

## **NICHOLAS M. THOMPSON**

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### EDUCATION

B.S. – Civil Engineering, Minor in Business Administration, University of Maine, 2005

### PROFESSIONAL CERTIFICATION

Certified Quality Assurance Compacted Clay Liner Inspector, May 2016

Certified Quality Assurance Geosynthetic Materials Inspector, January 2017

### EMPLOYMENT HISTORY

2024 to Present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Design Engineer/Project Engineer

2016 to 2023 – Sevee & Maher Engineers, Inc., Cumberland, Maine, Civil Engineer

2008 to 2016 – Olver Associates Inc., Winterport, Maine, Resident Engineer

2005 to 2008 – Sargent Corporation, Stillwater, Maine, Field Engineer

### PROFESSIONAL EXPERIENCE

Mr. Thompson has over 18 years of engineering experience in the design, construction oversight, and management of landfill and environmental projects. Mr. Thompson is a dedicated project engineer, with experience in technical aspects of projects, including detailed design, permitting, construction, and landfill operation assistance.

Typical assignments in his various areas of expertise include:

#### Construction Quality Assurance/Quality Control

Mr. Thompson has performed and managed construction monitoring, including Quality Control and Quality Assurance of composite liner and cover systems, drainage systems, and earth embankments.

#### Construction Management

Mr. Thompson has managed the construction of multiple landfill cell and cover jobs in Maine. This includes corresponding with clients and contractors with updates on construction progress and expectations. Tracking project information such as daily reports, weekly reports, test reports, contractor submittals, and final documentation reporting.

#### Landfill Design and Permitting

Mr. Thompson has technical design experience on a number of landfill projects (commercial, private, and state-owned).

- Provided technical landfill design services and construction quality assurance and quality control oversight at two Maine landfills. In this role Mr. Thompson has been responsible for preparing design drawings and technical specifications for landfill cells and closures;
- Prepared detailed landfill grading plans including cell base liner systems, cell development plans, cell closure plans, waste grading plans and deliverables for GPS automated landfill operations equipment;

- Performed detailed design of landfill liner systems, including leak detection pipe spacing, leachate collection pipe spacing, drainage geocomposite sizing, and pipe strength analysis;
- Provided on-going analysis of landfill utilization rates by performing computer aided cut/fill quantity evaluations at four landfills; and
- Provide water quality data analysis and reporting for three landfills.

Mr. Thompson's general areas of expertise include:

- Engineering Design – preparing detailed engineering drawings and construction specifications; preparing erosion and sediment control plans; preparing landfill operation and maintenance plans; and writing annual compliance reports;
- Civil Engineering – designing for stormwater, erosion control, roadway, earthwork, and septic disposal;
- Construction Management – corresponding with contractors and clients to provide a well-executed project, overseeing quality control, reviewing submittals, and monitoring budgets and progress; and
- Computer Software – proficient in AutoCAD, Carlson Civil, HydroCAD stormwater modeling, and Adobe.