

JAMES S. ATWELL

EDUCATION

University of Maine - B.S. in Civil Engineering, 1965

University of Maine - M.S. in Civil Engineering, 1967

PROFESSIONAL REGISTRATION

Professional Engineer - Maine, Massachusetts, Michigan, New Jersey, New York

AFFILIATIONS

Maine Technology Institute, Past Chair of the Board of Directors
Maine State Chamber of Commerce, Executive Committee, Board of Directors
Environment and Energy Technology Council of Maine, Board of Directors
American Society of Civil Engineers
Technical Association for the Pulp and Paper Industry

EMPLOYMENT HISTORY

Currently from 1993 - Sevee & Maher Engineers, Inc., Project Manager

1993 - Atwell Environmental Engineering, Inc., Falmouth, Maine

1968 to 1993 - ABB Environmental Services, Inc., (Formerly E.C. Jordan, Co.) Portland, Maine

1988 to 1993 - Vice President

1985 to 1988 - Division Manager/Project Manager

1979 to 1985 - Department Manager/Project Manager

1968 to 1979 - Project Engineer/Project Manager

1966 to 1968 - United States Public Health Service, Solid Waste Program, Washington, D.C./Boston, Massachusetts

EXPERIENCE

Mr. Atwell has more than 25 years experience in the field of environmental engineering, the majority of which, is related to solid and hazardous waste management. This experience includes project director, project manager, and project engineer assignments on a variety of solid and hazardous waste management projects involving RI/FS at Superfund and Superfund-type sites, including site investigations, permitting, design, and closure.

Assignments in his various areas of expertise have included:

Sevee & Maher Engineers, Inc.

- Project Manager for a Phase II Site Investigation and closure of the City of Westbrook Sandy Hill Landfill. Mr. Atwell was the project manager for the Phase II Site Investigation performed at the Sandy Hill Landfill under contract to the Maine Department of Environmental Protection. Under contract to the City of Westbrook, Mr. Atwell has served as the project manager for the design of the landfill closure, construction phase engineering, and the post closure environmental monitoring program.
- Project Manager/Project Engineer for the Phase II Corrective Actions and the Vertical Height Increase at the City of Bath Solid Waste Landfill. This project has included a bedrock hydrogeologic investigation, geophysical surveys, the evaluation and the design of corrective actions to reduce the discharge of landfill leachate to the environment. The Phase II Corrective Actions, which are being constructed in 2001, include a leachate collection and pumping system, underdrains to collect leachate seeps, surface water drainage improvements, and partial closure of the landfill.
- Project Manager/Project Engineer for the Lockheed Electronics Company ISRA Project in New Jersey. This project has included remedial investigations, remedial action alternatives analysis (feasibility study), remedial design, and remedial action oversight. For this project, Mr. Atwell has been responsible for remedial action alternatives analysis, design of a 150-gpm groundwater treatment system, and design of soil treatment remedial actions involving soil vapor extraction and low temperature thermal desorption.
- Mr. Atwell is the Project Manager/Engineer for the Town of Sanford, Rushton Street Landfill Project. On this project, Mr. Atwell was responsible for identification and preliminary review of potential corrective actions at the landfill. The corrective actions included capping, contaminated soil and waste excavation, slurry wall and groundwater management.

Mr. Atwell provided landfill engineering during an innovative feasibility study for the Rushton Street Landfill where closure and remedial action alternatives were evaluated. Preliminary design data and plans were prepared. Mr. Atwell prepared construction and operating cost estimates and performed economic analyses of the alternatives and was responsible for the remedial design and construction phase engineering for the initial remedial measures. Mr. Atwell is currently managing the Rushton Street Landfill environmental monitoring program

- Mr. Atwell was the Project Engineer for the University of New England Landfill closure. He was responsible for evaluating closure alternatives, designing the landfill closure, and preparing construction documents. Capital and annual cost estimates were prepared to support closure financing and the establishment of a post-closure care escrow account. A final landfill closure report and certification of closure were prepared.

Previous Employer

- Solid Waste Management. For over twenty years, Mr. Atwell had been actively involved in the planning, design, permitting, operation, and closure of solid waste disposal facilities for government and industry. Mr. Atwell has extensive experience in the design, permitting, and closure of major land disposal facilities for public and private sector clients. He has been directly involved in the permitting and design of over 20 of these facilities.

- Under the REM-III contract with U.S.EPA-Region I, Mr. Atwell was the principal-in-charge for over 20 projects at Superfund sites in New England, including several former landfills that received municipal solid waste.
- Under a \$9-million, three-year contract for the Michigan Department of Natural Resources, Mr. Atwell was Project Manager for RI/FS and remedial design at several Superfund sites in Michigan, including Rose Township, Springfield Township and the Metamora Landfill.
- Principal-in-charge and senior technical review for pre-design studies and bio-remediation treatability study at the Nascolite Superfund site in New Jersey.
- Municipal landfill closure. Technical guidance and senior review to PRP Committee relative to investigation and closure of municipal landfill which had received industrial waste. U.S.EPA guidance for RI/FS at municipal landfills was used.
- While assigned to the United States Public Health Service, Mr. Atwell was responsible for evaluating innovative waste management technologies and providing assistance to state, regional, and local governmental agencies in the planning for solid waste management facilities. During that period, Mr. Atwell provided detailed guidance in the development of several solid waste management plans for the New England Region of the United States.