

**Water Supply Reserve Fund – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**July 18-19, 2018**  
**Agenda Item 27(a)**

**Applicant & Grantee:** Spicer Ranches, Ltd.  
**Water Activity Name:** Coyte Reservoir Outlet Repair  
**Water Activity Purpose:** Multipurpose (Environmental/Recreational/ & Agricultural)  
**County:** Jackson  
**Drainage Basin:** North Platte  
**Water Source:** Eureka Ditch/Heckla Reservoir  
**Amount Requested:** \$67,600 North Platte Basin Account  
**Matching Funds:** Applicant Match (cash & in-kind) = \$23,000  
• 34% of the Basin Account request (meets 10% min)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$67,600 from the North Platte Basin Account to help fund the project titled: Coyte Reservoir Outlet Repair Project.

**Water Activity Summary:** WSRF grant funds, if approved, will assist Spicer Ranches to complete repairs on the Coyte Reservoir that were identified in the Division of Water Resources Engineer's Inspection Report dated 11-01-2017. The Coyte Reservoir is located on the natural drainage below the Heckla Reservoir and receives return flows from irrigation by the Eureka Ditch. The reservoir is used for recreation as well as irrigation water. The outlet to be repaired irrigates approximately 225 acres of native hay meadows. The irrigation water also provides livestock drinking water and drainage for a natural pond in the center of the hay meadow that is inhabited by various waterfowl. Tasks to be funded include Engineering Services and Outlet Repair Construction.

**Discussion:** As pointed out in the application, this project assists the North Platte Basin Roundtable in meeting Goals 3, 4 and Agricultural needs of the North Plate Basin Implementation Plan.

In addition, this effort helps the state achieve agricultural viability, and storage goals of Colorado's Water Plan, as outlined in Section 10.3, pages 10-10 thru 10-11.

**Issues/Additional Needs:** No issues or additional needs have been identified.

**Eligibility Requirements:** The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

**Evaluation Criteria:** This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair's Recommendation Letter and the WSRF Grant Application for applicant's detailed response.

**Funding Summary/Matching Funds:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>	<b><u>Status</u></b>
Spicer Ranches, Ltd.	\$10,000	\$13,000	\$23,000	Secured
WSRF North Platte Basin Account	\$67,000	n/a	\$67,600	Pending
<b>Total</b>	<b>\$77,000</b>	<b>\$13,000</b>	<b>\$90,600</b>	

**CWCB Project Manager:** Craig Godbout

## ***NORTH PLATTE BASIN ROUNDTABLE***

Wm. Kent Crowder, Chair  
P.O. Box 1019  
Walden, Colorado 80480

FAX (970) 723-4706  
(970) 723-4660

May 23, 2018

Mr. Craig Godbout - WSRA Application  
Colorado Water Conservation Board  
1313 Sherman St., Room 721  
Denver, CO 80203

Re: Water Supply Reserve Fund Grant Application for Coyte Reservoir Outlet Repair  
submitted by Spicer Ranches, Ltd. - \$67,600 from Basin Account WSR Funds

Dear Mr. Godbout:

This letter is to advise you that the WSRF grant application submitted by Spicer Ranches, Ltd., requesting \$67,600 from Basin Account WSR Funds was reviewed and evaluated by the North Platte Basin Roundtable and was approved by a unanimous favorable vote of nine (9) voting members present at the North Platte Basin Roundtable meeting held on the 22nd day of May, 2018. Because there were no dissenting votes, a minority report is not required.

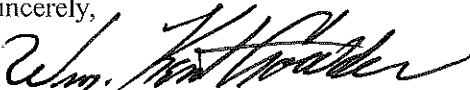
The WSRF funding will be used to complete repairs required to the Coyte Reservoir that were identified in a Division of Water Resources Engineer's Inspection Report dated 11-01-2017. The existing pipe and head gate will be replaced with a new structure that will allow water users to control the amount of water entering the ditch as well as provide a positive shut-off at the water source. The proposed structure is critical in the delivery of irrigation water to irrigated ground and is needed to effectively and efficiently control and regulate the irrigation water.

The Coyte Reservoir is located on the natural drainage below the Heckla Reservoir and receives return flows from irrigation by the Eureka Ditch. The reservoir is used for recreation as well as irrigation water. The outlet to be repaired irrigates approximately 225 acres of native hay meadows. The irrigation water also provides livestock drinking water and drainage for a natural pond in the center of the hay meadow that is inhabited by various waterfowl.

Several goals set forth in the North Platte Basin Implementation Plan are addressed by the project. The preserved storage helps to maintain and maximize the consumptive use of water in the basin while helping to maintain important existing water infrastructure. In addition, the multiple purpose uses of the reservoir help to directly maintain healthy wetlands while showcasing the beneficial relationship between agricultural and environmental and recreational water use.

Please feel free to call me with any questions that you may have regarding the North Platte Basin Roundtable meeting or our level of support for this project.

Sincerely,



Wm. Kent Crowder, Chair  
North Platte Basin Roundtable



Last Update: August 3, 2017

## Colorado Water Conservation Board

### Water Supply Reserve Fund Grant Application

#### Instructions

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

#### Arkansas

Ben Wade  
[ben.wade@state.co.us](mailto:ben.wade@state.co.us)  
303-866-3441 x3238

#### Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout  
[craig.godbout@state.co.us](mailto:craig.godbout@state.co.us)  
303-866-3441 x3210

#### Colorado | Metro | Rio Grande | Southwest

Megan Holcomb  
[megan.holcomb@state.co.us](mailto:megan.holcomb@state.co.us)  
303-866-3441 x3222

#### WSRF Submittal Checklist (Required)

X	I acknowledge this request for funding was recommended for CWCB approval by the sponsoring Basin Roundtable(s).
X	I acknowledge I have read and understand the <a href="#">2016 WSRF Criteria and Guidelines</a> .
X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> . <sup>(1)</sup>
Exhibit A	
X	<a href="#">Statement of Work</a> <sup>(2)</sup> (Word – see Exhibit A Template)
X	<a href="#">Budget &amp; Schedule</a> <sup>(2)</sup> (Excel Spreadsheet – see Exhibit A Template)
	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
Exhibit C	
X	Map <sup>(2)</sup>
X	Photos/Drawings/Reports
	Letters of Support
	Certificate of Insurance <sup>(3)</sup> (General, Auto, & Workers' Comp.)
Contracting Documents	
	Certificate of Good Standing <sup>(3)</sup>
	W-9 <sup>(3)</sup>
	Independent Contractor Form <sup>(3)</sup> (If applicant is individual, not company/organization)
	Electronic Funds Transfer (ETF) Form <sup>(3)</sup>

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



Last Update: August 3, 2017

Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	May
Desired Notice to Proceed Date:	

Water Activity Summary		
Name of Applicant	Spicer Ranches, Ltd.	
Name of Water Activity	Coyte Reservoir Outlet Repair	
Approving Roundtable(s)		Basin Account Request(s) <sup>(1)</sup>
North Platte Basin Round Table		67,600
Basin Account Request Subtotal		\$67,600
Statewide Account Request <sup>(1)</sup>		\$0
Total WSRF Funds Requested (Basin & Statewide)		\$67,600
Total Project Costs		\$90,600

(1) Please indicate the amount recommended for approval by the Roundtable(s)

## Grantee and Applicant Information



Last Update: August 3, 2017

Grantee and Applicant Information	
Name of Grantee(s)	Spicer Ranches, Ltd.
Mailing Address	13241 Highway 14, Walden, CO 80480
FEIN	84-1159503
Grantee's Organization Contact <sup>(1)</sup>	Coy Meyring
Position/Title	Managing General Partner
Email	coymeyring@hotmail.com
Phone	806-676-2347
Grant Management Contact <sup>(2)</sup>	Coy Meyring
Position/Title	Managing General Partner
Email	coymeyring@hotmail.com
Phone	806-676-2347
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

**(1)** Person with signatory authority

**(2)** Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>Spicer Ranches, Ltd is a ranching operation that is owned and operated by Coy Meyring and his family. The ranch has been owned by the Meyring's and their decedents since the late 1880's. The primary business involves production of cattle and hay. Where irrigation water is available, it is used to raise hay for winter livestock feed or irrigated pasture for summer grazing. The non-irrigated lands are used for livestock grazing and provide a habitat for a wide variety of wildlife species that make the ranch their home.</p>



Last Update: August 3, 2017

Type of Eligible Entity (check one)	
	<b>Public (Government):</b> municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	<b>Private Incorporated:</b> mutual ditch companies, homeowners associations, corporations
X	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	<b>Non-governmental organizations:</b> broadly, any organization that is not part of the government
	<b>Covered Entity:</b> as defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a>

Type of Water Activity (check one)	
	Study
X	Implementation

Category of Water Activity (check all that apply)		
X	Nonconsumptive (Environmental)	
X	Nonconsumptive (Recreational)	
X	Agricultural	
	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Jackson County
Latitude	40° 29'05.13 N
Longitude	106° 25'42.60 W



Last Update: August 3, 2017

### Water Activity Overview

Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.

The WSRF funding will be used to complete repairs on the Coyte Reservoir that were identified in the Division of Water Resources Engineer's Inspection Report dated 11-01-2017. The Coyte Reservoir is located on the natural drainage below the Heckla Reservoir and receives return flows from irrigation by the Eureka Ditch. The reservoir is used for recreation as well as irrigation water. The outlet to be repaired irrigates approximately 225 acres of native hay meadows. The irrigation water also provides livestock drinking water and drainage for a natural pond in the center of the hay meadow that is inhabited by various waterfowl.

### Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
38.48	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
250	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
	Other	Explain:





Last Update: August 3, 2017

### Water Activity Justification

Provide a description of how this water activity supports the goals of [Colorado's Water Plan](#), the most recent [Statewide Water Supply Initiative](#), and the respective [Roundtable Basin Implementation Plan](#) and [Education Action Plan](#) <sup>(1)</sup>. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).

For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in [2016 WSRF Criteria and Guidelines](#)).

The water project will:

1. Restore, maintain and modernize water infrastructure to preserve current uses and increase efficiencies per Section 1 Goal 3 of the North Platte Basin Implementation Plan.
  - a. The current storage restriction will effectively dry up the existing hay meadows and wetland areas currently served by the Coyte Reservoir.
  - b. Completed repairs will restore and modernize the existing storage infrastructure and then allow water under an existing water right to be consumptively used for the production of hay.
2. Continue to help maintain healthy wetlands as identified in Section 1 Goal 4 of the North Platte Basin Implementation Plan.
  - a. Wetlands currently exist in and around the meadows irrigated by the Coyte Reservoir.
  - b. Managed irrigating activities ensure the wetland areas are maintained and recharged.
3. Support non-consumptive use
  - a. Operation of the Coyte Reservoir in the past has supported a very healthy fishing habitat. Recreational activities related to the Coyte Reservoir have provided incremental revenue to the ranching business.
4. Supports and provides Agricultural growth and demands as defined in Section 2 Basin Needs of the North Platte Basin Implementation Plan.



Last Update: August 3, 2017

### Water Activity Justification

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

### Matching Requirements: Basin Account Requests

**Basin (only) Account** grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3<sup>rd</sup> party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind)
Spicer Ranches, Ltd.	\$10,000 cash



Last Update: August 3, 2017

Matching Requirements: Basin Account Requests	
Spicer Ranches, Ltd	\$13,000 in-kind labor and equipment
Total Match	\$ 23,000
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	No waiver requested

Matching Requirements: Statewide Account Requests	
<b>Statewide Account</b> grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 <sup>rd</sup> party) and shall be accompanied by a <b>letter of commitment</b> . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
N/A	
Total Match	\$
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.



Last Update: August 3, 2017

### Related Studies

N/A

### Previous CWCB Grants

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order

None

### Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

None



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> (include all edit date)	<b>4-16-2018, 5-23-2018</b>
<b>Water Activity Name:</b>	<b>Coyte Reservoir Outlet Repair</b>
<b>Grant Recipient:</b>	<b>Spicer Ranches, Ltd.</b>
<b>Funding Source:</b>	<b>North Platte Basis Roundtable</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 WSRF funding will be used to complete repairs on the Coyte Reservoir that were identified in the Division of Water Resources Engineer's Inspection Report dated 11-01-2017. The existing pipe and head gate will be replaced with a new structure that will allow water users to control the amount of water entering the ditch as well as provide a positive shut-off at the water source. The proposed structure is critical in the delivery of irrigation water to irrigated ground and is needed to effectively and efficiently control and regulate the irrigation water.</p> <p>The Coyte Reservoir is located on the natural drainage below the Heckla Reservoir and receives return flows from irrigation by the Eureka Ditch. The reservoir is used for recreation as well as irrigation water. The outlet to be repaired irrigates approximately 225 acres of native hay meadows. The irrigation water also provides livestock drinking water and drainage for a natural pond in the center of the hay meadow that is inhabited by various waterfowl.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<ol style="list-style-type: none"><li>1. To safely, effectively and efficiently control water released from the Coyte Reservoir</li><li>2. To create a positive shut-off for water source of the Coyte Reservoir</li><li>3. To improve irrigation water management</li><li>4. To continue to create irrigation induced wetlands and riparian areas for wildlife habitat</li><li>5. To continue to provide recreation opportunities</li></ol>	



Last Update: November 29, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 1 – Engineering Services for Coyte Dam Repair</u></b>
Description of Task:
<p>W. W. Wheeler and Associates (Wheeler) will perform a site visit to Coyte Reservoir as soon as the dam is accessible. During our site visit, we will verify some of the key dimensions with a hand level and cloth tape to confirm some of the key information on the Record Drawings.</p> <p>Based on conversations with Dana Miller, the Division 6 Dam Safety Engineer, Wheeler understands that the State Engineer would consider this work to be covered under Rule 6.1.3 of the State of Colorado Rules and Regulations for Dam Safety and Dam Construction (Rules). Wheeler will prepare construction drawings to replace the east (right side looking downstream) outlet conduit with a new upstream control slide gate and access platform. We will also prepare limited technical specifications for constructing the work. Wheeler will prepare a brief design letter report along with the Drawings and Specifications for the State Engineer's information. Wheeler will also prepare a brief opinion of construction costs that is provided in Task 2 for the construction repair of the dam. Wheeler will assist the Owner in the Contractor selection process.</p> <p>During the construction period, Wheeler will provide limited construction observations to meet the requirements of the State Rules. Wheeler will also subcontract soils and concrete materials testing to Kumar and Associates, Inc. (Kumar) as needed. During construction, Wheeler will also have a video inspection crew perform a video inspection of the three outlet works conduits and provide a condition assessment of these conduits following completion of construction.</p>
Method/Procedure:
<p>W.W. Wheeler and Associates, Inc. in Englewood CO has been contracted in accordance with the Division of Water Resources DWR requirements to have a professional engineer produce engineering plans and provide construction inspections.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<p>Wheeler will provide Spicer Ranches with specifications and drawings in accordance with the State Dam Safety regulations to complete the repair of Coyte Dam. Wheeler will also provide a video inspection the outlet conduits and a condition assessment of the remaining conduits.</p>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<p>Spicer Ranches will provide CWCB with the approved construction drawings and specifications required for the dam repair.</p>



Last Update: November 29, 2017

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 2 – Outlet Repair Construction</u></b>
Description of Task:  The Coyte Outlet repair construction will involve the excavation and removal of the existing 18-inch-diameter CMP outlet pipe located near the emergency spillway. A new 18-inch-diameter PVC outlet will be installed. The new installation will include approximately 80 feet of new PVC pipe that will have a concrete cradle installed to spring line. A filter diaphragm will be installed along the downstream toe as per DWS requirements. A new concrete headwall and 18-inch canal gate will be installed at the intake in the reservoir. An access catwalk will be installed from the dam crest to the canal gate to allow for gate operation throughout the year.
Method/Procedure:  A contractor will be hired to remove the existing structure and install the new outlet structure per the specifications and drawings.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)  Contractor will make the repairs in accordance with the rules and regulations, and thus allowing the State to remove the storage restriction and allow Spicer Ranches to store water to the normal pool in Coyte Reservoir.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)  Spicer Ranches will send a letter stating completion date of structure to CWCB. In addition to the letter, Spicer Ranches will send a copy of the Final Completion Report that will be submitted to the State Engineer by Wheeler.

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



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.



**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: (Including all edit dates) 4-05-2018, 5-23-2018****Water Activity Name: Coyte Reservoir Outlet Repair****Grantee Name: Spicer Ranches, Ltd.**

<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>
1	Engineering Services for Coyte Dam Repair	8/12018	12/31/2018	\$ 10,000	\$ 16,600	\$26,600
2	Outlet Repair Construction	8/1/2018	12/31/2018	\$ 13,000	\$ 51,000	\$64,000
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
<b>Total</b>				<b>\$23,000</b>	<b>\$67,600</b>	<b>\$90,600</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.

**Spicer Ranches Ltd.**  
**Coyte Reservoir Dam Repair**  
**TASK 1 - Engineering Services for Coyte Dam Repair**

<b>Expense Estimate</b>								
	lab Testing	Mileage	Lodging	Copies (B and W plots )	Copies (Color Ledger)	Copies (Color Letter)	Copies (B&W Letter)	Total
	ls	\$0.65	\$100.00	\$2.00	\$1.00	\$0.50	\$0.15	
Design Drawings				30				\$60.00
Design Letter					20	50	150	\$67.50
Design Specifications							150	\$22.50
Site Visit/Construction Observation		2000	10					\$2,300.00
Lab Testing	750							\$750.00
<b>Total</b>								<b>\$3,200.00</b>

<b>Labor Estimate (hours)</b>								
	Senior Project Engineer	Associate Engineer	CADD Technician	Administrative Assistant	Snowbridge Inc	Kumar & Associates		Total
	\$153.00	\$108.00	\$77.00	\$72.00	\$2,850.00	\$65.00		
Site Visit and Outlet Video Inspection		8			1			\$3,714.00
Prepare Design Drawings	2	24	16					\$4,130.00
Design Calcs and Report	4	24		1				\$3,276.00
Design Specifications	4	16		1				\$2,412.00
Construction Cost Opinion	2	8						\$1,170.00
Construction Administration & Observation	4	40		2				\$5,076.00
As-Constructed Drawings	2	4	12					\$1,662.00
Kumar & Associates Sampling and Testing		0				30		\$1,950.00
<b>Total</b>								<b>\$23,390.00</b>
<b>Total Hours</b>	18	124	28	4		30		204

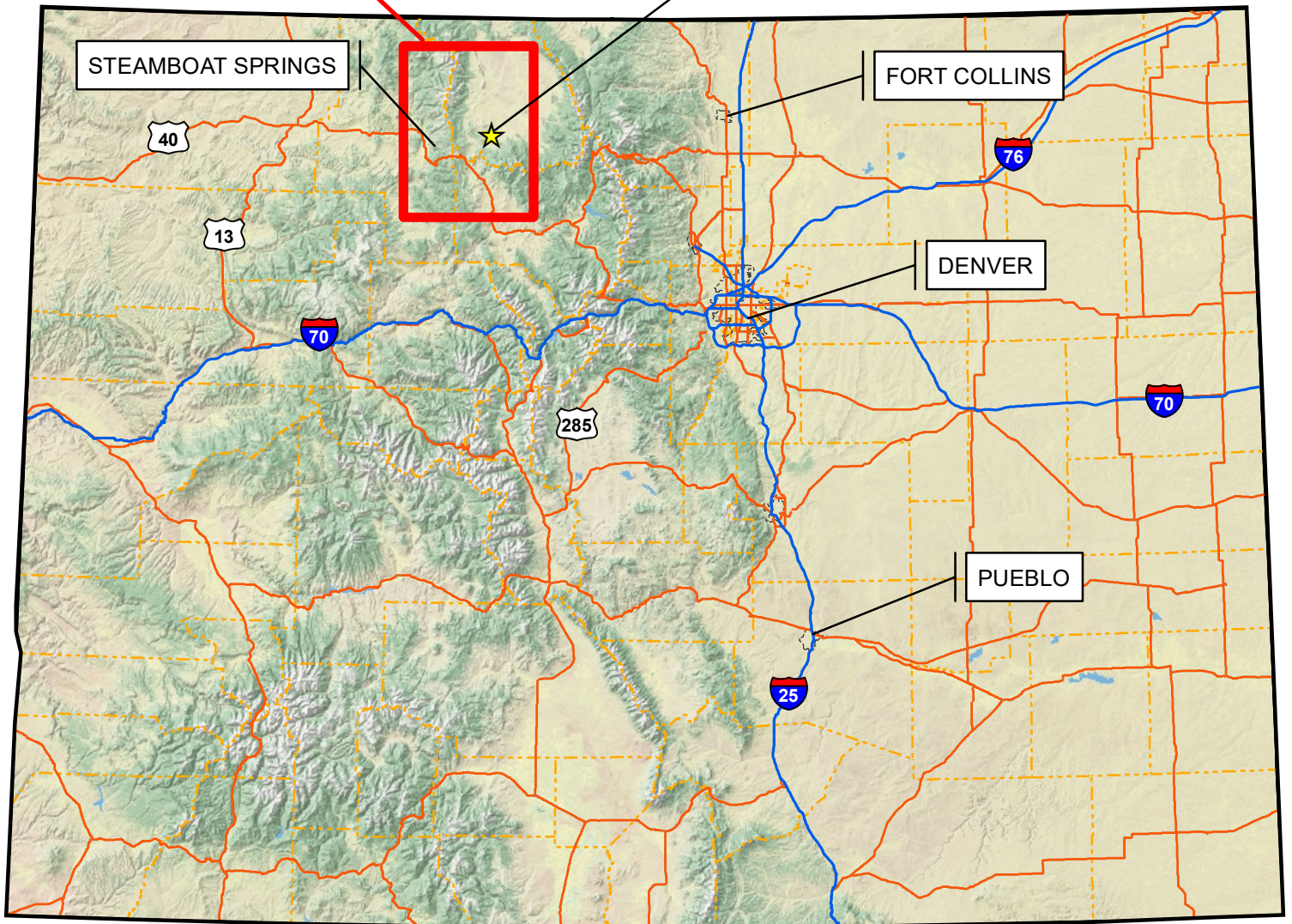
<b>Project Total</b>	<b>\$26,600</b>
----------------------	-----------------

**COYTE RESERVOIR OUTLET REPAIR**  
**COST OPINION**  
 SPICER RANCHES

Item No.	Description	Unit	QTY.	Unit Price	Total Cost
<b>Mobilization</b>					
1	Mobilization, Bonds, Insurance & General Conditions	LS	1	\$10,000	<b>\$10,000</b>
<b>Preparatory Work</b>					
2	Clear and Grub	AC	1	\$1,300	\$1,300
<b>Subtotal</b>					<b>\$1,300</b>
<b>Outlet Repair</b>					
3	Excavation of Existing Outlet Structure	CY	700	\$9.00	\$6,300
4	New Concrete Headwall	LS	1	\$11,000	\$11,000
5	New 18" C20 Canal Gate	LS	1	\$5,000	\$5,000
6	Furnish and Install 18-inch PVC Outlet Pipe	LF	80	\$34	\$2,720
7	Furnish and Install Concrete Pipe Cradle	CY	7	\$600	\$4,200
8	Furnish and Install Filter Diaphragm	CY	3	\$250	\$750
9	Fill and Compact Embankment	CY	700	\$12	\$8,400
10	Furnish and Install Riprap	CY	2	\$315	\$630
11	Furnish and Install Outlet Access Catwalk	LS	1	\$5,000	\$5,000
<b>Subtotal</b>					<b>\$44,000</b>
<b>TOTAL BASE BID COST</b>					<b>\$55,300</b>
	Construction Contingency (15% Construction Total)				<b>\$8,295</b>
<b>TOTAL BASE BID COST PLUS CONSTRUCTION CONTINGENCY</b>					<b>\$64,000</b>
<b>TOTAL ESTIMATED CONSTRUCTION COST</b>					<b>\$64,000</b>

**FIGURE 2:  
VICINITY MAP**

**PROJECT  
LOCATION**



0 50 100  
Miles

**MAY 2018**



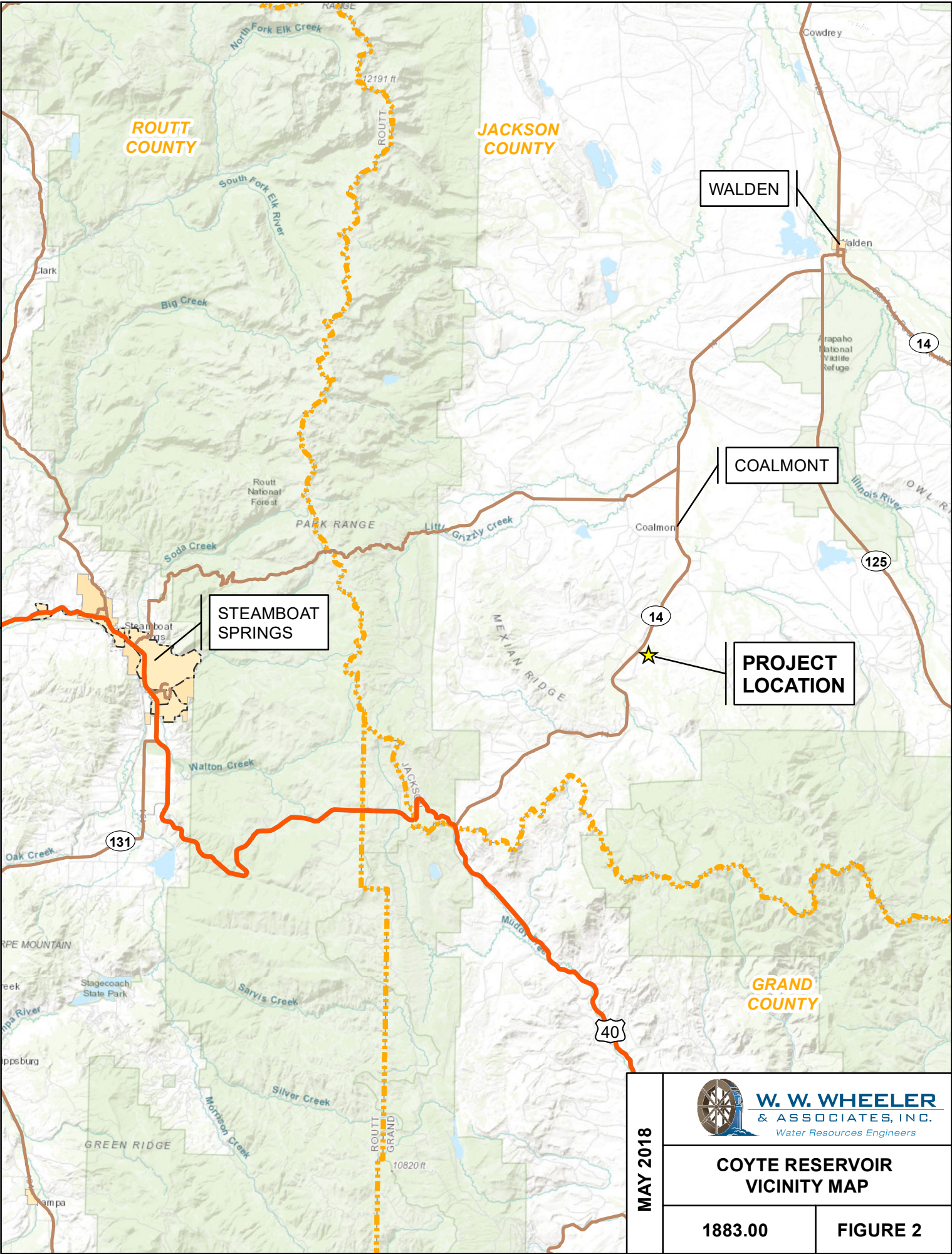
**W. W. WHEELER  
& ASSOCIATES, INC.**  
Water Resources Engineers

**COYTE RESERVOIR  
STATE MAP**

**1883.00**

**FIGURE 1**










COYTE  
RESERVOIR



0 500 1,000 Feet

MAY 2018	 <b>W. W. WHEELER</b> & ASSOCIATES, INC. <i>Water Resources Engineers</i>	
	<b>COYTE RESERVOIR PROJECT LOCATION</b>	
	1883.00	FIGURE 3