

## **BRIAN D. PIERCE, P.E.**

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### EDUCATION

B.S. – Civil and Environmental Engineering, University of Maine, 1994

#### Special Courses

Pump System Design – 2010, Ross Mackay, Phoenix, Arizona

Advanced Hydrology: Modeling and Special Topics – 2001, Augusta, Maine

Design of Geosynthetics in Waste Containment Facilities, 2001 – Dr. Robert Koerner, Folsom, Pennsylvania

Quality Assurance/Quality Control of Geosynthetics in Waste Containment Facilities, 2001 – Dr. Robert Koerner, Folsom, Pennsylvania

Waste Geotechnics, 2000 – University of Maine, Dr. Brian Cooke

### PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Professional Engineer – Maine, Arizona, Illinois, Maryland, Massachusetts, New Hampshire, New Jersey, Ohio, Pennsylvania, and Texas

40-Hour Safety Training for Hazardous Waste Operations (OSHA 29 CFR 1910.120)

8-Hour Supervisory Training for Hazardous Waste Operations (OSHA 29 CFR 1910.120)

Radiological Safety and Gauge Operation for Nuclear Testing Equipment (49 CFR 172)

Solid Waste Association of North America (SWANA) Northern New England Chapter, Director 2019 to 2023, Board Member 2019 to 2023

### EMPLOYMENT HISTORY

2019 to present – Sevee & Maher Engineers, Inc., Principal and Chief Engineer

2018 to 2019 – Sevee & Maher Engineers, Inc., Chief Engineer

1999 to 2018 – Sevee & Maher Engineers, Inc., Project Engineer

1994 to 1999 – Dames & Moore, Inc., Augusta, Maine, Staff Engineer

### PROFESSIONAL EXPERIENCE

Mr. Pierce has experience in the management, design, and construction oversight of numerous environmental and landfill related projects throughout the Northeast. Mr. Pierce has over 29 years of experience with civil and environmental engineering design, construction oversight, and environmental site assessment. He has managed and performed detailed designs for landfill cell construction and closure projects in Maine and throughout the northeastern United States. He has also prepared numerous Landfill Cell Development and Stormwater Management and Erosion Control Plans for site development and landfill design projects.

Landfill Project Management (2015 to 2023): His landfill project management experience includes management of landfill engineering and permitting for privately owned paper mill landfills in Maine. Management includes client relations and permit preparation for landfill expansion and closure documents, including geotechnical investigations and engineering design (liner and cover system design, stormwater design, erosion control, and infrastructure design).

Landfill Design (1997 to 2023): Mr. Pierce's landfill design experience includes preparing numerous landfill cell and closure designs for permitting and construction. Work includes preparing detailed engineering drawings, construction specifications, stormwater management plans, erosion and sediment control plans cell development plans, and operation manuals for landfills in the northeastern United States. His work also includes preparation and creation of construction contracts and review and comparison of Contractor bids for cell and closure construction projects. Mr. Pierce is proficient in the use of many computer assisted engineering design software applications, such as AutoCAD computer aided drafting software, Carlson civil design software, HydroCad stormwater modeling software, and Hydrain channel design software.

Landfill Inspection (2001 to 2023): Mr. Pierce has performed numerous quarterly and annual site inspections for active and closed landfill facilities throughout the eastern United States over the past 20 years. Landfill Inspection responsibilities included scheduling, performing, and completing inspections. This includes follow-up with both clients and regulators on corrective actions identified during the inspections.

Landfill Construction Oversight (1994 to 2001): Mr. Pierce spent the first six years of his engineering career providing landfill construction oversight at landfill closure and cell construction projects at state and federally regulated landfill facilities in the northeast. This work included oversight of both landfill related earthwork and geosynthetics.

Civil Engineering Design: In addition to landfill related projects, Mr. Pierce has been involved as a project engineer on several civil engineering projects for commercial, industrial, and residential clients in Maine. Projects include:

- Pineland Farms Redevelopment – design and permitting; road planning and design; utility routing and improvements; drainage measures, and wastewater disposal on a 2,000-acre site
- Backyard Farms – design and permitting; road planning and design; utility routing and improvements; drainage measures, and wastewater disposal for 75 acres of greenhouse facilities
- Planning, design and permitting for private developments.