SME
SEVEE & MAHER
ENGINEERS
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JAMES S. ATWELL, P.E.

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, New Jersey

AFFILIATIONS

Efficiency Maine Trust, Board of Directors (2009-2014)
Maine Technology Institute (1999-2007), Past Chair of the Board of Directors
Maine State Chamber of Commerce, Past Chair Board of Directors
Environment and Energy Technology Council of Maine, Co-Chair Board of Directors (2008 – 2014)
American Society of Civil Engineers

EMPLOYMENT HISTORY

1993 to Present - Sevee & Maher Engineers, Inc., Project Manager
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

PROFESSIONAL EXPERIENCE

Mr. Atwell has more than 50 years of experience in the field of environmental engineering, much 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, and Installation Restoration Program Sites, including site investigations, evaluating and developing remediation strategies, permitting, design, and closure.

Assignments in his various areas of expertise have included:

- Project Manager/Project Engineer for an Eaton Corporation site corrective action program, which is being performed as a RCRA Corrective Action, under consent order with the Maine Department of Environmental Protection. This assignment has involved a series of soil and groundwater investigations to define the nature and extent of on-site and off-site contamination. The project has included the successful implementation of several PCB soil remediation projects in accordance with the requirements of the Toxic Substances Control Act. In addition, the project required the development of laboratory protocols for a specific VOC compound. Mr. Atwell currently serves as Quality Assurance Manager for this project;

- From 2004 through 2014, Mr. Atwell was Project Manager/Project Engineer at a Southern Maine manufacturing site addressing historical groundwater contamination related to a volatile organic compound (VOC) spill. The project was regulated under the RCRA Corrective Action Program and

involved development of a conceptual groundwater model for the site, design and implementation of long term groundwater monitoring, evaluation and implementation of soil and groundwater remediation projects, negotiation of cleanup goals with state regulatory agencies. Mr. Atwell is currently participating in a quality assurance role for this project.

- Project Manager/Project Engineer for several landfill gas (LFG) projects at landfills in Maine. Projects included LFG characterization studies and construction of an active LFG collection system. Mr. Atwell also is serving as the project manager for tasks associated with registering the City of Bath Landfill Project on the Carbon Action Reserve for the sale of carbon credits and a feasibility study to evaluate potential uses for LFG, including space heating and electricity generation;
- 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 was 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;
- Project Manager/Project Engineer for the Town of Sanford, Rushton Street Landfill Project. Mr. Atwell was responsible for identification and preliminary review of potential corrective actions at the landfill, including capping, contaminated soil and waste excavation, slurry wall and groundwater management. He provided landfill engineering during an innovative feasibility study for the landfill where closure and remedial action alternatives were evaluated. He was responsible for the design and construction management of the landfill corrective action project, which included closure of 50 acres of landfill; construction of a 1,000-foot long, 60-foot deep slurry wall; and construction of a clean, groundwater diversion system. The project also included design, permitting and construction phase engineering for a new solid waste recycling and transfer station;
- For multiple Department of Defense Contracts (USATHAMA, Navy, Corps of Engineers), Mr. Atwell served as Project Director (Officer in Charge) of multiple Installation Restoration Projects, including Loring Air Force Base and the Massachusetts Military Reservation. These projects included the development and implementation of site investigation programs, data analysis and evaluation, and the evaluation of remediation strategies, and the implementation of soil and groundwater remedial actions;
- 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 hazardous waste management sites and former solid waste landfills;
- 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. Mr. Atwell provided technical guidance and senior review to the PRP Committee relative to investigation and closure of a municipal landfill which had received industrial waste. U.S.EPA guidance for RI/FS at municipal landfills was used; and,
- 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.

AWARDS

- 2018 Maine Governor’s Award for Environmental Excellence – Lifetime Achievement