

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Wetland and Waterbody Studies at Fort Wainwright, Alaska

Type of Project: Research

Project Discipline: Natural

Funding Agency: Department of Defense

Other Partners/Cooperators: Colorado State University

Effective Dates: 9/24/2014 - 9/30/2017

Funding Amount: \$604,200

Investigators and Agency Representative:

Agency:

Investigator: Cal Bagley, Center for Environmental Management of Military Lands, Colorado State University, Fort Collins, CO; (970)491-3324; Calvin.Bagley@ColoState.EDU

Project Abstract: This project's primary objectives are to assist FWA with optimal management of training lands, minimize restrictions to the military mission due to natural resources-related constraints, protect and enhance biological diversity and ecological health on FWA lands, and ensure compliance with all environmental laws and regulations.

Specific objectives are as follows:

- (1) Collect wetland and waterbody data necessary for the sound management of military lands. The land must be maintained in a condition that provides for optimal military training experiences and protects wetland resources, soil, water, vegetation, and wildlife resources in a healthy and diverse state.
- (2) Assemble, edit, analyze, interpret, summarize, and apply wetland and waterbody data to the management of natural resources on military installations. This is most efficiently accomplished with on-site technical expertise and state-of-the-art computer analyses.
- (3) Contribute to sound and balanced decision making regarding land use and resource management on public lands and military installations by providing the best research, data, and analytical tools available.

Outcomes with completion dates: 9/30/2017

Keywords: resource management, wetland, waterbody, Fort Wainwright, Alaska, Colorado State University, Center for Environmental Management of Military Lands