



Andrea Dotolo, E.I.

Environmental Engineer &
Ecologist

5 Years at TCE

Education

B.S. Environmental Engineering,
Minor Geospatial Technologies
'16
University of Vermont

Certifications

Licensed Engineer Intern (E.I.)
State of Vermont #0117270
VT Wetland Delineation
VT Shoreland Erosion
HydroCAD Certificate

Professional Affiliations

Tau Beta Pi
Chi Epsilon

Work History

TerraGraphics Environmental
Engineering
Engineering Intern, Kellogg, ID 2015
University of Vermont
Teaching Assistant
Burlington, VT 2014-2016
Lake Iroquois Association
Greeter Program Manager
Williston, VT 2013-2014

Volunteer Work

Friends of the Winooski River
Tree Planting Volunteer 2016-18
Jim's House
Maintenance Volunteer 2016-17

Andrea provides well-rounded assistance to all departments at TCE. Andrea specializes in stormwater design, wetland and stream delineations, design and modeling for hydraulic and hydrologic studies, GIS analysis, GPS data collection, and State, Federal and local permitting.

Andrea was born and raised in Hinesburg, Vermont, and now resides in Plainfield, after graduating from the University of Vermont. Andrea enjoys all things outdoors and is quite artistic. She spends her free time searching for new mountains to climb or ski, rivers to swim, music to dance to, people and landscapes to photograph and recipes and crafts to make at home.

Andrea is a hard-working and committed to her work. She has demonstrated excellent attention to detail, admirable communication, a comprehensive perspective and understanding of projects, efficient organization, and a strong will to further her skills and education.

Recent Project Experience

Meadow Ridge Community Stormwater, Williston, VT Over the last several years, TCE has been hired by the Meadowridge Community Association and the Town of Williston to provide feasibility analysis, design, permitting, and construction oversight for three stormwater ponds within the Meadowridge Community. As part of a stormwater retrofit project in compliance with the Town's MS4 program, Andrea exhibited in-depth knowledge of stormwater modeling, regulated treatment requirements, and design as she worked diligently to revise design and construction plans to cut down construction and permitting costs. Additionally, Andrea provided weekly erosion control observations during the construction of the ponds and responded quickly and efficiently when design changes were necessary.

Costco Wholesale, Colchester, VT TCE has a long history of permitting for the only Costco in the State of Vermont, starting in the early '90s and continuing well in to present day. When Andrea started at TCE, she quickly became familiar with the site and complicated permit history working on several projects, all which require local and state permitting including stormwater permitting, wetland permitting and Act 250. Andrea has provided in depth review paired with innovative design to bring Costco's projects to life in a strict regulatory environment. Her mix of environmental and engineering knowledge has aided in easing conversations between regulators.

Timeline Residential Subdivision, Alburgh, VT In 2006, TCE fully permitted a 12-lot subdivision in Alburgh. Almost 12 years later, TCE was hired to bring all permits back into compliance as none of the lots had been developed. Andrea took the lead on this project, providing the thorough research, design, and permitting needed to bring an old project up to current regulations. Andrea's organization and communication skills resulted in the project coming into compliance as quickly and affordably as possible as she worked with the State Wetlands, Stormwater, Drinking Water & Groundwater, Shoreland and Act 250 departments to find solutions that worked for all parties.

Additional Projects

- Catamount Family Center, Williston
- Aegis Solar, Various Projects
- Smuggler's Notch LOMA, Cambridge
- VLT Wetland Restoration, Sheldon
- Drinking Water Asset Management Various Locations

Key Skills

Stormwater Modeling & Design
Wetland & Stream Delineations
GIS Analysis
Vermont Regulations