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October 31, 2019

Kandy Richards
Great Salt Lake Audubon
P.O. Box 520867
Salt Lake City, UT 84152-0867
Submitted via email at: treasurer@greatsaltlakeaudubon.org

RE: Wild Utah Project 2018 Grant Summary Report

Dear Ms. Richards,

Thank you for funding our Stream and Riparian Restoration Program proposal. We had a successful 2019 field season. Great Salt Lake Audubon's funds were used toward the implementation of the Program, which includes conducting the Rapid Stream-Riparian Assessment (RSRA) surveys, training and managing citizen scientists, and maintenance of the monitoring database. We made successful advances in achieving our desired outcomes.

Improve and restore critical stream and riparian ecosystems in Utah. We recruited 52 volunteers to install 29 beaver dam analogues in five streams.

Improve water quantity and quality for the benefit of humans and wildlife alike. We conducted pre-restoration surveys at all streams in 2019. In 2020, we will re-survey the streams to monitor our effectiveness in improving water quantity and quality.

Improve and restore habitat for species of threatened aquatic wildlife including Bonneville Cutthroat Trout. In addition to conducting pre-restoration surveys at all streams in 2019, we selected the restoration sites along with our partner Trout Unlimited to ensure the projects can benefit Bonneville Cutthroat Trout. We will re-survey the streams in 2020 to monitor our effectiveness in improving aquatic habitat.

Improve and restore riparian habitat for species of threatened and declining bird species including Greater Sage-grouse, Willow Flycatcher, and Yellow-billed Cuckoo. We conducted pre-restoration surveys at all streams in 2019. In 2020, we will re-survey the streams to monitor our effectiveness in improving riparian habitat.

Provide a database that allows multiple user groups to monitor the results of restoration projects and demonstrate effectiveness. We updated our database platform to a public online ArcGIS userface. The site is expected to go live by November 15, 2019.

Support environmental stewardship between non-profit organizations, management agencies, academia, citizen-scientist volunteers, and private land owners. In 2019, we had our most diverse set of partners and volunteers. These included Utah Division of Wildlife Resources, Utah State University's Swaner EcoPreserve, Snyderville Basin Special Recreation District, Backcountry Hunters and Anglers, Utah National Guard's Camp Williams, Boy Scouts, Dedicated Hunters, and general citizen volunteers.

Positive and negative unanticipated outcomes are summarized as such:

- Developed a new partnership with Backcountry Hunters and Anglers, a hunting non-profit that supports wildlife conservation and volunteer projects.
- Difficulty in sourcing materials for the projects; the required fence post dimensions need to be custom ordered well in advance due to the popularity of these restoration projects.
- Continued long lead times in obtaining stream alternation permits for conducting the work.
- High water year and rainy spring required us to reschedule stream surveys into later in the summer.

Please reach out to me at janice@wildutahproject.org if you need any further information about the Program. Again, I am so grateful for your support of our stream and riparian restoration in Utah.

Sincerely,



Janice Gardner, M.Sc., Certified Wildlife Biologist®
Conservation Ecologist, Wild Utah Project