MORGHAN CARR

SME
SEVEE & MAHER
ENGINEERS
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EDUCATION

M.S. – Civil Engineering, University of New Hampshire, 2022
B.S. – Civil Engineering, University of New Hampshire, 2020
B.S. – Environmental Management Systems, Louisiana State University, 2014

EMPLOYMENT HISTORY

2025 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Geotechnical Engineer
2022 to 2025 – Tighe & Bond, Portland, Maine, Staff Geotechnical Engineer II
2020 to 2021 – John Turner Consulting, Durham, New Hampshire, Geotechnical and Environmental Engineer Intern
2019 to 2020 – Nobis Group, Concord, New Hampshire, Civil Engineering Intern
2014 to 2018 – U.S. Coast Guard, South Portland, Maine, Search and Rescue Responder

PROFESSIONAL EXPERIENCE

Morghan Carr has diverse civil and geotechnical engineering experience in public and private sector projects such as site development, water treatment plants, large pharmaceutical buildings, bridges, dams, retaining walls, and other structures. She has managed subsurface investigations and provided geotechnical analyses, permitting, and construction observation of deep foundation installations, ground improvement, and general subgrade inspections. Her expertise also includes report writing, managing subsurface investigations, and performing dam seepage and slope stability analyses. Ms. Carr also has conducted research focused on the permeability of 3-D printed clays and has been published in the Transport in Porous Media scientific journal.

Morghan Carr's typical project assignments have included:

Evaluation and Construction

- Developing geotechnical scope of work and managing subsurface investigations for projects supporting bridge, utility, retaining wall, municipal and private structure projects
- Performing geotechnical analyses and developing recommendations for Chapter 85 Massachusetts Department of Transportation review of small bridge projects, pedestrian bridges, and municipal facilities
- Assisting in Phase I Dam inspections and performing seepage and slope stability analyses for small dam projects
- Performing Phase I Environmental Site Assessments and reporting
- Conducting subsurface investigations and monitoring ground improvement installation
- Performing on-site construction observation for pile installation, ground improvement installation, drilled shafts, and general subgrade inspections
- Assisting in the development of geotechnical specifications and review of contractor submittals for water treatment plants, pharmaceutical buildings, and municipal structures.