KENNETH P. NORTON, P.E.

SME
SEVEE & MAHER ENGINEERS
4 Blanchard Road, PO Box 85A, Cumberland, ME 04021
Tel: 207.829.5016 • Fax: 207.829.5692 • sme-engineers.com

EDUCATION

B.S. – Soil Science and A.S., Civil Engineering, University of Maine, 1982

PROFESSIONAL REGISTRATION/CERTIFICATIONS

Professional Engineer – Maine
Maine Department of Environmental Protection (MEDEP) – Erosion Control Practices
40-Hour Safety Training for Hazardous Waste Operations (OSHA 29 CFR 1910.120)

EMPLOYMENT HISTORY

1989 to present – Sevee & Maher Engineers, Inc., Civil Engineer
1987 to 1989 – The Woodlands Corp., Falmouth, Maine, Resident Engineer
1986 to 1987 – Wright-Pierce Engineers, Topsham, Maine, Resident Engineer
1984 to 1986 – E.C. Jordan Co., Portland, Maine, Project Engineer
1982 to 1984 – ConTest Lab, Portland, Maine, Engineering Technician

PROFESSIONAL EXPERIENCE

Mr. Norton has extensive experience in many aspects of earth and earth structure design, landfill design and construction, soil and water remediation, roadway and stormwater design, and site civil development. He has a strong understanding of the design process and its relationship to construction oversight. His extensive field experience provides him with a unique capability to produce efficient, cost-effective, and constructable designs. Assignments in his various areas of expertise include:

- Landfill Design – Civil design engineer for paper mill solid waste landfills;
- Landfill Hydrogeology – Evaluated site characteristics and prepared hydrogeologic reports for several landfill projects in New England; developed flow nets to model groundwater flow and seepage through embankments;
- Landfill Site Investigations – Coordinated and monitored site exploration programs, including the coordination of laboratory testing. Conducted forensic analysis of a sludge embankment failure. Set up and managed drilling programs for installation of vibrating wire piezometers in earthen embankments and waste deposits;
- Landfill Construction – Field engineer for multiple landfill and remediation construction projects located along the east coast of the United States. Monitored construction compliance with specifications including management of Quality Control and Quality Assurance programs for installation of composite liner systems, cover systems, drainage systems, and earth embankments;
- Laboratory Testing – Hands-on familiarity with evaluation of physical and mechanical properties of soil and rock construction materials;
- Geotechnical Investigations – Coordinated and monitored exploration programs for a variety of commercial and industrial projects. Monitored installation of slope inclinometers, soil anchors, rock anchors, embankment construction, and caisson installations;
- Lead engineer for the design of the Packer-Purge System™ for reducing clogging and pore-water pressures in dam/embankment relief wells;
- Filter and screen size design for large diameter production wells. Monitored well drilling and well installation. Specified pumps, flow meters, pressure switches and controls for groundwater supply wells producing 200-2000 gpm; and

- Senior Field engineer for the construction of multiple large sludge impoundment dikes ranging in height from 20 to 80 ft. Designed and monitored construction of toe drains for several water retention structures.