



Karina Dailey, P.W.S.

Senior Environmental Scientist

7 Years at TCE

Education

M.S. Environmental Science
Antioch University NE- 2009
Teton Science School - 2003
B.A. Environmental Studies
Saint Lawrence University - 2000
Kenya Semester - 1999

Certifications

Professional Wetland Scientist
Certified Wildlife Biologist
Shoreland Erosion

Professional Affiliations

Society of Wetland Scientists
NH Assoc. of Natural
Resource Scientists

Work History

WNRCS
Winooski, VT 2009-11
US FWS/Intervale Nursery
Burlington, VT 2008-10
Biota Research & Consulting
Jackson Hole, WY 2003-07

Volunteer Work

Jericho Conservation
Commission
FourWinds Educator

Karina oversees the environmental department at TCE, and she is responsible for managing, design, and implementation of all natural resource related projects. Her work includes environmental regulatory expertise including Act 250 and Act 248 Land Use Permitting, Wetlands and Water Resource policy, and Wildlife Habitat protection. Karina regularly coordinates with clients, interacts with regulatory agencies and attends public meetings. She also provides expert testimony for various projects.

In her spare time, Karina also enjoys hiking, skiing, boating, or horseback riding with her family.

With 17 years of experience in the environmental field, Karina's work includes: scientific research; performing US Army Corps of Engineers jurisdictional wetland and stream delineations; design and implementation of wetland and riparian vegetation plans for mitigation; enhancement and restoration projects; applications for Federal and State General and Individual Permits; baseline natural resource inventories for conservation and development projects; wildlife habitat assessments; rare, threatened, and endangered plant surveys; vernal pool surveys, spatial analysis; and natural resource assessments using GPS and GIS systems.

Recent Project Experience

South Forty Solar, Burlington, VT Karina has managed this 2.5 MW solar project from its inception in 2012. She was also a key member of the pre-project field research, and is scheduled to lead the construction observation team in 2017. TCE was contracted to delineate wetlands, map natural communities, conduct a rare plant survey, prepare a vegetation management plan, complete a 2-year vernal pool study, prepare a winter wildlife assessment, stormwater design and provide testimony for Act 248 permitting.

Fontaine Solar, Williston, VT Karina completed fieldwork and reporting for a 158.5 ac. conservation easement parcel to be gifted to the State of Vermont as part of a 500KW solar array project in a former sand pit. Baseline information collected included: history and regulatory background, natural resource inventory including natural communities mapping, RTE plant survey (winter assessment), wetlands, streams, vernal pools, wildlife habitat, and existing infrastructure mapping.

Williston Sand, Williston, VT Karina was retained for wetland restoration design and implementation services associated with a sand pit access road. Wetland restoration included regrading an old logging road, improving a disturbed spring seep, stream restoration, and native shrub plantings to improve slope stability and protect water quality.

Additional Projects

- SunCommon , Various Locations Statewide
- Aegis Gilman, Various Locations Statewide
- The Schoolhouse, So. Burlington
- Jericho Elementary School
- Mud Pond, Williston
- Stowe Club Highlands, Stowe
- Mallet's Head, Colchester

Key Skills

Communication
Wetland Science & Regulations
Vermont Regulations & Permitting
Plant Identification
Project Management
Wildlife Habitat Survey
Scientific Reports & Expert Testimony