



**Karina Dailey, P.W.S.**

*Senior Ecologist*

*9 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**

Prof. Wetland Scientist, P.W.S.  
NH Cert. Wetland Scientist, C.W.S.  
Certified Wildlife Biologist, C.W.B.  
VT Shoreland Erosion Certification

**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  
Cochrans Ski Program  
Mt. Mansfield Nordic Club

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, as well as forest corridor and wildlife habitat protection. Karina regularly coordinates with clients, interacts with regulatory agencies and attends public meetings. She also provides expert testimony for a diverse array of projects.

With 18 years of experience in the environmental field, Karina's work includes: scientific research; performing US Army Corps of Engineers jurisdictional wetland and stream delineations; designed and implementation of wetland and riparian vegetation plans for enhancement and restoration projects; applications for Federal and State Wetlands General and Individual Permits; baseline natural resource and forest inventories for conservation and development projects; wildlife habitat assessments; rare, threatened, and endangered plant surveys; vernal pool surveys, forest stand analysis, and spatial analysis using GPS and GIS systems.

Beyond her work field assignments, Karina's spare time always includes exploring the natural world - on foot, on skis, by boat, or on horseback with her family and friends.

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**Recent Project Experience**

**South Forty Solar, Burlington, VT** Karina managed this 2.5 MW solar project from its inception in 2012. She was a key member of the pre-project field research, and oversaw the construction observation team in 2017 and 2018. TCE was contracted to delineate wetlands, map significant natural communities, analyze forest stand height and canopy cover, perform a rare plant survey, prepare a vegetation management plan, complete a 2-year vernal pool study, conduct a winter wildlife assessment, consult on stormwater design and provide testimony for Act 248 permitting as well as post-construction vegetation monitoring.

**Peck Solar, Wetlands Restoration, Middlebury, VT** Karina completed the wetland assessment, wetland delineation, wetland permitting, wetland restoration, and environmental testimony for this 500kW group net metered solar electric generation facility. Wetland restoration included removing of an old road and farm pond that was located within a historic stream channel. The restoration improved hydrologic and habitat connectivity as well as stream channel geomorphology.

**Vermont Electric Coop, RTE Survey, VT** TCE was contracted by VEC to conduct Rare, Threatened, and Endangered Species Surveys along approximately 7 miles of Transmission System Right-of-Way. The surveys included natural communities, RTE terrestrial and aquatic plant species, RTE aquatic animal species, and RTE terrestrial animal species on State lands. TCE completed surveys in portions of Orleans, Lamoille, Franklin, and Chittenden Counties, in Vermont.

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**Additional Projects**

- AEDG Solar, Various Locations Statewide
- Aegis Solar, Various Locations Statewide
- The Schoolhouse, So. Burlington
- Jericho Elementary School
- Catamount Solar, Fairfield
- Mallet's Head, Colchester

**Key Skills**

- Communication
- Wetland Science
- Regulations & Permitting
- Wildlife Habitat/Forest/Plant Surveys
- GIS Analysis
- Project Management