

## Dream Tags Charitable Fund Grant Report Form

Complete this report and

- Send it as an email attachment to [tturner@cfwnv.org](mailto:tturner@cfwnv.org) by the dates specified in your grant agreement letter.
- Include your original project budget—along with a column showing expenditures to date—with EVERY report.
- Include your grant number (DT #) in the subject line of EVERY correspondence regarding this grant.

Questions? Contact Tracy Turner, Community Foundation Program Officer, at [tturner@cfwnv.org](mailto:tturner@cfwnv.org) or (775)333-5499

<b>Section A: Grantee Information</b>	
<b>Organization Name:</b> Nevada Department of Wildlife	
<b>Phone:</b> 775-777-2323	<b>Executive Director:</b> Tony Wasley
<b>Primary Contact for Report:</b> Caleb McAdoo	<b>Title:</b> Biologist
<b>Email:</b> cmcadoo@ndow.org	
<b>Section B: Grant Information</b>	
<b>Check one:</b> <input type="checkbox"/> Quarter report <input checked="" type="checkbox"/> Final report	
<b>Project Title (include # and title):</b> DT # <b>#28 Spruce Mountain Restoration</b>	
<b>Objectives/purpose of the project as stated in the original proposal:</b> The objectives of the Spruce Mountain Restoration Project are to: <ul style="list-style-type: none"> <li>• Reverse the expansion of pinyon-juniper woodlands to provide resilient habitats with an adequate understory which meet ecological site descriptions;</li> <li>• Improve existing crucial winter habitat for mule deer;</li> <li>• Prevent catastrophic large-scale wildland fires resulting from the buildup of fuels and the conversion of fuel type based on prediction from historic assessments;</li> <li>• Improve plant and wildlife species composition and diversity;</li> <li>• Reverse the decreasing quality of wildlife habitat and forage due to damage from wildfires and pinyon and juniper encroachment; and</li> <li>• Prevent the establishment and expansion of invasive non-native species.</li> </ul> <p>These objectives will be met with a multi-year, multi-methodology treatment approach. By utilizing varied vegetation treatment methods, restoring and rejuvenating vegetative communities will ensure resilience of the plant communities and the wildlife which inhabit them.</p> <p>For many areas, project success will be simply measured by number of acres in which the successional stage of the plant community was set-back to a more productive</p>	

grass/browse dominated site. It is likely, that the magnitude of the benefits from this action will be so large that they will not, in their entirety, be able to be measured simply through vegetative monitoring and wildlife surveys. The true benefits of ecological resilience are often only fully understood when they are absent from the ecosystem entirely.

In other areas, the successful reduction of annual grasses and the integration of perennial plant species into the vegetative communities previously dominated by invasive annuals will be the measure of success.

For mule deer, by successfully rejuvenating senescent browse to be more palatable and nutritious, should be realized in the long-term by an increase in observed spring fawn recruitment.

**Goals/results expected for the project as stated in the original proposal:**

For many areas, project success will be simply measured by number of acres in which the successional stage of the plant community was set-back to a more productive grass/browse dominated site. It is likely, that the magnitude of the benefits from this action will be so large that they will not, in their entirety, be able to be measured simply through vegetative monitoring and wildlife surveys. The true benefits of ecological resilience are often only fully understood when they are absent from the ecosystem entirely.

In other areas, the successful reduction of annual grasses and the integration of perennial plant species into the vegetative communities previously dominated by invasive annuals will be the measure of success.

For mule deer, by successfully rejuvenating senescent browse to be more palatable and nutritious, should be realized in the long-term by an increase in observed spring fawn recruitment.

<b>Grant Amount:</b> \$25,000.00	<b>Amount requested for this reimbursement:</b> \$25,000.00	<b>Date:</b> 11/18/2014
<b>Section C: Signatures</b>		
<b>Name of person completing this report:</b>	Caleb McAdoo	<b>Date:</b> 11/18/2014

**DIRECTIONS:** Please answer the following questions making sure your numbers correspond with the section and question numbers below. **Please do not exceed TWO pages, single-spaced, 11-12 point font for sections D through G.**

**Section D: for QUARTERLY and FINAL reports:**

- 1) **Results** (Which of your goals/results have you accomplished? Which remain unmet?) **Each of the applicable identified goals in the Proposal was met. These goals include: 1) Reverse the expansion of pinyon-juniper woodlands to provide resilient habitats with an adequate understory which meet ecological site descriptions. 2) Improve existing crucial winter habitat for mule deer. 3) Improve plant and wildlife species composition and diversity; 4) Reverse the decreasing quality of wildlife habitat and forage due to damage from wildfires and pinyon and juniper encroachment. 5) Prevent the establishment and expansion of invasive non-native species.**
- 2) **Lessons learned** (What worked as expected? What did not work as well as expected? What worked better than expected?) **As expected, utilizing hand-crews to manually remove pinyon and juniper was extremely effective. The 8-man crew was able to precisely focus on the target tree removal area and select for trees with a diameter breast height (DBH) of 12' or less and to leave "old growth" trees greater than 12" DBH. The crews were also outfitted with hand-pruners to remove young saplings from the project areas. While the treatment method was effective, the price/ acre was extremely costly.**
- 3) **Course corrections** (Based on what you have learned, what have you changed, done differently, or otherwise revised? What do you still plan to change, do differently, or otherwise revise?) **Based on the results from this treatment effort, we don't anticipate changing treatment methodologies, however we would change the wording within the contracts to get more acreage of treatment for each dollar spent.**
- 4) **Sustainability** (What, if any, are your specific plans to continue work started by this project? What efforts are currently being undertaken to secure long-term financial support?) **As identified in the original proposal, this effort is part of an overarching habitat restoration project. We plan to continue our treatment efforts over the next several years to treat a total of 10,000 acres. We are continually exploring different funding opportunities and avenues to facilitate the completion of this project. We have had much interest and support from groups and funds such as: RMEF, Heritage, PCD, BLM, a Nevada Muleys, and NBU.**
- 5) **Additional comments** (Is there anything else you would like us to know? E.g., Organizational changes, new projects launched, unanticipated benefits, new staff or board members, comments on the grant process, other ways the Dream Tags Charitable Fund can be helpful, etc.) **On behalf of NDOW, I would like to extend my extreme gratitude to the Dream Tag Fund for the contribution to this project. The results from this project will have profound effects on wildlife and range resources for generations to come and your contribution greatly assisted us in working towards over all completion of this project.**

**Section E: Additional Attachments for QUARTERLY and FINAL reports:**

- 6) **Press** (Attach any related press clippings.)
- 7) **Budget** (Attach **original** budget highlighting use of funds to date. Note if there are any major variances between proposed budget and actuals.)

**Section F: Please answer for QUARTERLY reports *only***

- 8) **Time** (Do you anticipate needing more time to make the necessary adjustments outlined above? If so and if we can extend the timeframe for this grant, how will you use this time?)

**Section G: Please answer 9 & 10 for FINAL reports *only*:**

- 9) **Results Part II** (If you did not meet all your goals, to what do you attribute this?)
  
- 10) **Success**—Tell us how you know you succeeded in what you proposed to do. **We successfully treated 250 acres by removing pinyon and juniper with an eight man hand crew. Occualr estimations show an increase in understory species through the release of competition with pinyon and juniper trees. Since this area was treated, significant observations of deer and elk use within the treated area have been documented.**
- 11) **Tell your story** (Please share a story of an individual or family positively impacted by this program. *We may include this in our promotional materials including our annual report and web site.*)