

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
March 22, 2018
Agenda Item 25(k)

Applicant: Huerfano County Water Conservancy District

Water Activity Name: Cucharas Collaborative Storage Study - Geotechnical Investigation

Water Activity Purpose: Study

County: Huerfano County

Drainage Basin: Arkansas

Water Source: Cucharas River Basin

Amount Requested/Source of Funds: \$8,480 Arkansas River Basin Account
\$84,797 Statewide Account
\$93,277 Total Grant Request

Matching Funds: Basin Account Match (\$8,480) = 10% of Statewide Account request (meets 10% min);
Applicant's Cash Match (\$48,760) = 57.5% of Statewide Account request (meets 10% min);
Total Match (Basin & Applicant Match of \$57,240 = 67.5% of Statewide Account request (meets 50% min). (refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval of up to \$8,480 from the Arkansas River Basin Account and \$84,797 from the Statewide account to help fund the study titled: Cucharas Collaborative Storage Study - Geotechnical Investigation

Water Activity Summary: If funded, the goal of this project is to evaluate the suitability of five potential dam sites for construction of a reservoir that will provide collaborative storage in the Cucharas River Basin. The five sites were selected based on results of the previous phase of the storage study (WSRF funded Cucharas Basin Collaborative Storage Study) completed in June 2017.

The geotechnical investigation will focus on the subsurface geology at each proposed dam site and evaluate site suitability based on factors such as foundation stability and potential seepage concerns. Lab analyses of subsurface soil samples will be collected from test pits excavated at each site. Soil samples will be analyzed to determine geotechnical properties important in dam foundation design, and drilling will extend to bedrock in at least one location at each site to evaluate bedrock permeability and stability. A geotechnical report with recommendations on site suitability for reservoir engineering design and construction will be developed based on these results.

Discussion: This project is consistent with goals set forth in the Colorado Water Plan Objective E, Storage: Promote Additional Storage and Infrastructure - *Assess and promote opportunities for multipurpose and multi-partner storage projects that address strategic needs.* This project also supports: *Prioritize grants and loans to support the implementation of BIP-identified multipurpose projects and methods, taking into consideration locally identified geographic and seasonal gaps.*

The project also supports Objective A of the Water Plan, Supply-Demand Gap: *“Use a grassroots approach to formulate projects and methods that avoid some of the undesirable outcomes of the supply-demand gaps”.* This project is based on the recommended priority storage sites identified through a multi-partner grassroots process.

Issues/Additional Needs: None.

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 staff has determined it satisfies the Evaluation Criteria outlined in Colorado’s Water Plan, Section 9.4. Please refer to Basin Roundtable Chair’s Recommendation Letter and the Application for a detailed response.

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Huerfano County Water Conservancy District	\$10,000	\$0	\$10,000
Cucharas Water & Sanitation District	\$5,000	\$0	\$5,000
City of Walsenburg	\$5,000	\$0	\$5,000
La Veta Fire Protection District	\$1,500	\$0	\$1,500
Town of La Veta	\$5,000	\$0	\$5,000
Marshall Moore, Cuchara Investments	\$3,870	\$0	\$3,870
Huerfano Co. Board of County Commissioners	\$5,000	\$0	\$5,000
Maria Lake Grazing Association	\$5,000	\$0	\$5,000
WSRF Arkansas Basin Account	\$8,480	n/a	\$8,480
WSRF Statewide Account	\$84,797	n/a	\$84,797
Total Project Costs	\$133,557	\$0	\$133,577

CWCB Project Manager: Ben Wade

Arkansas Basin Roundtable

January 10, 2018

Via Electronic Mail: ben.wade@state.co.us

Mr. Ben Wade
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203

Re: Water Supply Reserve Fund Grant Application: Cuchara Collaborative Storage Study – Geotechnical Investigation

Dear Ben:

At its January 10, 2018 meeting, the Arkansas Basin Roundtable (ABRT) approved the Cuchara Collaborative Storage Study – Geotechnical Investigation project grant application for \$8,480 in Basin Funds and \$84,797 in Statewide Funds. The Applicant is providing \$40,280 in matching funds and in-kind contributions. There were no dissenting opinions expressed in the consensus decision. Regarding the Colorado Water Plan, this project directly supports Objective E., Storage: Promote Additional Storage and Infrastructure - *Assess and promote opportunities for multipurpose and multi-partner storage projects that address strategic needs.* This project also supports: *Prioritize grants and loans to support the implementation of BIP-identified multipurpose projects and methods, taking into consideration locally identified geographic and seasonal gaps.*

In addition, the progress of the Cuchara Collaborative Storage Study is an excellent demonstration of Colorado Water Plan Objective A., Supply-Demand Gap: *Use a grassroots approach to formulate projects and methods that avoid some of the undesirable outcomes of the supply-demand gaps.* This Geotechnical Investigation is based on the recommended priority storage sites identified through an energetic grassroots process.

Should you have any questions or concerns, please feel free to contact me either by telephone, 719-310-2083, or by email, mshea@csu.org.

With warm regards



Mark Shea, Vice-Chair

Copy via email:

Applicant
Mr. Ben Wade
ABRT Executive Committee



Last Update: November 11, 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
303-866-3441 x3238

Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout
craig.godbout@state.co.us
303-866-3441 x3210

Colorado | Metro | Rio Grande | Southwest

Megan Holcomb
megan.holcomb@state.co.us
303-866-3441 x3222

WSRF Submittal Checklist (Required)

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

(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: November 11, 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:	March, 2018
Desired Notice to Proceed Date:	June, 2018

Water Activity Summary	
Name of Applicant	Huerfano County Water Conservancy District
Name of Water Activity	Cucharas Collaborative Storage Study - Geotechnical Investigation
Approving Roundtable(s)	Basin Account Request(s) ⁽¹⁾
Arkansas	\$ 8,480
Basin Account Request Subtotal	
Statewide Account	\$ 84,797
Total WSRF Funds Requested (Basin & Statewide)	\$ 93,277
Total Project Costs	\$133,557

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



Last Update: November 11, 2017

Grantee and Applicant Information	
Name of Grantee(s)	Huerfano County Water Conservancy District
Mailing Address	P.O. Box 442, La Veta, CO 81055
FEIN	84-0935026
Grantee's Organization Contact ⁽¹⁾	Scott King
Position/Title	District President
Email	slking@centurylink.net
Phone	719-742-3124; 719-680-0784 [M]
Grant Management Contact ⁽²⁾	Carol Dunn
Position/Title	District Administrator
Email	cdunn@cad-1.com or hcwcdistrict@gmail.com
Phone	719-742-3597 [W], 719-989-7259 [M]
Name of Applicant (if different than grantee)	SAME
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>The Huerfano County Water Conservancy District (HCWCD or District), formed by court decree in 1971 pursuant to the Water Conservancy Act, responds to local and regional needs by protecting and stabilizing the county's water resources, including the Huerfano and Cucharas Rivers, tributary streams and groundwater. Active in several county-wide collaboratives, the District also participates in the Arkansas River Watershed Collaborative (ARWC), and is an active participant in the Arkansas Basin Roundtable (ABRT) itself where, since the District has been de-Bruced, it acts as applicant or fiscal agent for grants funding ABRT's BIP Coordinator as well as other members' projects.</p>



Last Update: November 11, 2017

Type of Eligible Entity (check one)	
	Public (Government): 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.
√	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
√	Study [geotechnical investigation of identified preferred storage sites]
	Implementation

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

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Huerfano
Latitude	37.62° N
Longitude	- 104.78° W



Last Update: November 11, 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.

This geotechnical investigation continues the Cucharas Collaborative Storage Study, Project #2015-0007 on the Master Needs List (IPP) of the Arkansas Basin Implementation Plan and funded in large part by CWCB. The final report of the initial phase is available online at <https://applegategroup.sharefile.com/d-s61404cc1e41461a8>; the report's executive summary is included as part of Exhibit C.

The initial phase was initiated in response to the significant loss of storage capacity in the Cucharas River Basin, over 70% since WWII, and identified five "preferred joint storage sites," based on an analysis of storage need in the basin and existing infrastructure, feasibility level cost estimates, preliminary design drawings, permitting requirements, and funding opportunities. Site visits to 26 existing reservoir sites and seven potential sites initially winnowed the choices down to thirteen sites. Of those, based on the ability to fill in priority (typically by exchange), construction and maintenance costs, etc., five preferred sites were selected. They have a cumulative storage capacity of 2,314 a.f.

The initial report established the next necessary phase as being "to gather site-specific geotechnical data that can be used to refine the feasibility level designs and cost estimates...resulting in a better understanding of total construction costs." That is the work for which funding is now sought.

Measurable Results

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

2314	New Storage Created (acre-feet)	
3103	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
	Other	Explain:



Last Update: November 11, 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](#) ⁽¹⁾. 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](#)).

This project is aligned with Colorado's water values, described at pp 9-43 and 9-44 of the Colorado Water Plan, as follows:

- **The project proponent, HCWCD, has a commitment to collaboration.** This project is directed by a collaborative of some twenty members, formed in 2015 at the suggestion of the Division 2 Engineer, to meet the storage needs in the Cucharas River Basin and incorporating a variety of needs – municipal, agricultural, recreational, drought protection, and wildfire suppression. This broad set of stakeholders has had ample opportunity to provide input at 10 noticed public meetings, including one teleconference, to which they were individually invited.
- **The project addresses an identified water gap.** A state-wide shortage of storage is called out as a primary gap by the Colorado Water Plan § 1.6 and the Arkansas BIP in which increased storage is listed as a “goal,” § 1.6.1, p. 10, a “critical element,” § 6.2, p. 251, a “priority,” p. 5, and a “theme,” § 1.2.1, p. 6. Indeed this storage project is listed on the BIP's Master Need List (IPP) as Project #2015-0007.
- **The project proponent demonstrates sustainability.** Huerfano County, through which the Cucharas River arises and flows en route to the Arkansas, is one of the poorest and driest counties in the state. For example, over 23% of the population (v. 11.5% statewide) lives below the federal poverty level, and over 30% of families are on food stamps. This project to restore storage to the basin will contribute to improved prosperity in a depressed rural area. In addition, the collaborative which sponsors this project represents all appropriate local governments, each of which financially support these efforts to the maximum extent possible as demonstrated by their letters of commitment.
- **The project is fiscally and technically feasible.** As demonstrated by the related studies from phase 1, described in the “related studies” section below, this phase of the project (geotechnical data collection) is necessary and feasible.

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



Last Update: November 11, 2017

Matching Requirements: Basin Account Requests

Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd 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)
Total Match	\$
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests

Statewide Account 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 3rd party) and shall be accompanied by a **letter of commitment**. Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (all cash):
Huerfano County Water Conservancy District (Applicant)	\$10,000
Cucharas Sanitation and Water District	\$5,000
City of Walsenburg	\$5,000
La Veta Fire Protection District	\$1,500
Town of La Veta	\$5,000
Marshall Moore, Cuchara Investments	\$3,780
Huerfano County Board of County Commissioners	\$5,000
Maria Lake Grazing Association	\$5,000
Roundtable Basin Account	\$8,480
Total Match	\$48,760
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	N/A



Last Update: November 11, 2017

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.

Related studies include:

- Cuchara Basin Collaborative Storage Study, Task 1, Storage Needs Assessment, prepared for Huerfano County Water Conservancy District (Cucharas River Storage Collaborative) by ParsonsWater and Applegate Group, Inc., July 2016, 28 pp.
- Cuchara Basin Collaborative Storage Study, Task 2 Screening and Cost-Benefit Analysis, prepared for Huerfano County Water Conservancy District (Cucharas River Storage Collaborative) by ParsonsWater and Applegate Group, Inc., June 2017, 255 pp.

The overall water project is complementary to the CWCB's Decision Support System in that it:

- Completed "a water budget for the Cucharas River, including an inventory of all municipal, irrigation, industrial, recreational and environmental demands and consumptive uses by means of StateWB (available from CWCB) or a compatible model approved by CWCB, using inflow, outflow, and change-in-storage information to generate an overall water budget or water balance summary, current and future (2050), for the Cucharas basin"; and
- Conducted "water resources planning modeling using StateMod covering the Cucharas mainstem and those tributaries from which the Collaborators' storage facilities derive their supplies."

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

A CWCB WSRF grant was awarded for a previous phase of this project:

- 1) Applicant: Huerfano County Water Conservancy District
- 2) Activity Name: Cucharas Basin Collaborative Storage Study
- 3) Approving RT: Arkansas
- 4) CWCB board meeting date: September, 2015
- 5) Contract number CTGG1 2016-1053; PO date: 12/7/2015
- 6) Percent other CWCB funding: 88% from WSRA basin and state-wide accounts

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

Colorado Water Conservation Board

Water Supply Reserve Fund

Exhibit A - Statement of Work

Water Activity Name:	Cucharas Collaborative Storage Study Geotechnical Investigation
Grant Recipient:	Huerfano County Water Conservancy District (HCWCD)
Funding Source:	Water Supply Reserve Fund

Water Activity Overview: (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.

The goal of this investigation will be to evaluate the suitability of 5 potential dam sites for construction of a reservoir that will provide collaborative storage in the Cucharas River Basin. These 5 sites were selected based on results of the previous phase of the study (Cucharas Basin Collaborative Storage Study) completed in June 2017 – see the following link for the executive summary: <https://applegategroup.sharefile.com/d-s3e2ea7e811e4cb39>. The geotechnical investigation will focus on the subsurface geology at each proposed dam site and evaluate site suitability based on factors such as foundation stability and potential seepage concerns. The investigation will involve drilling, laboratory analyses and development of a summary geotechnical report with recommendations on final site suitability and selection for engineering design plans. Grant money from the WSRF will be used to fund the investigation.

Objectives: (List the objectives of the project)

The primary objective of the project is to evaluate the suitability of 5 potential dam sites previously identified for construction of a reservoir that would be used for collaborative storage within the Cucharas River Basin. This evaluation would enable HCWCD to identify preferred sites for moving forward with the study, and ultimately final selection of site(s) for engineering design and construction.

Tasks

Provide a detailed description of each task using the following format:

Task 1 – Geotechnical Investigation

Description of Task:

The investigation will involve geotechnical drilling at each of the 5 potential dam sites, as well as lab analyses of subsurface soil samples collected from test pits excavated at each site. Soil samples will be analyzed to determine geotechnical properties important in dam foundation design, and drilling will extend to bedrock in at least one location at each site to evaluate bedrock permeability and stability. A geotechnical report with recommendations on site suitability for reservoir engineering design and construction will be developed based on these results.

Method/Procedure:

Access for the potential dam sites has been identified, as well as water sources for drilling. Property owners of the sites support the study and have been informed of planned activities related to this investigation. The drilling program is anticipated to be completed within 2-3 weeks of the Notice to Proceed date, with lab testing to follow. All drilling, lab analyses and testing will follow applicable ASTM standards. Results of lab testing will be used to develop the summary report and will be the basis for evaluating site suitability and making the final recommendation for engineering design and construction.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

Final deliverable for HCWCD will be a summary report on the geotechnical investigation including boring logs and test results, as well as recommendations on suitability and site selection for further study.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

HCWCD will provide CWCB the final geotechnical report (same as above), and a summary memo identifying sites selected for further evaluation, justification for selection and next steps for moving forward with engineering design and dam construction.

Tasks

Provide a detailed description of each task using the following format:

Task 2 - Administration

Description of Task:

Using a qualified person, insure the timely accomplishment of contract tasks and the submission of required reports under the grant contract.

Method/Procedure:

In light of the limited resources of the Collaborators, contract administration will be primarily handled by the regular part-time Administrator of the Huerfano County Water Conservancy District who has successfully administered other CWCB grants and loans for the District. Nevertheless, the time requirements of administering this grant far exceed the District Administrator's time for which she is now compensated or her availability to spend additional time. The amount budgeted for this task will be used either to compensate the Administrator for additional time spent on this grant or, more likely, to employ an assistant to handle mundane matters freeing up time for the Administrator to administer this grant.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

Timely submission of all reports and deliverables required by the grant contract.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Six month progress report(s) and final report.

Budget and Schedule

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

Schedule: This Statement of Work and Budget shall be accompanied by a Schedule ([attached](#)) that reflects the Tasks identified in the Statement of Work and Budget and shall be submitted to CWCB in an 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 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.

Last Update: May 19, 2017



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

Exhibit A - BUDGET AND SCHEDULE

Water Activity Name: Cucharas Collaborative Storage Study Geotechnical Investigation

Grantee Name: Huerfano County Water Conservancy District

<u>Task No.</u>	<u>Description</u>	<u>Start Date</u> ⁽¹⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽²⁾	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽²⁾	<u>Total</u>
1	Geotechnical Investigation	5/1/2018	3/31/2019	\$37,645	\$87,174	\$124,819
2	Administration	5/1/2018	3/31/2019	\$2,635	\$6,102	\$8,737
						\$0
Total				\$40,280	\$93,277	\$133,557

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

(2) Round values **up**.

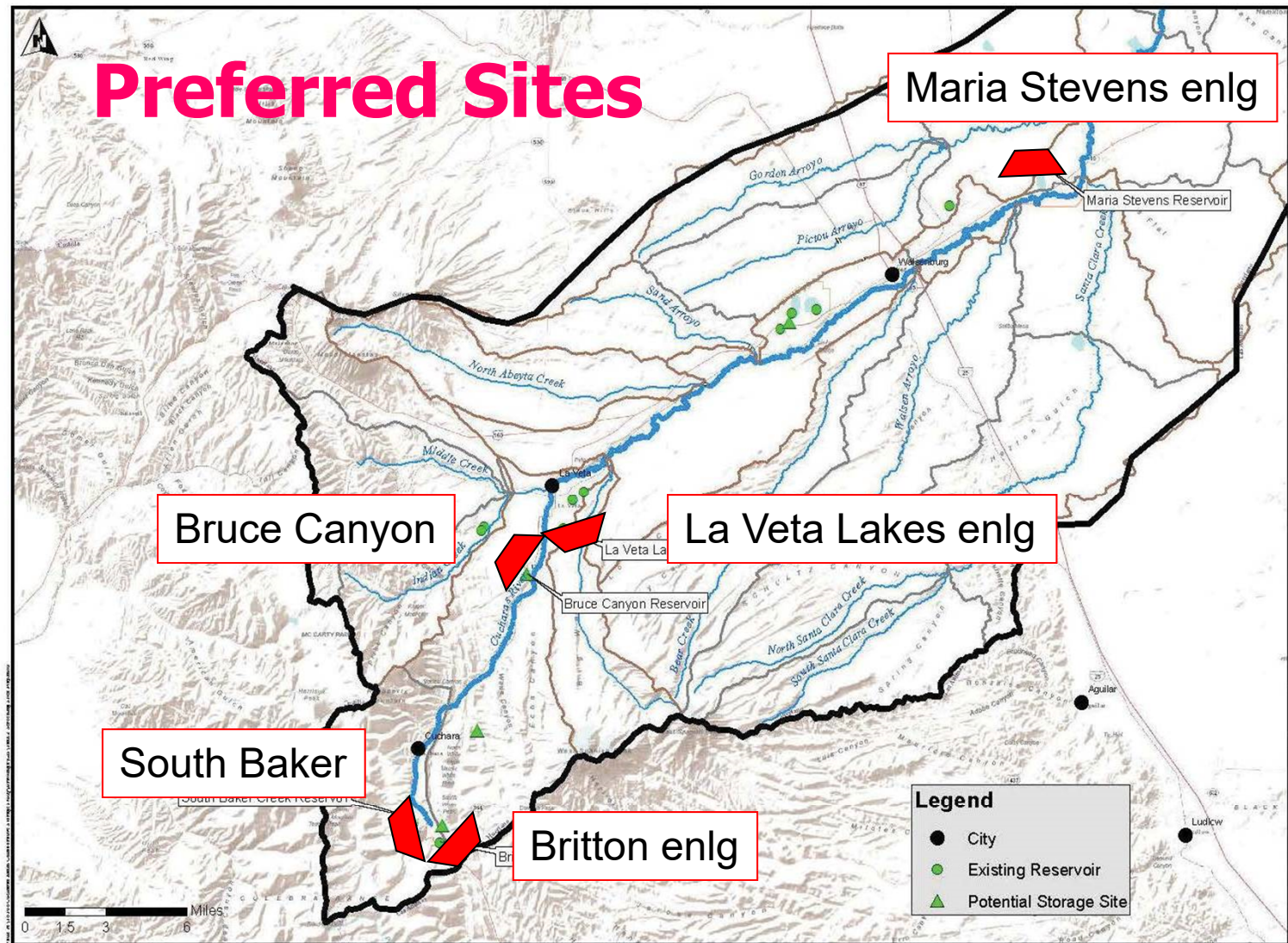
Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal NTP if prior to the listed "Start Date"

CWCB will withhold the last 10% of the entire grant budget until the Final Report (Deliverable) is completed and accepted (2016 WSRF Criteria & Guidelines).

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

Preferred Sites



HUERFANO COUNTY
WATER CONSERVANCY DISTRICT

PO Box 442, La Veta, Colorado 81055
719-738-2417

October 23, 2017


Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203

Re: WSRA grant funding

The Huerfano County Water Conservancy District board has included in its 2018 budget \$10,000 toward the local match required for a CWCB Water Supply Reserve Account grant. The purpose of that funding will be to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase 1 of the Collaborative's storage study.

The limitations inherent in this letter are imposed by the Local Government Budget Law, C.R.S. § 29-1-101 *et seq.* We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process leading up to certification to the BOCC in December 2017 and filing with DOLA in January 2018. Until then, any previous commitment must be purely tentative and nonbinding.

With warm regards,



Scott King
President



Cucharas Sanitation and Water District



October 17th, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Pending Commitment

Dear Mr. King:

This is to confirm my expectation that \$5,000 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

As a government official, you are fully aware of the limitations inherent in this letter. They are imposed by the Local Government Budget Law, C.R.S. § 29-1-101 *et seq.* We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process leading up to certification to the BOCC in December 2017 and filing with DOLA in January 2018. Until then, any previous commitment must be purely tentative and nonbinding.

Very truly yours,

James H. Berg
CSWD Treasurer

16925 State Highway 12
Cuchara, Colorado 81055-9775
Telephone: (719) 742-3108
Fax: (719) 742-3109
Internet: www.cuchara.org

Gerald T. Van Nort
Henry Harnly
Jim Berg

Chairman
Vice-Chairman
Treasurer

City of Walsenburg



525 South Albert • Walsenburg, Colorado 81089 • (719) 738-1240 • FAX (719) 738-1875

September 5, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Pending Commitment

Dear Mr. King:

This is to confirm my expectation that \$5,000 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

As a government official, you are fully aware of the limitations inherent in this letter. They are imposed by the Local Government Budget Law, C.R.S. § 29-1-101 *et seq.* We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process leading up to certification to the BOCC in December 2017 and filing with DOLA in January 2018. Until then, any previous commitment must be purely tentative and nonbinding.

Sincerely,

James P. Eccher
Mayor

Cc: Mark Ellis, Finance Director



LA VETA FIRE PROTECTION DISTRICT

Serving Cuchara Valley Since 1949

September 14, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Pending Commitment

Dear Mr. King:

This is to confirm my expectation that \$1,500 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

As a government official, you are fully aware of the limitations inherent in this letter. They are imposed by the Local Government Budget Law, C.R.S. § 29-1-101 *et seq.* We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process leading up to certification to the BOCC in December 2017 and filing with DOLA in January 2018. Until then, any previous commitment must be purely tentative and nonbinding.

Very truly yours,

Jim Littlefield
President



P.O. BOX 44 • 111 SOUTH MAIN • LA VETA, COLORADO 81055
OFFICE - (719) 742-3656 • EMERGENCIES - 911



P.O. Box 174
111 West Moore Ave.
(719) 742-3631
Fax: (719) 742-5420

Huerfano County
La Veta, Colorado
81055



October 17, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, Co. 81055

Re: Letter of Pending Commitment

Dear Mr. King:

This is to confirm my expectation that \$5,000.00 will be included in our FY 2018 budget to be used as a match for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

As a government official you are fully aware of the limitations inherent in this letter. They are imposed by the Local Government Budget Law, C.R.S. § 29-1-101. We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process leading up to the certification to the State of Colorado and filing with DOLA in December of 2017. Until then, any previous commitment must be purely tentative and nonbinding.

Sincerely,



Douglas R. Brgoch, Mayor
Town of La Veta

CUCHARA INVESTMENTS, LLC

10.17.2017

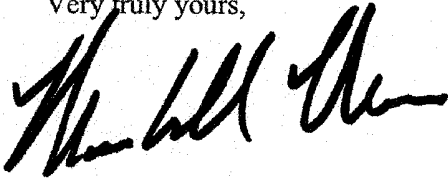
Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Commitment

Dear Mr. King:

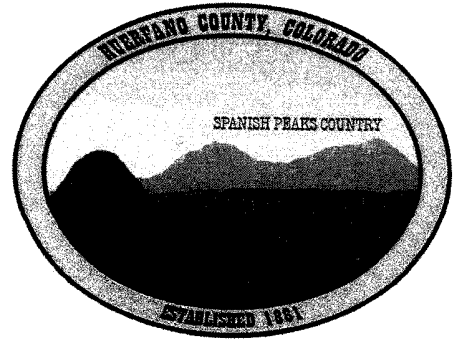
This is to confirm that \$3,780 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The funds are subject to the need of a high pressure/volume air compressor to perform the Odex method for site drilling at the South Baker Creek project. The purpose of that funding is to support geotechnical work at the various preferred storage sites (including Maria Lake) selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Marshall Moore', is written over the 'Very truly yours,' text.

Marshall Moore
Owner Manager Cuchara Investments, LLC

Edward R. Garcia, Chairman
Max Vezzani, Commissioner
Gerald Cisneros, Commissioner



Board of County Commissioners

October 17, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Pending Commitment

Dear Mr. King:

This is to confirm my expectation that \$5,000 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

As a government official, you are fully aware of the limitations inherent in this letter. They are imposed by the Local Government Budget Law, C.R.S. § 29-1-101 *et seq.* We can make firm financial commitments only if they are included in our appropriate budget. Our 2018 budget must go through a complex notice, hearing and adoption process lasting until the end of the year. Until then, any previous commitment must be purely tentative and nonbinding.

Thank you sincerely,

Edward R. Garcia
Chairman, Board of County Commissioners

MARIA LAKE GRAZING ASSOCIATION LLC
7343 S. Alton way, Suite 100
Centennial, CO 80112
303-779-1800

September 1, 2017

Huerfano County Water Conservancy District
Attn: Scott King, President
P.O. Box 442
La Veta, CO 81055

Re: Letter of Commitment

Dear Mr. King:

This is to confirm that \$5,000 will be included in our FY 2018 budget to be used as matching for grant funding from the Colorado Water Conservation Board's Water Supply Reserve Account. The purpose of that funding is to support geotechnical work at the various preferred storage sites (including Maria Lake) selected by the Cucharas River Storage Collaborative as a result of Phase I of the Collaborative's storage study.

Very truly yours,



Donald E. Siecke
Manager