**Project Manager Qualifications and Organization Description**

Charlotte Roy has been a Research Scientist with the Minnesota Department of Natural Resources Section of Wildlife for 10 years. During that time, she has developed and led a dozen research studies to inform the management of natural resources in Minnesota, with an emphasis on grouse, waterfowl, and their habitats. Her career experience is broader than gamebirds, spanning 20 years and including predators such as raccoons, invasive species like faucet snails, and state threatened and endangered species including peregrine falcons and swamp rabbits (in Indiana). She also enjoys working at multiple scales ranging from landscapes to molecules with experience and publications in landscape ecology, community ecology, population ecology, physiology, and genetics. These diverse interests help her connect and communicate with diverse groups from school age children to hunters, recreational boaters, citizen scientists, academics, and land managers. Her career goal is to provide scientific information that can improve the management of natural resources in a way that benefits future generations and to communicate that information in a way that resonates with non-consumptive nature lovers, utilitarian resource users, urbanites, and those that prefer staying indoors but still enjoy clean drinking water. The research in this proposal is one step towards that goal.

Organizational Description

The mission of the Minnesota Department of Natural Resources (DNR) is to “*work with citizens to conserve and manage the state's natural resources, to provide outdoor recreation opportunities, and to provide for commercial uses of natural resources in a way that creates a sustainable quality of life*.” Our research supports understanding how to sustainably graze Minnesota’s prairies to enhance wildlife habitat while providing revenue for cattle ranchers. Conservation grazing may improve Minnesota’s wetland habitats and provide quality recreation for waterfowl hunters and bird watchers. The MNDNR Wildlife Research Group Leaders have reviewed our research proposal for scientific merit and its ability to upkeep the agency’s mission.