TRAVIS C. CARPENTER, P.E.

SME
SEVEE & MAHER
ENGINEERS
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EDUCATION

B.S. – Civil Engineering, Massachusetts Institute of Technology, 1995

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Professional Engineer – Maine
HAZWOPER 40-Hour and 8-Hour Refresher

EMPLOYMENT HISTORY

2024 to present – Sevee & Maher Engineers, Inc., Cumberland, ME, Senior Geotechnical Engineer
2017 to 2024 – Kleinschmidt Associates, Falmouth, ME, Senior Geotechnical Engineer and Advisor
2014 to 2017 – John Turner Consulting, Dover, NH, Vice President of Engineering and Director of Geotechnical Engineering Services
2002 to 2014 – MACTEC/AMEC Environment & Infrastructure, Portland, ME, Senior Geotechnical Engineer
1997 to 2002 – Jacques Whitford Company, Portland, ME, Geotechnical Engineer
1995 to 1997 – Professional Service Industries, Portsmouth, NH, Staff Engineer/Branch Manager

AFFILIATIONS

Association of State Dam Safety Officials
International Association of Foundation Drilling
American Society of Civil Engineers

PROFESSIONAL EXPERIENCE

Mr. Carpenter has nearly 30 years of geotechnical engineering experience in the investigation, design, and construction of projects involving brownfields redevelopment, landfills/low-permeability cover systems, environmental remediation, embankments/dams, and new site development. He has extensive experience developing and implementing geotechnical investigations, laboratory testing programs, and instrumentation and monitoring plans. Mr. Carpenter performs geotechnical engineering analyses for foundations, pavements, retaining walls, ground improvements, geosynthetics and cover systems, embankment stability and seepage, and hard armoring. He develops design drawings, technical specifications, and bid documents and reviews subgrade preparation, fill placement, and earthworks during construction.

Representative projects demonstrating Mr. Carpenter's areas of expertise:

- **Remedial Investigation, Feasibility Study, and Remedial Design, Callahan Mine Superfund Site, MaineDOT, Brooksville, ME** – Evaluated and designed stabilization measures and low-permeability cover system for a 60-foot-tall mine tailings impoundment constructed atop soft marine clays.
- **Feasibility Study, Remedial Design, and Brownfields Redevelopment, Former Manufactured Gas Plant (MGP), NiSource (Northern Utilities), Lewiston, ME** – Prepared geotechnical engineering

components of a feasibility study and remedial design and provided support during construction to convert a former industrial site into a public park, performed under the Maine Department of Environmental Protection's (MEDEP's) Voluntary Response Action Program (VRAP) program.

- **Embankment Rehabilitation and Spillway Refurbishment, Marshfield Dam, Green Mountain Power, Marshfield, VT** – Designed and supported in the construction of an embankment toe filter berm, a new penstock bypass pipe, and a new stepped concrete emergency spillway.

- **Remedial Action Work Plan, Remedial Design, and Brownfield Redevelopment, Study Area 6 North, Confidential Client, Jersey City, NJ** - Evaluated and designed remedial action items (excavation and on-site relocation of contaminated soils, installation of perimeter hydraulic barrier walls, and construction of a low-permeability cover system) in conjunction with planned site redevelopment (multi-story retail, commercial, and residential).