



**COLORADO**

Colorado Water  
Conservation Board

Department of Natural Resources

Colorado – Antelope Reservoir Rehabilitation  
Contract CORE No. POGG1 2019-2110  
CMS #

August 6, 2018

Jerry Eller  
P.O. Box 684  
Kremmeling, CO 80459

Dear Grantee:

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 \$30,000.00. This letter authorizes you to proceed with the Antelope Reservoir Rehabilitation 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, Jerry Eller, 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 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

Page 1 of 1

**ORDER**

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

**Number:** POGG1,PDAA,201900002110

**Date:** 8/6/18

**Description:**

PDAA 2500 WSRF - ANTELOPE RESERV. REHAB  
IN CO RIV BASIN

**Effective Date:** 08/06/18

**Expiration Date:** 11/30/19

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**

JERRY ELLER

PO BOX 684

KREMMLING, CO 80459-0684

**Contact:** .

**Phone:** .

**EXTENDED DESCRIPTION**

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$30,000.00	<input type="checkbox"/>
Description:	PDAA 2500 WSRF - ANTELOPE RESERV. REHAB IN CO RIV BASIN					

Service From: 08/06/18

Service To: 11/30/19

**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 = \$30,000.00**



Last Update: May 19, 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>18 January 2018</b>
<b>Water Activity Name:</b>	<b>Antelope Reservoir Rehabilitation</b>
<b>Grant Recipient:</b>	<b>Jerry Eller</b>
<b>Funding Source:</b>	<b>Basin Account Request</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>Antelope reservoir, located about 12 miles north of Kremmling, stores approximately 350 acre-feet. The primary use is for irrigation of a 200 acre hay meadow. The reservoir is located on public land with water rights belonging to the applicant.</p> <p>A 2014 state dam inspection found a number of items at the reservoir that required action. Follow up video inspection of the outlet pipe found a significant amount of rust, requiring a repair of the pipe. Due to state dam inspector requirements, any outlet pipe repair must be designed by a dam engineer.</p> <p>The project is defined by four parts: the first is engineering and reporting for the discharge pipe rehabilitation. The second phase is discharge pipe repairs and is the major cost component requiring a specialized contractor. The third phase is replacement of the broken stem casing for the head-gate valve. The final phase is earthwork and includes repairing of scarping and removal of vegetation on the upstream face of the dam, plus grading the crest of the dam.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<ol style="list-style-type: none"><li>1. Engineering and reporting for the outlet pipe repair.</li><li>2. Repair of the 24in x 170ft outlet piping, likely by Cured in Place Pipe (CIPP) lining.</li><li>3. Replace the stem casing that operates the gate valve on the outlet pipe.</li><li>4. Earthwork on the dam including scarping repair, vegetation removal, and crest grading.</li></ol>	



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 1 - Engineering and Reporting</u></b>
Description of Task:  The state dam inspector views repairs of the reservoir as a major repair and requires the repair to be designed by a dam engineer. The design must be approved by the state dam inspector prior to construction. After construction is complete, final report from the engineer must be submitted to the state dam inspector.
Method/Procedure:  We have contracted Tessa Water, LLC for engineering, construction observation, and reporting for the discharge pipe repairs.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
There are two deliverables: <ol style="list-style-type: none"><li>1. Construction drawings for repairs of the discharge pipe to be approved by the state dam inspector</li><li>2. A construction observation report to be submitted to the state dam inspector</li></ol>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The CWCB will receive both finalized documents described above.



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 2 – Repair of the discharge pipe</u></b>
Description of Task:  The repair of the reservoir discharge pipe will most likely be done by lining the existing corrugated metal pipe with cured in place pipe (CIPP). The CIPP pipe will seal against the existing pipe to prevent further rusting and keep water from infiltrating the center of the dam.
Method/Procedure:  This task will be completed by a contractor capable of meeting the requirements from the design described in task 1. A contractor will be hired after the design is approved by the state dam inspector.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
The discharge pipe will be lined from the head-gate to the discharge. The construction contractor must meet the approved design requirements and quality assurance provided from task 1.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The CWCB will receive the final construction report of the pipe repair, as detailed in task one.



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 3 – Replace the stem casing</u></b>
Description of Task:  Water discharge from the reservoir is controlled by a head-gate valve. The head-gate is operated by a wheel attached to a long steel stem. The stem is cased by a larger steel pipe to prevent the stem from buckling. The casing is broken in the center and allows the stem to bend in the center when the head-gate is closed. The casing need to be replaced to protect the stem from failing so the head-gate can continue to be opened and closed.
Method/Procedure:  We are planning to self-performed this task. The head-gate will be disconnected to allow the casing pipe to be removed. A new steel casing pipe will be placed over the stem and the head-gate will be connected. The head-gate will then be tested to ensure operation.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
The stem casing will be replaced with a new casing pipe which does not compromise the operation of the head-gate.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The CWCB will receive a report of the construction details with photos showing that the task has been accomplished.



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 4 – Earthwork</u></b>
Description of Task:  The most recent state dam inspection included three other actions. Repairs on the upstream slope in a section where scarping has taken place, removal of willow growing on the slope, and grading of the crest where tire ruts have formed.
Method/Procedure:  We are planning to self-perform this task with the use of our own equipment. The section of scarping and road grading can be done with a small bull-dozer and fill material. Willows can be removed with the dozer, with herbicides, by controlled burning, or a combination of the three.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
All three repairs described in this task will be complete.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The CWCB will receive a report of the repairs from this task details with photos showing the task accomplished.



Last Update: May 19, 2017

### Budget and Schedule

**Budget:** This Statement of Work and Schedule shall be accompanied by a Budget that reflects the Tasks identified in the Statement of Work and Schedule and shall be submitted to CWCB in an excel format.

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### 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 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 withhold the last 10% of the entire water activity budget until 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.



**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

**Colorado Water Conservation Board****Water Supply Reserve Fund****EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs****Date: 30-Apr-18****Water Activity Name: Antelope Reservoir Rehabilitation****Grantee Name: Jerry Eller**

<u>Task No.(1)</u>	<u>Description</u>	<u>Start Date(2)</u>	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind)(3)	<u>WSRF Funds</u> (Basin & Statewide combined)(3)	<u>Total</u>
1	Engineering and Reporting	Aug 2018	Nov 2018	\$3,100	\$3,100	\$6,200
2	Repair Discharge Pipe	Sept 2018	Nov 2018	\$22,700	\$22,700	\$45,400
3	Replacing Stem Casing	Sept 2018	Nov 2018	\$2,500	\$2,500	\$5,000
4	Earthwork	Sept 2018	Nov 2018	\$1,300	\$1,300	\$2,600
	Final Deliverable/Billing		Nov 2019			
<b>Total</b>				\$29,600	\$29,600	\$59,200

**(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.