

PETER M. MAHER

EDUCATION

Clarkson University, Potsdam, New York - B.S. in Civil and Environmental Engineering, 1974

University of Maine, Orono, Maine - M.S. in Resource Utilization, 1976. Specialization in Soil Chemistry

PROFESSIONAL REGISTRATION

Professional Engineer – Maine, Ohio

AFFILIATIONS

American Society of Civil Engineers

Maine Pulp and Paper Association

EMPLOYMENT HISTORY

Currently from 1985 - Sevee & Maher Engineers, Inc., Vice-President/Principal

1985 from 1983 - E.C. Jordan Company, Portland, Maine, Project Manager

1983 from 1976 - E.C. Jordan Company, Portland, Maine, Project Engineer

1976 from 1974 - University of Maine, Soil Chemistry Lab, Research Assistant

1976 from 1971 - Rochester Gas and Electric Co., Rochester, N.Y., Assistant Engineer

EXPERIENCE

As a principal of Sevee & Maher Engineers, responsible for all aspects of project planning, coordination, management and execution. Projects have included numerous industrial, commercial and quasi-municipal landfills (site location, site investigation, design, permitting, construction monitoring, closure plan preparation, environmental quality monitoring and operations assistance) as well as hazardous waste site remediation, groundwater investigations, site plan design and water resource engineering.

Previously, as a project manager for E.C. Jordan Co., Mr. Maher was responsible for proposal preparation, definition of scope of work, schedule and budget on large multidisciplinary solid waste landfill and hazardous waste projects. Coordination of activities of various technical departments and negotiations with clients and government regulatory agencies. Typically managed 30 to 40 projects with engineering budgets in excess of \$1 million.

As lead technical professional in solid and hazardous waste department, directed the activities of staff involved in the evaluation and design of various solid and hazardous waste projects. Activities included field investigations, report preparation, negotiations with regulators, permitting, process design and preparation of construction plans and specifications.

Designed roadways, force mains, gravity sewers, erosion control facilities, surface and groundwater collection systems, pump stations and grading plans for large industrial landfills. Performed surface and groundwater sampling at solid and hazardous waste sites. Supervised EPA wastewater sampling crews at paper mills, leather tanneries and food processors for toxics analyses.

Typical projects in various areas of expertise include:

- Conducted numerous site searches for landfills for the disposition of sludges, ash, municipal refuse and demolition debris.
- Designed and permitted several large, secure industrial sludge landfills for pulp and paper industry, leather tanning industry and ash landfills for municipal incinerators.
- Remedial investigation, assessment, design and permit preparation for superfund site contaminated with coal tar oil. Developed selected design of groundwater extraction and treatment system.
- Assisted EPA during RCRA development by preparing background documents describing the characteristics, quantities and health effects of various industrial solid wastes.
- Assisted leather tanning industry characterize waste streams and develop management strategies.
- Prepared public informational document characterizing the chemical make-up of paper mill sludge.
- Prepared guidance document for industry and regulators describing the nitrification of food processing industry wastewaters.

PUBLICATIONS

"Minimizing Landfill Liability Through Geohydrology," Presented at the TAPPI Environmental Conference, Orlando, Florida, April 1989 with R. Arnold.

"Rehabilitation of Monitoring Wells on an Organic Chemical Spill Site." 1987 Symposium on Standards Development for Ground Water and Vadose Zone Monitoring Systems, ASTM Subcommittee D18.21, with John Sevee.

"Wastewater Sludge Characteristics and Their Impact Upon Utilization Strategies," Published in Applications of Chemical Engineering Principles in the Forest Products and Related Industries, Vol. 1, 1986 with C.A. Rock and D.K. Phenicie.

"Characterization of Maine Paper Mill Sludges," Presented at the Technical Association of the Pulp and Paper Industry Annual Meeting, Mobile, Alabama, April, 1985, with Dale Phenicie.

"Experience With Landfill Siting and Leachate Collection Design," Presented at the Northeast Regional Meeting of the National Council of the Paper Industry for Air and Stream Improvement, Boston, Massachusetts, November 1, 1984, with Ron Howes.

"Coal Tar Remediation and Highway Construction," Presented at Hazardous Materials Conference, Philadelphia, Pennsylvania, July 14, 1983.