



Brett McCreary

Staff Engineer I

Joined TCE in 2020

Education

B.S. Environmental Engineering
2019
University of Vermont

Certifications

Engineer Intern
State of Vermont #017.013224

Work History

Meck-Tech, Inc.
*Civil Engineering Intern
Selinsgrove, PA 2014-2017*

TCE, Inc.
*Civil Engineering Intern
Williston, VT 2017-2018*

EIV Technical Services
*Civil Engineer I
Winooski, VT 2019*

Volunteer Work

Toys for Tots
Shamokin Dam, PA

Geisinger Children's Miracle
Network
Danville, PA

Brett is a Staff Engineer bringing a wide range of experience and technical skill sets to his projects with experience that includes work in municipal, public, and private sectors. Brett has worked on projects that focus on wastewater system design, stormwater design and permitting, local planning and zoning, and residential land development. He has experience performing roadway, wastewater, and stormwater inspections. Brett brings survey and fieldwork experience from his internships and assists with topographic, boundary, and construction layout surveys.

Brett is from central Pennsylvania, and in his free time, you can find him outside rock climbing, running, and hiking in the summer, and snowboarding in the Green Mountains in the winter.

Recent Project Experience

Wastewater System Design, Various Locations, VT Brett works with clients to generate site plans and complete permit applications for on-site wastewater disposal systems and potable water supplies. He performs soil evaluations and topographic surveys in order to design and draft the proposed system. Understanding and applying state regulations is essential to provide a compliant and practical design.

Local Permitting, VT Brett is responsible for completing permit applications for development projects in local communities. Brett works with clients to complete zoning, subdivision sketch plan, and site plan review permit applications. This requires an understanding of local and state regulations and knowledge about the development plans and options.

Stormwater & Wastewater Inspection Services, VT Brett performs annual inspections of stormwater and wastewater systems. These inspections are critical to ensure that systems are working properly and complying with state regulations and issued permits.

Survey Fieldwork, VT Brett performs topographic, boundary, and construction layout surveys for a wide range of projects throughout Vermont. Recent projects include boundary and ALTA surveys of proposed solar fields, construction stakeout for building projects at the University of Vermont, and topographic surveys of residential development and wastewater projects.

Key Skills

- Water & Wastewater System Design
- Wastewater & Stormwater System Inspection
- Stormwater Design
- State and Local Permitting
- AutoCad Civil 3D Drafting
- HydroCad
- Construction Stakeout
- Topographic & Boundary Surveying
- Deed Research