



**COLORADO**

Colorado Water  
Conservation Board

Department of Natural Resources

Contract CORE No. POGG1 2018-842  
CMS #

April 10, 2018

Trout Unlimited, Inc.  
Attn: Kevin Terry, RGB Project Manager  
1777 N. Kent Street, #100  
Arlington, VA 22209-2133

Dear Kevin:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your application for funding pursuant to the WSRF Grant Program ("Program") in the amount of \$65,500. This letter authorizes you to proceed with the Spruce Lakes Wilderness Project ("Project") in accordance with the terms of this Grant Award Letter.

Attached to this letter are the terms and conditions of your Grant. Please review these terms and conditions, as they are requirements of this Grant to which you, Trout Unlimited, Inc. agree by accepting the Grant Funds.

The WSRF Criteria & Guidelines can be located on our website for additional information.

If you have any questions or concerns regarding the project, please contact Megan Holcomb, Project Manager at 303-866-3441 ext. 3222 or at [Megan.Holcomb@state.co.us](mailto:Megan.Holcomb@state.co.us). Please send the 6-month progress reports and invoices directly to the Project Manager and cc me at [Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us).

Thank you.

Sincerely,

//s//

**Doriann Vigil**

**Program Assistant II**

O 303-866-3441 ext. 3250

1313 Sherman Street, Rm. 719, Denver, CO 80203

[Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us) / [cwcb.state.co.com](http://cwcb.state.co.com)

Attachments



**STATE OF COLORADO**  
Department of Natural Resources

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**ORDER**

\*\*\*\*\*IMPORTANT\*\*\*\*\*

**Number:** POGG1,PDAA,201800000842

**Date:** 04/09/18

**Description:**

PDAA 2500 WSRF ONLY - SPRUCE LAKES  
WILDERNESS\_RGB

**Effective Date:** 04/09/18

**Expiration Date:** 04/30/19

The order number and line number must appear on all invoices, packing slips, cartons, and correspondence. Please review each line for its corresponding shipping/billing address and delivery instructions.

**BUYER**

**Buyer:**

**Email:**

**VENDOR**

TROUT UNLIMITED INC

1777 N KENT ST

# 100

ARLINGTON, VA 22209-2133

**Contact:** .

**Phone:** .

**EXTENDED DESCRIPTION**

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$65,500.00	<input type="checkbox"/>
Description:	PDAA 2500 WSRF ONLY - SPRUCE LAKES WILDERNESS_RGB					

Service From: 04/09/18

Service To: 04/09/19

**Delivery Instructions**

FOB: FOB Dest, Freight Allowed

Delivery Date:

**Ship To:**

**Bill To:**

COLORADO WATER BOARD  
CONSERVATION

COLORADO WATER BOARD CONSERVATION

1313 SHERMAN STREET, ROOM 718

1313 SHERMAN STREET, ROOM 718

DENVER, CO 80203

DENVER, CO 80203

**TERMS AND CONDITIONS**

<https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions>

**DOCUMENT TOTAL = \$65,500.00**



**STATE OF COLORADO**  
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**DOCUMENT TOTAL = \$65,500.00**



Last Update: November 29, 2017

<b>Colorado Water Conservation Board</b>	
<b>Water Supply Reserve Fund</b>	
<b><u>Exhibit A - Statement of Work</u></b>	
<b>Date:</b>	<b>1/2/2018</b>
<b>Water Activity Name:</b>	<b>Spruce Lakes Wilderness Reservoir Maintenance Project</b>
<b>Grant Recipient:</b>	<b>Trout Unlimited National</b>
<b>Funding Source:</b>	<b>Basin Account</b>
<b>Water Activity Overview:</b> (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for.)	
<p>The project will address maintenance issues at two reservoirs located within the Weminuche Wilderness that have been severely impacted by Spruce Bark Beetle. Using explosives, the project will directionally fall dead standing spruce trees away from the reservoirs, reducing the long-term maintenance requirements as directed by Colorado's State Engineers Office for Dam Safety. The water rights in the reservoirs (200 AF) are privately owned and used for irrigation in the Del Norte area in the San Luis Valley. The reservoirs are stocked with native Rio Grande Cutthroat trout by Colorado Parks and Wildlife for the benefit of the public as a recreational resource and to protect the rare native trout in its native range. Spruce Lakes are located along the Continental Divide Trail and provide substantial recreational and aesthetic benefits to trail users and the general public. The objective is to fall the dead trees away from the lakes to reduce maintenance in the future that is incredibly difficult to accomplish with Wilderness approved tools. The project is also designed to maintain wilderness character by simulating a natural fall down event rather than clean cut stumps. The project is a great example of Public/Private partnership on public lands.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<p>The objective is to remove approximately 400 beetle killed Spruce trees that have a high potential to fall into the reservoirs or have already fallen into the reservoirs using explosives and wilderness approved tools.</p>	



Last Update: November 29, 2017

Tasks
Provide a detailed description of each task using the following format:
<b>Task 1 – Planning</b>
Description of Task: TU and USFS will enter into a cost share agreement. USFS will purchase supplies and develop the outreach plan for the project including obtaining any USFS permits. Scheduling will be part of this task.
Method/Procedure: Develop and execute the cost share agreement Develop outreach plan to notify the public and outfitters. Schedule personnel and pack animals.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
This task will result in a final project plan and give TU the capacity to execute grant dollars with the USFS as a partner.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The Final report will include a copy of the cost share agreement and outreach materials as well as detailed records of all grant expenditures.



Last Update: November 29, 2017

Tasks
Provide a detailed description of each task using the following format:
<b>Task 2 - Project Implementation</b>
Description of Task: Certified blasters from the USFS will lead a crew of employees and volunteers to use explosives to destroy dead Spruce Trees that have a high likelihood of falling into the reservoirs and clogging spillways and dam surfaces. Trees and material that are already in the reservoirs or are introduced to the reservoirs will be removed as well.
Method/Procedure: Using explosives and other USFS approved tools, the team made up of USFS personnel and volunteers will remove trees that are impacting the dam infrastructure.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Removing the hazard trees
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) The Final Report will detail the number of trees that were taken down and the number of trees that were removed from the reservoirs through the project.

**Repeat for Task 3, Task 4, Task 5, etc.**

<b>Budget and Schedule</b>
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Last Update: November 29, 2017

### Budget and Schedule

**Exhibit B - Budget and Schedule:** This Statement of Work shall be accompanied by a combined [Budget and Schedule](#) that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format.

### Reporting Requirements

**Reporting:** The grantee shall provide their respective Roundtable(s) and the CWCB a Progress Report every 6 months, beginning from the date of executed contract. The Progress Report shall describe the status of the water activity, the completion or partial completion of the tasks identified in the Statement of Work – Exhibit A including a description of any major issues that have occurred and any corrective action to address these issues. The CWCB may withhold reimbursement until satisfactory Progress Reports have been submitted.

**Final Deliverable:** At the completion of the water activity, the grantee shall provide their respective Roundtable(s) and the CWCB a final report on the grantee's letterhead that:

- Summarizes the water activity and how the water activity was completed
- Describes any obstacles encountered, and how these obstacles were overcome
- Explains the Proposed Budget versus the Actual Budget
- Confirms that all matching commitments have been fulfilled
- Includes photographs, summaries of meeting and engineering reports/design, if appropriate

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

### Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

### Performance Requirements

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per



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Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



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**Colorado Water Conservation Board****Water Supply Reserve Fund****EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs****Date: (Including all edit dates) 1/2/2018****Water Activity Name: Spruce Lakes Wilderness Reservoir Maintenance Project****Grantee Name: Trout Unlimited National**

<b>Task No.</b> <sup>(1)</sup>	<b>Description</b>	<b>Start Date</b> <sup>(2)</sup>	<b>End Date</b>	<b>Matching Funds</b> (cash & in-kind) <sup>(3)</sup>	<b>WSRF Funds</b> (Basin & Statewide combined) <sup>(3)</sup>	<b>Total</b>
<u>1</u>	Planning and purchasing supplies. The expenses here are for the explosives and det cord	<u>May-18</u>	<u>Aug-18</u>	9,500	33,308	\$0
<u>2</u>	Project Implementation. The expenses during this time period include TU and USFS personnel and travel as well as costs for mule packers.	<u>Sep-18</u>	<u>Sep-18</u>	\$22,880	\$32,192	\$0
	<b>FINAL REPORTING &amp; INVOICING</b>		<b>04/30/2019</b>			\$0
<b>Total</b>				<b>\$32,380</b>	<b>\$65,500</b>	<b>\$97,880</b>

**(1)** The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

**(2)** Start Date for funding under \$100K - 45 Days from Board Approval; Start Date for funding over \$100K - 90 Days from Board Approval.

**(3)** Round values up to the nearest hundred dollars.

- Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

- NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

- Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution

- Standard contracting procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

Prepared Date: 4/5/2018  
 Name of Applicant: Trout Unlimited  
 Name of Project: Spruce Lakes Wilderness Reservoir Maintenance Project



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### Task 1 - Project Planning and Supply Requisition

	Upper Lake Supplies Fire Line Explosives ( \$6/LB)	Lower Lake Supplies Fire Line Explosives ( \$6/LB)	CWCB costs	Subtotal
Estimated Hours				
Project Manager -K. Terry (TU) \$50.39/hr	20			\$ 1,008
Upper Lake FLE- 3,168 lbs.	\$19,008.00			\$ 19,008
Lower Lake FLE- 3,300 lbs.		\$19,800.00		\$ 19,800
Blasting Caps and Det Cord	\$2,000.00	\$2,000.00		\$ 4,000
<b>Task 2 - Mule String (transportation)</b>	<b>days</b>	<b>cost per day</b>		
Mules (String of 10)	7	2000		\$ 14,000
packers (2)	7	795		\$ 5,565
Packer Travel				\$ 1,167

**Task 3- Project Implementation- USFS personnel costs ( Costs are calculated based on the following:**  
 all but one blaster will be on the project for nine days, including travel; one blaster will be on the project for 11days including travel; travel to and from their duty station will be at GSA per diem rates; travel for days on the project site will be at the field per diem rate of \$28/day;overtime is due for work over 40 hours in a week, in order to maximize efficiency it is estimated that each blaster will need 30 hours of overtime in order to work 10 hour days on site and through one weekend.)

	base pay cost	overtime cost	travel cost	
N. Shinkle	\$2,655.00	\$1,182.00	\$368.00	\$ 4,205
L.Tullis	\$3,699.00	\$1,812.00	\$368.00	\$ 5,249
K. Reed	\$2,223.00	\$877.00	\$368.00	\$ 3,468
S. Petesch	\$3,224.00	\$877.00	\$722.00	\$ 4,823
J. Weller	\$1,264.00	\$877.00	\$368.00	\$ 2,509
L. McClure	\$1,711.00	\$585.00	\$168.00	\$ 2,464
C. Davidson	\$2,779.00	\$1,182.00	\$368.00	\$ 4,329
M. Williamson	\$2,255.00			\$ 2,255

<b>Task 4- Project Manager implementation-(TU)</b>	<b>Estimated Hours</b>	<b>hourly rate</b>	<b>travel-</b>	
K.Terry	70	\$50.39		\$ 3,527

<b>Task 4- Project reporting and invoicing</b>	<b>Estimated Hours</b>	<b>hourly rate</b>		
	10	\$50.39		\$ 504

	<b>Landowner Match</b>	<b>USFS match</b>	<b>CWCB funds</b>	
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<b>Project Total</b>				<b>97,881</b>
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<b>Match Breakdown</b>	<b>\$7,581</b>	<b>\$24,800</b>	<b>\$65,500</b>	<b>\$97,881</b>
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## Project Map for Spruce Lakes Wilderness Reservoir Maintenance Project

