director in the planning and policy functions of the Authority and in carrying out its recycling programs.

MEMBER, CENTER FOR ENVIRONMENTAL ENGINEERING AND SCIENCE, NEW JERSEY INSTITUTE OF TECHNOLOGY, NEWARK, NJ, 11/94 to 1/96.

Responsibilities included carrying out an environmental education program to retrain Department of Defense professionals displaced by military base closures and downsizing to become environmental professionals. Also ran a program to train youth near the poverty level to become entry-level environmental technicians.

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For the above program, developed and taught segments of the environmental curriculum. Responsible also for carrying out the related internship programs and obtaining environmental employment for students. With other Center members, coordinated a Department of Dense Fellowship-Scholarship program leading to degrees in environmental science and engineering.

Carried out a portion of the Center's "Brownfield" program, conducted community outreach programs and participated in the innovative technology program for cleaning up contaminated sites, including the Newark Bay dredging program to keep the ports viable.

MANAGER, AIR AND HAZARDOUS WASTE SERVICES, JACOBS ENVIRONMENTAL, INC. PISCATAWAY, NJ, 3/92 to 1/94.

Directed a staff of environmental professionals in carrying out air pollution and hazardous waste services for a wide range of industrial facilities. Air pollution applications included the determination of air emissions and control efficiencies, modeling and risk assessment screening, identifying compliance requirements and obtaining facility permits.

Hazardous waste programs included conducting environmental audits of industrial and commercial facilities, UST and Spill Act compliance. Designed and conducted site investigations and cleanup programs. Also responsible for providing RCRA hazardous waste and SARA Title III services to industrial clients and represented firms at regulatory meetings and at public hearings.

DIRECTOR, NORTHEAST REGIONAL OFFICE, CLEMENT INTERNATIONAL CORPORATION, EDISON, NJ, 11/88 to 12/91.

Participated with an interdisciplinary group of scientists and engineers in carrying out environmental health risk assessments of U.S. EPA Superfund sites. Provided environmental services to the industrial and commercial sectors, including environmental audits and site evaluations to determine the presence and extent of pollution problems.

Evaluated industrial processing operations to determine the potential for air pollution releases. Designed and carried out environmental investigations to determine contaminant levels at various sites and assessed the potential health impacts. Designed and oversaw cleanup programs.

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CHIEF ENVIRONMENTAL ENGINEER, PAULUS, SOKOLOWSKI AND SARTOR, INC., WARREN, NJ, 2/86 to 11/88.

As head of the Environmental Department, supervised a staff of 20 professionals involved in all facets of environmental projects ranging from site contamination problems to permitting and licensing. Oversaw preparation of environmental impact statements and permits. Developed and carried out studies to characterize contaminated sites and designed cleanup programs.

Provided expert witness investigations and testimony for litigation involving large-scale contamination of industrial sites. Responsibilities also included client consultations, interfacing with government agencies and participation in public hearings.

DIRECTOR, ESSEX COUNTY ENVIRONMENTAL HEALTH OFFICE, CEDAR GROVE, NJ, 9/84 to 2/86.

Under an Intergovernmental Personnel Act assignment to Essex County from EPA, was responsible for the creation of the Essex County Environmental Health Office which provided environmental control services and a resource center to promote public awareness and environmental education. Carried out the industrial hygiene program for the County and the State's Community and Worker Right-to-Know Law.

Staffed the new program with professionals and developed facility needs. Prepared an air pollution control code for the enforcement of industrial sources. Participated with other agencies in the establishment of an emergency response program. Also provided assistance to Essex County municipalities on special environmental problems. Prepared the annual budget and continually evaluated program needs.

NATIONAL EPA COORDINATOR, HYDE PARK LANDFILL REMEDIAL PROGRAM, U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II, NEW YORK, 6/82 to 9/84.

Coordinated the first settlement agreement between industry and the Federal Government concerning a major hazardous landfill site, the Hyde Park Landfill which contained an estimated 80,000 tons of hazardous waste, including large quantities of PCBs and dioxin.

Working with EPA's headquarters and laboratories, CDC, OSHA and the USGS, and directing the efforts of a contractor, evaluated company studies to determine the extent of contamination, the risk involved, the design and implementation of remedial measures and ultimately, the method of disposal of the contaminants. Oversaw all work at the site and ran the EPA Public Information Office.

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In conjunction with the State agencies, developed and participated in a Community Relations Program to keep citizen groups, intervenors and "friends of Court" informed. Participated in litigation related to the remedial program through the Department of Justice.

Also served as the EPA Coordinator for all environmental data related to the Love Canal Emergency Declaration Area. Evaluated all existing testing data and identified additional testing needs to determine the potential for resettlement of the area.

TECHNICAL ASSISTANT, AIR AND HAZARDOUS WASTE DIVISION, U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II, NY, 4/80 to 6/82.

Serving on the Director's staff, carried out all toxic air pollution projects for the Region and provided the air pollution expertise on all multi-media toxic problems. Functions included the design and evaluation of air toxic monitoring programs, participation in health risk assessments and the development of the air toxic program for the Region. Represented EPA at hearings and citizen group meetings and briefed Congressional staff on specific toxic problems.

CHIEF, AIR MONITORING SECTION, U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II, EDISON, NJ, 5/72 TO 4/80.

Directed a professional staff in carrying out ambient air studies and stack testing on air pollutants to support the regional and national needs of EPA. Prepared contracts for large-scale monitoring studies and oversaw contractor program accomplishments and costs. Evaluated ambient air and source monitoring programs of four State agencies to provide EPA with quality data for air pollution trend analyses and enforcement. Participated in several emergency response actions.

ADJUNCT PROFESSOR, NJ INSTITUTE OF TECHNOLOGY, DEPT. OF CHEMICAL ENGINEERING, CHEMISTRY AND ENVIRONMENTAL SCIENCE, NEWARK, NJ 1994-1996

Course Title: "Hazardous Waste Management"

ADJUNCT PROFESSOR, NJ INSTITUTE OF TECHNOLOGY, DEPT. OF CIVIL AND ENVIRONMENTAL ENGINEERING, NEWARK, NJ, 1986

Course Title: "Air Pollution Control"

**INSTRUCTOR, PART-TIME, STEVENS INSTITUTE OF TECHNOLOGY,
DEPT. OF MECHANICAL ENGINEERING, HOBOKEN, NJ, 1977-1978** Course
Title: "Origins and Analyses of Air Pollutants"

PATENT HELD: U.S. Patent 4,350,502 9/21/82 "Method and Apparatus for
Decontaminating Gas Vented from Landfill and Fugitive Sources"

EDUCATION:

UNIVERSITY OF MARYLAND, College Park, MD

Ph.D., Chemical Engineering

M.S., Chemical Engineering

SYRACUSE UNIVERSITY, Syracuse, NY

Bachelor, Chemical Engineering

B.A. Chemistry

PROFESSIONAL ACTIVITIES AND ASSOCIATIONS:

CHAIRMAN, Clean Air Council of New Jersey; (Advisory Council to Commissioner,
NJDEP) 1998 & 1999 – Member since 1995

MEMBER, Air and Waste Management Association; Program Chairman, Central NJ
Chapter 1994-1996

MEMBER, NJ Water Pollution Control Association, Hazardous Waste Technology
Transfer Subcommittee 1992-1994

MEMBER, EPA's Dioxin Work Group 1981-83

MEMBER, Governor's (NJ) Science Advisory Committee on Acid Deposition, 1984-85

CHAIRMAN, Scotch Plains Environmental & Solid Waste Advisory Committee, 1985-86

CHAIRMAN, Scotch Plains Environmental Commission, 1989-92 (Member from 1986)

MEMBER, Hazardous Materials Advisory Council, 1985

MEMBER, Union County (NJ) Solid Waste Advisory Committee, 1986-88

AWARDS:

Recipient, AWMA, Mid-Atlantic Section Chapter Service Award, 1996