
BRIAN W. BARDWELL

EDUCATION

A.A.S. – Architectural and Engineering Design, Southern Maine Community College, 2018
B.A. – Business Management, Johnson State College (now Northern Vermont University), 2009
A.A. – Business Management, Eastern Maine Community College, 2005

Additional coursework:

SolidWorks – Mechanical Design, Associate level
Carlson – Road Network and Survey

CERTIFICATIONS

FAA Remote Pilot – small Unmanned Aircraft Systems (sUAS) Airman Certificate
OSHA 40-Hour HAZWOPER Training
Nuclear Gauge Safety with Hazmat Certification
Quality Control and Quality Assurance of Geosynthetics in Solid and Liquid Waste Containment Facilities, (Geosynthetic Education Institute)

EMPLOYMENT HISTORY

2017 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, CAD Designer/Drafter

PROFESSIONAL EXPERIENCE

Mr. Bardwell uses state-of-the-art CAD and GIS software in a variety of applications including civil design, hazardous waste remediation, and environmental compliance projects. He works with multiple engineering disciplines, including: Civil, Environmental, Water Resources, Geotechnical, and Hydrogeology.

As an sUAS pilot, Mr. Bardwell also performs drone flights over project sites to obtain imagery for topographical surveys, photography, inspections, and other purposes. He also has extensive experience with photogrammetry software and produces topographic models for use in engineering design and calculating volumes of large sites.

Typical assignments include:

- Creating design construction plans for site development, landfill and site remediation projects.
- Creating existing topography and perform volume calculations to provide clients with yearly capacity numbers for various landfills, using data from drone flights he performs.
- Provides support for a large scale site remediation project in the field and in the office.
- Construction oversight for various projects