



**Teton
Conservation
District**
Est. 1946

Teton Conservation District Grant Application Narrative

APPLICANT INFORMATION (Section 1 of 4)

1. Applicant Representative: *The name of the person responsible for the grant application, and final reporting if successfully awarded funds.*

Phoebe Coburn

2. Applicant Entity: *The name of the nonprofit, business, individual/landowner, government agency, university/school, or other entity on behalf of which the Applicant Representative is applying for the grant. The Applicant Entity may be the same as the Applicant Representative.*

Friends of the Lorax

3. Type of Applicant: *Please select one or specify.*

- | | | |
|--|---|--|
| <input type="radio"/> Individual/Landowner | <input type="radio"/> Government Agency | <input checked="" type="radio"/> Nonprofit |
| <input type="radio"/> Business | <input type="radio"/> University/School | <input type="radio"/> Other (specify): |

4. Phone Number: 307-733-2110

5. Email: phoebe@tetonconservation.org

PROJECT INFORMATION (Section 2 of 4)

6. Project Title: *Please enter a brief project title.*

Truffula Tree Nursery

7. Total Project Budget (\$): \$ 6,800.00

8. Grant Funding Requested from TCD (\$): \$ 2,500.00

9. Anticipated Project Start Date: 3/1/22 **10. Anticipated Project End Date:** 11/1/22

11. Requested Funding Schedule: *If your grant application is approved, grant funding can be distributed as a reimbursement after project completion (TCD's preference) or in-advance of your project start date. Please circle your preferred funding schedule.*

- | | |
|-------------------------------------|---|
| <input type="radio"/> Reimbursement | <input checked="" type="radio"/> In Advance |
|-------------------------------------|---|

12. Requested Final Report Deadline: *If your grant application is approved, please select an appropriate deadline for grant completion and final reporting. You may only be given one option below. Your Final Report deadline will be confirmed in your grant award letter.*

- February 1, 2023

13. Grant Category: *Which Teton Conservation District grant category does your proposed project primarily support? [Click here to read about the grant categories.](#) Please select one.*

- | | | |
|---|--------------------------------------|--|
| <input type="radio"/> Water | <input type="radio"/> Land | <input type="radio"/> Education |
| <input type="radio"/> Wildlife | <input type="radio"/> Sustainability | <input type="radio"/> Geographic Information Systems (GIS) |
| <input checked="" type="radio"/> Vegetation | | |

NARRATIVE (Section 3 of 4)

1. Provide a project overview and describe the overarching goals of your project.

A long time ago, expansive native Truffula Trees forests characterized our mountain valley. The trees provided habitat and forage for native wildlife, including the Brown Bar-ba-loots, Humming Fish, and Swomee-Swans. The bright-colored tufts are the key material needed for Thneed production—and as demand for Thneeds skyrocketed, unsustainable tuft harvest brought about the rapid decline of Tuffula forests. Brown Bar-ba-loots, Humming Fish, and Swomee-Swan populations have suffered. Exacerbating the problem, the invasive Grickle-grass has spread throughout the valley, outcompeting Tuffula seedlings.

A committed group of local citizens have come together to form a nonprofit called Friends of the Lorax. Our mission is to ensure the long-term persistence of Truffula Trees and the species that depend upon them. Our initial goal to restore Truffula forest habitat. The first actionable objective under this goal is to establish the first Truffula Tree Nursery. While the goal of this project is centered on vegetation restoration, additional intended outcomes of this effort include improving water and air quality, increasing native habitat for wildlife, and supporting the local Thneed industry by promoting sustainable harvest practices.

2. Please list (in numbered form) and describe the project deliverables that will be accomplished within the proposed grant time frame. Please describe the project deliverables in measurable terms that directly correspond to the project deliverables listed in the Project Budget. Note that when submitting a Final Grant Report, grantees will need to speak to the degree each project deliverable was completed and report on funds expended for each deliverable.

With Teton Conservation District's support, we will be able construct the first Truffula Tree Nursery in Jackson, Wyoming to increase the availability of seedlings for both individuals and entities wanting to plant Truffulas on public and private lands. The following Project Deliverables will be completed within the proposed grant timeframe, April 1, 2022 – November 1, 2022.

- 1) Truffula Tree seeds: 1000 Truffula seeds will be purchased directly from Onceler Inc. for \$500.
- 2) Irrigation: We will purchase and install irrigation at the nursery for \$800.
- 3) Greenhouse and raised beds (materials): Materials for the construction of the greenhouse and raised beds are estimated to cost \$3,000.
- 4) Greenhouse and raised beds (labor): Construction labor for the greenhouse and raised beds is being donated in-kind by the local high school carpentry class. The estimated cost of labor is \$2,000.
- 5) Soil and tools: The cost to purchase soil and tools (hoses, shovels, trowels etc.) is estimated to cost \$500.

3. How does your project support Teton Conservation District's mission and [2020-2025 Strategic & Long-Range Plans](#)? Provide specific references to the section(s) of the plan(s) that your project supports.

This project directly supports these components of the 2020-2025 Long Range Plan:

- 1) Vegetation - Native Plants (pg. 18): "Local genotypes of native plants are under cultivation and available for public purchase." This project involves Truffula Tree cultivation and makes the seedlings available for public purchase.
- 2) Wildlife (pg. 20): "Ecological connectivity and habitat diversity remain intact and/or are restored." By eliminating seedling-availability barriers, this project will support habitat restoration projects.
- 3) Water (pg. 15): "Surface- and groundwater-degrading discharges are identified and mitigated." Healthy Truffula forests have been shown to improve water quality by naturally filtering Gluppity-Glupp and Schloppity-Schlopp runoff.
- 4) Land - Agriculture (pg. 16): "Irrigation infrastructure improvement and maintenance needs are met." A deliverable of this project is to build irrigation infrastructure to support the nursery. In turn, the nursery will supply seedlings to local Truffula harvesters to support Thneed production.

4. Please consider or describe any opportunities for energy conservation while implementing this project.

There are numerous ways we plan to save energy and consider other environmental impacts of this project:

- 1) The local high school carpentry class that is constructing the greenhouse has committed to using reclaimed or recycled wood for this project as much as possible.
- 2) The class will use school-provided transportation to the site, reducing the number of vehicle trips to and from the site each day over the course of planning and construction from over 500 to approximately 40. This economization will save approximately 100 gallons of gas.
- 3) The Truffula Tree Nursery has chosen to purchase 100% Green Power through Energy Conservation Works/Lower Valley Energy.
- 4) Truffula forests are also carbon sinks, and our work to plant Truffula trees has the potential to increase long-term carbon sequestration capacity in our valley.

5. How will you evaluate if your project reached its goals and accomplished its deliverables?

For our first year, we have established two metrics of success to determine if the Truffula Tree Nursery project reaches its goals and accomplished the deliverables outlined above. The two metrics are: 1) Nursery construction completion. The deliverables of this project support the construction of the nursery. Successful completion of all constructed elements is our first metric. And 2) Quantity of Truffulas sold: In our first year, we aim to sell 500 first-year Truffula seedlings.

In the long-term, metrics of the nursery's success will include tracking habitat improvement projects, acreage of restored habitat, water quality improvement, and use of sustainable harvesting practices

6. Please list your partners and briefly describe the role they play in your project.

- 1) Seuss Foundation: We have received a \$1,000 grant from the Seuss Foundation to cover material costs in the first year.
- 2) Local high school carpentry class: As their capstone project for the year, the local high school carpentry class will be donating in-kind labor to design and construct our greenhouse.

7. Additional information (Optional, 100 words max). Note that you may also attach supplemental materials (technical information, photos, maps, diagrams, letters of support, etc.).

CERTIFICATION AND SIGNATURE (Section 4 of 4)

By checking the boxes and signing below, I certify the following:

- I agree that I am authorized Applicant Representative of the Applicant Entity applying for this grant and that the information contained in this application is true to the best of my knowledge.
- I understand that information submitted as part of this Grant Application is public information subject to public requests for information; it is my responsibility to ensure compliance with the Wyoming Public Records Act.
- I understand that if grant funds are awarded, it is my responsibility to identify any permits that are needed to complete this project and I commit to obtaining all necessary permits prior to project implementation.
- I understand that if grant funds are awarded, further stipulations may be identified in the TCD Award Letter and must be adhered to in order to receive funding.
- I will submit an electronic copy of this Grant Application and the following required materials and optional materials as necessary by email to Phoebe Coburn, Communications Specialist, phoebe@tetonconservation.org. I will save a copy of all these materials for my own records.
 1. **Grant Application Cover Page & Narrative:** *Required.*
 2. **Application Budget:** *Required.*
 3. **Landowner Letter of Authorization:** *Required only if your project is taking place on private land and the landowner is not the applicant. If this applies to your project, include a signed letter from the landowner(s) authorizing the Applicant Representative to apply for a grant for work to be conducted on their land.*
 4. **Supplemental Materials:** *Optional.* You may attach supplemental materials such as additional technical or scientific information, photos, maps, diagrams, letters of support, or anything else that supports your application. Please compile your supplemental materials into *one* document if possible. Note that your supplemental materials will be printed multiple times; please consider the number of pages you attach.

Signature:

Phoebe Coburn

Digitally signed by Phoebe Coburn
Date: 2021.11.05 09:44:19 -06'00'

Date:

11/5/21