



Andrew G. Mills, P.E.

Project Engineer/Manager

6 Years at TCE

Education

B.S. Civil Engineering '07
Worcester Polytechnic Institute

Certifications

Licensed Professional Engineer
State of Vermont #79708

Professional Affiliations

American Society of Civil
Engineers

Work History

Engineered Solutions
Burlington, VT 2008-11
Tetra Tech
Framingham, MA 2007-08
Southern Vermont
Engineering
Brattleboro, VT 2003-07

Volunteer Work

Jim's House
Annual Maintenance Work 2014-16

Andrew is a Project Engineer at TCE and performs a wide range of design, permitting, and project management tasks. He has extensive experience in all aspects of civil/environmental engineering, particularly the stormwater management field. Andrew also performs construction administration and observation duties for a variety of clients including erosion control monitoring and reporting.

Andrew was born and raised in Brattleboro and returned to Vermont in 2008 after attending college and working in Massachusetts, settling in Chittenden County. He enjoys outdoor activities such as hiking, skiing, and golf.

With over 10 years of engineering experience, Andrew utilizes his broad range of skills and experience working on demanding, fast-paced projects to complete projects in an efficient and effective manner. He maintains good working relationships with a host of State and local regulators as well as provides quality project presentations at local hearings and meetings.

Recent Project Experience

Jay Peak Resort, Jay, VT Andrew has been involved in the design work with almost every proposed project during the Jay Peak Resort expansion since 2008, including three hotels, an indoor waterpark, ice arena, and hundreds of residential units. He was the lead designer on the interconnection of two large water systems on the mountain and developed tracking and forecasting mechanisms for the resort's water and sewer demands. Andrew continues to serve as the primary contact for the resort's civil engineering needs.

A&C Realty, Essex, VT Andrew was the lead design engineer on this mixed used redevelopment project that included a 16,500 SF commercial building and 48 residential units in 7 buildings. He completed the design and permitting for stormwater, erosion control, and water/wastewater including the design a of sewage pump station and over a mile of force main.

Munroe Brook Flow Restoration Plan, Shelburne, VT Andrew was the lead engineer on this project and developed the EPA mandated restoration plan for the impaired Munroe Brook. In addition to developing the report, Andrew performed field studies to verify drainage areas and BMP locations and performed modelling to asses BMP performance.

Additional Projects

- Meadowridge HOA, Williston
- Centennial Brook Flow Restoration Plan
- Zarembo Retail Store, Ferrisburgh
- South Forty Solar, Burlington
- Copley Hospital, Morrisville
- Colchester Ave. Apartments, Burlington
- Sisters & Brothers, Various Locations

Key Skills

- Stormwater Design/Modelling
- Public Hearings/Presentations
- Vermont Regulations and Permitting
- Communication
- Construction Phase Services
- Water System Design Modelling
- Strong Technical Ability