

Reba Mitchell

Ecology Field Technician

Peak Ecological Services LLC
Nederland, CO
www.peakecological.com



KEY EXPERTISE

- ❖ Wetland Mapping, Restoration, Implementation and Monitoring
- ❖ Garmin/Trimble GPS Data Collection
- ❖ Rare Plant Clearance Surveys
- ❖ Quantitative Data Collection
- ❖ Riparian and Wetland Functional Assessments
- ❖ Noxious Weed Mapping and Management
- ❖ Technical Writing and Editing
- ❖ GIS Analysis and Map Production

EDUCATION

1999 – Bachelor of Science
Environmental Management.
Louisiana State University.

CERTIFICATIONS & SKILLS

- ❖ Colorado State University
Extension Native Plant
Masters 2019
- ❖ Certified Commercial
Pesticide Applicator
Technician
- ❖ ESRI ArcMap Software
- ❖ Garmin and Trimble GPS
- ❖ Microsoft Office Suite
- ❖ Google Office Suite

AFFILIATIONS

- ❖ Colorado Native Plant
Society

CONTACT INFO

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SUMMARY OF EXPERIENCE

Reba Mitchell has been the Ecology Field Technician at Peak Ecological Services since 2018. Prior to getting back to ecological research, Reba was the Environmental Educator and Coordinator with Wild Bear Mountain Ecology Center in Nederland, CO for eight years. Reba has also worked on resource conservation efforts with the Schools Program at Ecocycle for 6 years. As the Ecology Field Technician for PeakEco, Reba assists with wetland mapping and delineation, rare plant and noxious weed surveys, vegetation mapping, monitoring, and floristics, and ecological restoration. Ms. Mitchell is trained in using Trimble and Garmin GPS units along with ArcGIS, and Microsoft Office and Google software. Reba also assists with report writing and editing related to all projects with Peak Ecological.

RESEARCH PROJECTS

Research Associate, Department of Geology & Geophysics, UNO Ms. Mitchell supported Dr. Denise Reed in a post study of an implemented levee system within a wetland in south Louisiana to aid in the coastal restoration of an area affected by dredging by executing field and laboratory studies related to coastal-wetland restoration and assessment.

Internship, Wetland Biogeochemistry Institute, LSU Ms. Mitchell aided in the research project: "The potential Effects of CO₂ on Production and Decomposition Processes in Coastal Marches" under Dr. Karen McKee by collecting field data, conducting computer analysis, and responsible for the care of experimental plants, *Scirpus* ssp and *Spartina* ssp. She also conducted sub-study on the minor plant species growing within the experimental system and provided outreach by presenting results to freshman Environmental Management students.

EMPLOYMENT

Peak Ecological Services, LLC. Nederland, CO. Sept. 2018 – present
Wild Bear Mountain Ecology Center Nederland, CO. June. 2014 – Aug. 2018
EcoCycle. Boulder, CO. Aug 2008—May 2014