

## **JENNA R. GILBERT, E.I.**

### EDUCATION

University of Maine, Orono – B.S. in Civil Engineering, with a concentration in Water Resources Engineering, 2019

### AFFILIATIONS

American Society of Civil Engineers

### EMPLOYMENT HISTORY

2019 to Present – Sevee & Maher Engineers, Inc.; Cumberland, Maine; Civil Engineer  
2018 to 2019 – Summit Geoengineering Services; Rockland, Maine; Geotechnical Engineer Intern

### EXPERIENCE

Ms. Gilbert's work has included a range of assignments, including:

- Reviewed permitting requirements for development projects and prepared applications
- Completed site planning and permitting analysis
- Prepared engineering design drawings for demolition, site layout and utilities, grading, and stormwater management
- Performed construction site inspections for conformance with design plans and erosion control requirements
- Assisted in subsurface exploration of test borings using a direct push and rotary drill rig, and performed Cone Penetration Tests for seismic analysis
- Provided bearing capacity and foundation footing recommendations based on subsurface
- Produced geotechnical reports for clients, tailored to the specific needs of projects including building foundations, culverts, bridges, roadways, and parking lots
- Developed recommendations for frost susceptibility in soil and possible reuses of subgrade
- Experience in calculating approximate settlement over time based on subsurface conditions

Additional areas of knowledge include:

- Water Resources:
  - Groundwater storage, flow, and fluctuations in watersheds and wetlands
  - Calculation and interpolation of flow patterns in pipes and other water systems
- Environmental:
  - Physical and chemical properties for safe treatment of drinking water
  - Design components and structures used in active water treatment plants