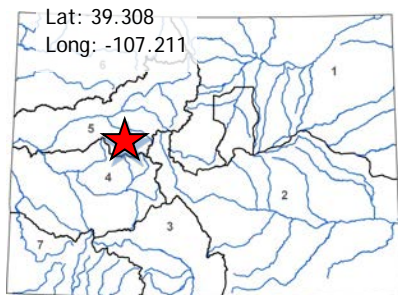


Water Plan Grant Application



L O C A T I O N	
County/Countries:	Pitkin/Gunnison/Garfield
Drainage Basin:	Colorado

D E T A I L S	
Total Project Cost:	\$100,000
Water Plan Grant Request:	\$50,000
Recommended Amount:	\$50,000
Other CWCB Funding:	\$25,000 WSRF
Other Funding Amount:	\$0
Applicant Match:	\$25,000
Project Type(s):	Study
Project Category(Categories):	Storage & Supply
Measurable Result:	To be determined storage/supply

The Colorado River Water Conservation District (CRWCD) and the West Divide Water Conservancy District (WDWCD) are co-applicants on the grant to investigate augmentation demands, exchange potential, and reservoir storage and recharge in the Crystal River Basin.

Funding from this grant will be utilized to conduct a feasibility level study in order to develop a plan for augmentation in the Crystal River Basin. The drought of 2018 highlighted the fact that at least six subdivisions and various other junior water users do not have a legal water supply during a senior water right call on the Crystal River. During 2018, emergency Substitute Water Supply Plans were required to ensure municipal water deliveries. Division 5 has indicated they will begin issuing cease and desist orders for any junior user not actively working toward a solution. It has become apparent that a basin-wide augmentation solution is needed.

This study will focus on evaluating several factors including existing demands within the Crystal River drainage, the exchange potential at key locations within the basin, basin-wide augmentation strategies, and new storage and recharge alternatives. It will also update and re-evaluate small storage alternatives, develop a basin-wide augmentation strategy, provide public outreach and education about ongoing augmentation issues with the various Crystal River environmental groups, and evaluate financing and implementation options for an augmentation plan. No on-channel, mainstem Crystal River storage will be sought, with the exception of alluvial aquifer storage.

This project aligns with the Water Plan's measurable objective of attaining 400,000 AF of water storage by 2050. This project will provide options for new storage and supply while addressing the needs of multiple project partners within the Crystal River basin.

Funding Recommendation: Staff is recommending approval of the full request of \$50,000 from the Storage and Supply category. This is approximately 50% of the project costs. (Total CWCB funding including WSRF is 75% of the project costs.)



Last Updated: July 2019

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as “project”) funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Water Storage Projects
Conservation, Land Use Planning
Engagement & Innovation Activities
Agricultural Projects
Environmental & Recreation
Projects

Anna.Mauss@state.co.us
Kevin.Reidy@state.co.us
Ben.Wade@state.co.us
Alexander.Funk@state.co.us
Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to

waterplan.grants@state.co.us

in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	Colorado River Water Conservation District West Divide Water Conservancy District	
Name of Water Project	Investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin	
CWP Grant Request Amount	\$50,000	
Other Funding Sources <u>WSRF Colorado Basin RT</u>	\$12,500	
Other Funding Sources <u>WSRF Statewide Fund</u>	\$12,500 (TBD, CWCB Board, March 2020)	
Applicant Funding Contribution (CRWCD, WDWCD, Crystal River Water Users)	\$25,000z	
Total Project Cost	\$100,000	



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Applicant & Grantee Information	
Name of Grantee(s) Colorado River Water Conservation District (CRWCD)	
Mailing Address: P.O. Box 1120, Glenwood Springs, CO 81602	
FEIN	
Organization Contact: John Currier	
Position/Title: Chief Engineer	
Email: jcurrier@crwcd.org	
Phone: (970) 945-8522 ext 237	
Grant Management Contact: John Currier	
Position/Title: Chief Engineer	
Email: jcurrier@crwcd.org	
Phone: (970) 945-8522 ext 237	
Name of Applicant (if different than grantee): West Divide Water Conservancy District (WDWCD)	
Mailing Address: 818 Taughenbaugh Blvd, Rifle, CO 81650	
Position/Title: Board of Directors	
Email: water@wdwcd.org	
Phone: (970) 625-5461	



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Description of Grantee/Applicant

Provide a brief description of the grantee's organization (100 words or less).

The **West Divide Water Conservancy District (WDWCD)**, a Colorado governmental entity, was organized in 1964 for the purposes of conserving and developing land and water resources within its boundaries in Garfield, Pitkin and Mesa counties. WDWCD provides augmentation supplies within the District for all beneficial uses, and promotes the health, safety and welfare of the public through these services.

The **Colorado River Water Conservation District (CRWCD)** is a public water policy agency chartered in 1937 to be "the appropriate agency for the conservation, use and development of the water resources of the Colorado River and its principal tributaries in Colorado."

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.
X	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: Private parties may be eligible for funding.
	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes .

Type of Water Project (check all that apply)

X	Study
	Construction
	Identified Projects and Processes (IPP)
	Other



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Category of Water Project (check the primary category that applies and include relevant tasks)		
X	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. <i>Applicable Exhibit A Task(s):</i>	
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>	
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>	
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>	
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>	
	Other	Explain:

Location of Water Project	
Please provide the general county and coordinates of the proposed project below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Crystal River Basin in Pitkin/Gunnison/Garfield Counties
Latitude	
Longitude	

Water Project Overview
Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. 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, and area of habitat improvements, where applicable. 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, Other Funding Sources/Amounts and Schedule.



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This Colorado Water Plan funding will be utilized to conduct a feasibility level study to develop a plan for augmentation in the Crystal River Basin. The drought of 2018 highlighted the fact that at least 6 subdivisions and various other junior water users do not have a legal water supply during a senior water right call on the Crystal River. During 2018, emergency SWSP's were required to ensure municipal water deliveries. It has become apparent that a basin-wide augmentation solution is needed. Division 5 has indicated they will begin issuing cease and desist orders for any junior user not actively working toward a solution. This work will focus on the following: quantify existing demands within the Crystal River drainage, evaluation the exchange potential at key locations within the basin, evaluate basin-wide augmentation strategies, update and re-evaluate small storage alternatives, evaluate new storage/recharge alternatives, develop a basin-wide augmentation strategy, public outreach and education with the various Crystal River environmental groups to educate them about the ongoing augmentation issues, and evaluate various methodologies for financing and implementation of a plan for augmentation. No on-channel, mainstem Crystal River storage will be sought, with the exception of alluvial aquifer storage.

Measurable Results

To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:

	New Storage Created (acre-feet)	
	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)	
	Quantity of Water Shared through Alternative Transfer Mechanisms	
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning	
	Number of Coloradans Impacted by Engagement Activity	
x	Other	Explain: Determination of a legal water supply for junior water users which may result in new storage/change of water use



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Water Project Justification

Provide a description of how this water project supports the goals of [Colorado's Water Plan](#), the most recent [Statewide Water Supply Initiative](#), and the applicable Roundtable [Basin Implementation Plan](#) and [Education Action Plan](#). 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).

The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)

This activity supports the goals of the Colorado Water Plan by addressing the supply-demand gap (CWP Chapter 10(A)) as well as addressing the feasibility of storage (CWP Chapter 10(E)) to address the gap. While the Crystal River water users are not facing a physical gap, they are facing a legal supply gap. Any traditional storage project will likely be a multi-use facility providing not only augmentation for domestic uses but also can be utilized to boost late-season flows and promote healthy fisheries (CWP Chapter 10(E)). In addition, the potential for recharge instead of a traditional reservoir will also be explored. The Roaring Fork basin portion of the Colorado Basin Implementation Plan (CBIP pages 112-116) mainly focuses on protecting, maintaining and restoring healthy rivers and potential exploration of small storage projects to benefit late season flows. The CBIP identifies securing safe drinking water as a theme, this should also include a dependable legal supply of water for users in the Crystal River basin. This work will also explore potential agreements with irrigators to provide water for domestic/municipal users in times of drought (CBIP pg 13). While these may end up being dry-year agreements rather than full blown agricultural transfers, the agreements will protect domestic/municipal users during times of senior water right calls on the Crystal River. This problem has been overlooked because of lack of administration during water right calls on the Crystal. Agricultural users have historically taken shortages in some years without placing a call; however, instream flow calls have been placed in more recent years which has pushed the senior agricultural users to place calls. Division 5 is aware of the legal water supply issue and have directed these users to work toward a solution, whether it be basin-wide (preferable) or independently. If progress is not made, the Division will start issuing cease and desist orders and curtailing domestic well usage during periods of Administration on the Crystal River. This issue is exactly what the Colorado Water Plan and Colorado Basin Implementation Plans seek to find solutions for, securing safe drinking water through innovative ways utilizing multi-use storage, aquifer recharge and/or agreements/transfers with willing agricultural users.

Related Studies

Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.

Various reservoir studies have been completed by USBR/WDWCD/CRWCD on project water rights (Placita Reservoir, Osgood Reservoir, Yank Creek Reservoir, etc).

Feasibility Investigation: Crystal River Off-Stream Reservoirs Sewell Ranch, Grand River Consulting, Sopris Engineering and ERO Resources 8/27/2009

Evaluation of Potential Water Demands within the Crystal River Watershed, Grand River Consulting, 2/2003

Crystal River Basin Small Reservoir Study, Resource Engineering. 2/12/1998



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Previous CWCB Grants, Loans or Other Funding

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; 6) Percentage of other CWCB funding for your overall project.

- CRWCD/WDWCD: WSRF Colorado Basin Roundtable and Statewide Fund for this project totaling 25,000 (\$12,500 each). Basin funds approved, Statewide funds TBD March 2020.
- CRWCD/WDWCD – Understanding local streamflow to quantify West Divide Project component yield, Colorado Water Plan Grant, approved November, 2017, *Contract/PO #*: CA18005-A.
- CRWCD/WDWCD – Kendig Reservoir Feasibility Evaluations, Colorado Basin Roundtable, approved July, 2015, *Contract/PO #*: POGG1 2016-208.
- WDWCD - Feasibility and Design Assessment of Off-Channel Reservoir Sites in the Crystal River Watershed, Colorado Basin Roundtable, approved 9/17/2008. *Contract/PO #*: 09000000052

Taxpayer Bill of Rights

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

CRWCD will act as the fiscal agent on this project due to WDWCD's limited revenues and corresponding limited ability to accept grant money under TABOR. WDWCD and CRWCD are both providing matching funds.



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Submittal Checklist	
x	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract .
Exhibit A	
x	Statement of Work ⁽¹⁾
x	Budget & Schedule ⁽¹⁾
	Engineer's statement of probable cost (projects over \$100,000)
x	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
x	Map (if applicable) ⁽¹⁾
	Photos/Drawings/Reports
x	Letters of Support (Optional)
	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
	W-9 ⁽²⁾
	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
	Engagement & Innovation Supplemental Application ⁽¹⁾

(1) Required with application.

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

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Colorado Water Conservation Board	
Water Plan Grant - Exhibit A	

Statement Of Work	
Date:	December 13, 2019
Name of Grantee:	Colorado River Water Conservation District
Name of Water Project:	Investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin
Funding Source:	Colorado Water Plan – Water Storage
Water Project Overview:	
<p>This Colorado Water Plan funding will be utilized to conduct a feasibility level study to develop a plan for augmentation in the Crystal River Basin. The drought of 2018 highlighted the fact that at least 6 subdivisions and various other junior water users do not have a legal water supply during a senior water right call on the Crystal River. During 2018, emergency SWSP's were required to ensure municipal water deliveries. It has become apparent that a basin-wide augmentation solution is needed. Division 5 has indicated they will begin issuing cease and desist orders for any junior user not actively working toward a solution. This work will focus on the following: quantify existing demands within the Crystal River drainage, evaluation of the exchange potential at key locations within the basin, evaluate basin-wide augmentation strategies, update and re-evaluate small storage alternatives, evaluate new storage/recharge alternatives, develop a basin-wide augmentation strategy, public outreach and education with the various Crystal River environmental groups to educate them about the ongoing augmentation issues, and evaluate various methodologies for financing and implementation of a plan for augmentation. No on-channel, mainstem Crystal River storage will be sought, with the exception of alluvial aquifer storage.</p>	

Last Updated: July 2019

Project Objectives:
<ol style="list-style-type: none"> 1. Quantify existing demands within the Crystal River drainage 2. Evaluation the exchange potential at key locations within the basin 3. Evaluate basin-wide augmentation strategies 4. Update and re-evaluate small storage alternatives 5. Evaluate new storage/recharge alternatives 6. Develop a basin-wide augmentation strategy 7. Public outreach and education with the various Crystal River environmental groups to educate them about the ongoing augmentation issues 8. Evaluate various methodologies for financing and implementation of a plan for augmentation

Tasks
Task 1 - <u>Quantify existing demands within the Crystal River drainage</u>
<p>Description of Task:</p> <p>This task involves working with known entities as well as with Division 5 staff to identify all structures requiring a functional plan for augmentation. The demands from these structures will be evaluated. In addition, shortages to instream flows can be quantified from available stream gage data. These demands will be quantified and compared to historic Administrative call records in order to understand the amount of storage that would be needed to cover the varied uses in a basin-wide plan for augmentation.</p>
<p>Method/Procedure:</p> <ol style="list-style-type: none"> 1. Identify all structures requiring augmentation 2. Use of user-supplied diversion information (well metering, etc), if available 3. Use of standard assumptions to quantify depletions. 4. Determine instream flow shortages using available stream gage records 5. Quantify and summarize results monthly.
<p>Deliverable:</p> <p>Spreadsheets and report summarizing the basin-wide demands for water users and instream flow reaches.</p>



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Tasks
Task 2 – <u>Evaluation of the exchange potential at key locations within the basin</u>
Description of Task: For the purposes of understanding how the basin-wide augmentation may operate using augmentation by exchange, the potential for exchanging downstream supplies to the upper reaches of the basin must be determined. This exchange analysis will look at key locations in the basin taking into account the location of supplies, demands, available streamflow and calling water rights (including instream flow reaches).
Method/Procedure: <ol style="list-style-type: none">1. Determine available streamflow taking into account senior water rights and instream flows.2. Determine the rate and monthly volumes of exchange potential to key locations in the basin.3. Compare exchange potential of the quantified demands in Task 1.4. Determine duration and frequency of insufficient exchange capacity.
Deliverable: Exchange analysis spreadsheets and report summarizing the exchange analysis findings.

Tasks
Task 3 - <u>Evaluate basin-wide augmentation strategies</u>
Description of Task: Tasks 1 and 2 will inform the basin-wide augmentation strategy. If exchange potential is limited, that would indicate that in addition to the utilization of downstream supplies (i.e. HCU credits), upstream storage would also be required. This task will evaluate basin-wide augmentation strategies that can be used in the development of a plan for augmentation. The task will inform the location of potential storage sites taking into account location of demands.
Method/Procedure: <ol style="list-style-type: none">1. Identify locations and quantity of demands that can be covered if downstream consumptive use credits were to be acquired.2. Quantify the amount and location of demands that would need to be covered with storage.3. Determine the best location for storage to meet the basin-wide augmentation requirements.
Deliverable: Maps documenting location of potential CU credits, demands and location of potential storage. Develop “service areas” that can be served with various supplies.

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Tasks
<u>Task 4 - Update and re-evaluate small storage alternatives</u>
Description of Task:
Update and re-evaluate, as necessary, small storage alternatives produced by Resource Engineering evaluation from 1998 including the ability to meet basin-wide demands, preliminary design and costs, and potential permitting requirements. No on-channel, mainstem Crystal River storage will be sought, with the exception of alluvial aquifer storage.
Method/Procedure:
<ol style="list-style-type: none"> 1. Using the Resource Engineering evaluation from 1998, update and expand the analysis for the Crystal River structures. Site visits will be conducted in order to determine construction feasibility, size and location of the structures. Costs will be evaluated and potential permitting requirements will be determined.
Deliverable:
Preliminary design and cost estimates by structure with explanation of permitting required for each site.

Tasks
<u>Task 5 - Evaluate new storage/recharge alternatives</u>
Description of Task:
This task will look into potential new storage sites as well as determining the potential for use of aquifer recharge. No on-channel, mainstem Crystal River storage will be sought, with the exception of alluvial aquifer storage.
Method/Procedure:
<ol style="list-style-type: none"> 1. Utilizing the institutional knowledge of locals, identify additional storage locations that can be explored in this study. If found, preliminary design, cost and permitting will be conducted as in Task 4. In addition, a previous study looking at aquifer recharge at Schofield and Elko Parks will be revisited. This will also look at the potential for recharge in the alluvial aquifer of the Crystal River, if feasible. Based on the number of locations determined, the scope will be narrowed to conduct preliminary costing for the 2 highest ranking/feasible structures.
Deliverable:
Preliminary design and cost estimates by structure with explanation of permitting required for up to 2 sites.

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Tasks
<u>Task 6 - Develop a basin-wide augmentation strategy</u>
<p>Description of Task:</p> <p>A culmination of the above tasks, determine the most feasible augmentation strategy to move forward. This may be a ranked list of strategies based on:</p> <ol style="list-style-type: none"> 1. Sufficiency to meet all augmentation needs. 2. Cost 3. Ability to implement 4. Environmental impacts 5. Permitting restrictions 6. Other factors determined during the study
<p>Method/Procedure:</p> <ol style="list-style-type: none"> 1. Using a ranking methodology determine the most feasible augmentation strategy to meet the basin-wide demands.
<p>Deliverable:</p> <p>An augmentation strategy or ranked list of potential strategies.</p>

Tasks
<u>Task 7 - Public outreach and education with the various Crystal River environmental groups to describe the ongoing augmentation issues</u>
<p>Description of Task:</p> <p>The Crystal River basin has a strong coalition of environmental groups that have historically opposed storage projects. This is the main reason WDWCD abandoned their Crystal River rights in 2012 during a diligence cycle. If a plan for augmentation is going to be successful, it will need to be developed in cooperation with these groups. Public outreach and educational meetings (up to 10) will be conducted with these groups to describe why an augmentation supply is needed and how it can be constructed in cooperation with environmental interests. A multi-use project may alleviate some concern from these groups if reservoir operations can be developed to not only provide augmentation of junior structures, but to also boost late season flows. The ability to provide late season water would certainly require a larger reservoir than one used for augmentation only.</p>
<p>Method/Procedure:</p> <ol style="list-style-type: none"> 1. Conduct education/outreach meetings with the various Crystal River environmental groups to solicit input and feedback. Incorporate findings into the augmentation strategy.
<p>Deliverable:</p> <p>A report summarizing the concerns and input of environmental interests. This will be incorporated into the augmentation strategy.</p>

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Tasks
Task 8 - <u>Evaluate various methodologies for financing and implementation of a plan for augmentation</u>
Description of Task: A plan will be developed on how to move this work forward into a plan for augmentation that can be operated by WDWCD. This plan will look into financing for construction of potential reservoirs or other structures as well as for water court proceedings to decree a plan for augmentation. If senior consumptive use credits can be utilized, they will need to be quantified with terms and conditions to prevent injury to other water rights.
Method/Procedure: 1. Various grant and loan opportunities will be explored for financing reservoir construction and decreeing a plan for augmentation.
Deliverable: A list of potential funding opportunities and partners.

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
Progress Reports: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues.
Final Report: At completion of the project, the applicant shall provide the CWCB a Final Report on the applicant's letterhead that: <ul style="list-style-type: none"> Summarizes the project and how the project was completed. Describes any obstacles encountered, and how these obstacles were overcome. Confirms that all matching commitments have been fulfilled. Includes photographs, summaries of meetings and engineering reports/designs. The CWCB will pay out the last 10% of the 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 purchase order or grant will be closed without any further payment.

Last Updated: July 2019

Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. 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.

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to CWCB in hard copy and electronic format as part of the project documentation.

Performance Measures

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 Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the 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 purchase order or grant will be closed without any further payment.

(b) Accountability: Per Water Plan 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 Water Plan 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 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.



COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Exhibit B Budget and Schedule

Prepared Date:

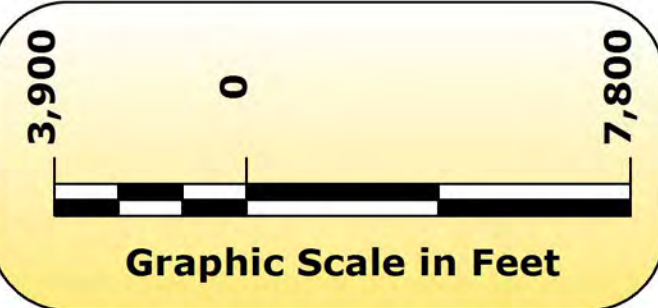
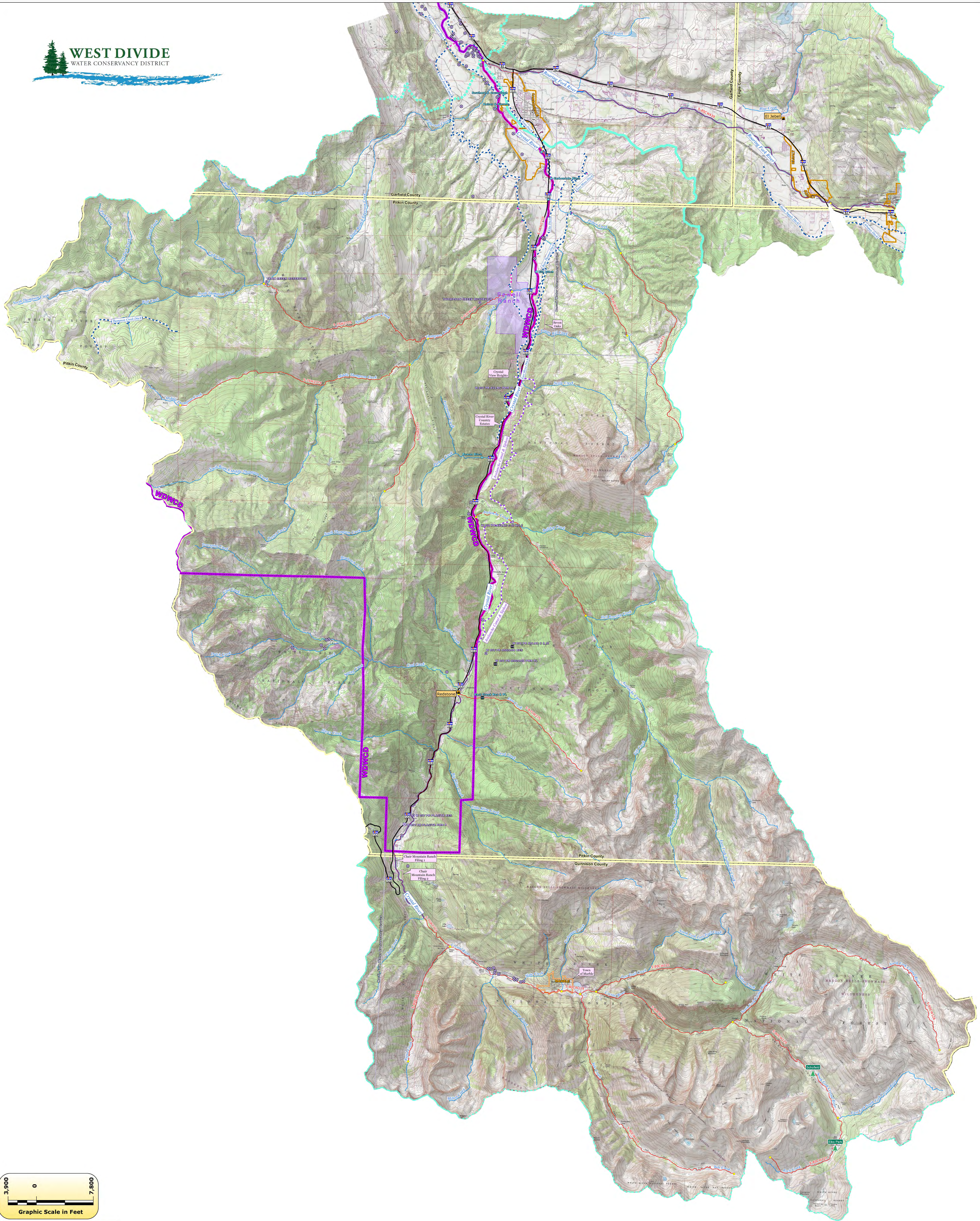
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Name of Water Project:

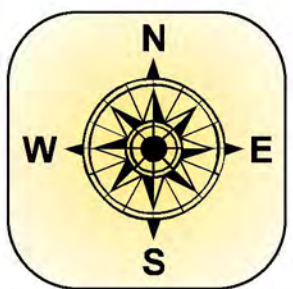
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Project End Date:

























Task No.	Task Description	Task Start Date	Task End Date	CWP Grant Funding Request	WSRF (Basin and Statewide)	Match Funding	Total
1	Quantify existing demands within the Crystal River drainage	3/1/2020	5/31/2020	\$ 5,625.00	\$ 2,812.50	\$ 2,812.50	\$ 11,250.00
2	Evaluation the exchange potential at key locations within the basin	5/1/2020	8/31/2020	\$ 3,750.00	\$ 1,875.00	\$ 1,875.00	\$ 7,500.00
3	Evaluate basin-wide augmentation strategies	5/1/2020	8/31/2020	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00
4	Update and re-evaluate small storage alternatives	5/1/2020	10/31/2020	\$ 7,650.00	\$ 3,825.00	\$ 3,825.00	\$ 15,300.00
5	Evaluate new storage/recharge alternatives	5/1/2020	10/31/2020	\$ 6,950.00	\$ 3,475.00	\$ 3,475.00	\$ 13,900.00
6	Develop a basin-wide augmentation strategy	8/1/2020	10/31/2020	\$ 6,325.00	\$ 3,162.50	\$ 3,162.50	\$ 12,650.00
7	Public outreach and education with the various Crystal River environmental groups to educate them about the ongoing augmentation issues	3/1/2020	10/31/2020	\$ 5,700.00	\$ 2,850.00	\$ 2,850.00	\$ 11,400.00
8	Evaluate various methodologies for financing and implementation of a plan for augmentation	8/1/2020	10/31/2020	\$ 9,000.00	\$ 4,500.00	\$ 4,500.00	\$ 18,000.00
			Total CWCB Project Overall	75%			
			Total CWP Ask Match	100%			
			Total WSRF Ask Match	100%			
			Total	\$50,000	\$25,000	\$25,000	\$100,000



Data Sources:
U.S. Bureau of Land Management
U.S. Census Bureau
U.S. Geological Survey
CO Department of Water Resources
CO Department of Transportation
Environmental System Research Institute



Map Key

- | | | | | | | | |
|---|---|---|--|---|--|--|--|
|  WDWCD DITCH |  WDWCD RESERVOIR |  DITCH |  TOWNS |  HIGHWAYS |  WEST DIVIDE WATER CONSERVANCY DISTRICT |  CONNECTORS |  SEWELL RANCH |
|  WDWCD MAIN |  WDWCD CONTRACTEES |  PIPELINE |  DECRED 1ST TERAIN |  HUALAGUE CANAL & SIPHON |  RIVERS |  PIPELINES |  COUNTIES |
|  WDWCD PIPELINE |  AREAS OF INTEREST |  RESERVOIR |  DECRED 1ST REACHES |  OTHER WATER CONSERVANCY DISTRICTS |  DITCHES |  STREAMS |  CITIES |

COLORADO
RIVER
ENGINEERING
INCORPORATED

PO Box 1301
Rifle, CO 81650
Tel 970-625-4933

Crystal River
Basin Map

Document Name: Crystal_River_Basin.mxd
Drawn by: JT Approved by: CM Date: 10/17/2019

Client:

WDWCD

Figure:

1



COLORADO RIVER DISTRICT

PROTECTING WESTERN COLORADO WATER SINCE 1937

10/30/2019

Jim Pokrandt, Chairman CBRT

Re: Colorado River District Matching Funds Commitment for Crystal River Study

Dear Jim:

This letter is provided as confirmation that the Colorado River District has committed \$10,000 in matching funds for the grant project proposal titled: *“Investigations of Augmentation Demands, Exchange Potential, Small reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin”*.

The 2018 critically low flows in the Crystal River and the ensuing water rights call by the senior Ella Ditch was a stark reminder that numerous individuals, subdivisions and municipalities along the Crystal River lack adequate dry year, legal water supplies. These entities range from the Town of Carbondale on the lower river to the Town of Marble near the headwaters. Under strict water rights administration these individuals, subdivisions and municipalities risk having their critical water supplies curtailed.

The proposed study is very important in the development of a cost effective, regionally appropriate augmentation solution for those individuals and entities that rely on the Crystal River for their domestic and municipal water supply. The River District strongly supports this effort to develop a reliable, legal water supply for our constituents.

Sincerely,

John. M. Currier, P.E.
Chief Engineer



COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 5 - Main Office
P.O. Box 396
Glenwood Springs, CO 81602

November 18, 2019

Wendy Ryan
136 East 3rd Street
River, CO 81650
wendy@coloradorivereng.com

Via email

Re: In support of grant application to the Colorado River Basin Roundtable for a feasibility study on Crystal River Augmentation Supply

Dear Wendy,

The Division of Water Resources supports the efforts of the West Divide Water Conservancy District, the Colorado River Water Conservation District, and the junior water users without augmentation within the Crystal River drainage in the development of a regional solution to the replacement needs of these water users. DWR believes the pooling of resources by these entities in finding a storage location or locations, and finding senior irrigation rights to change for augmentation purposes will best provide the needed replacement supplies.

The primary reason we believe a regional solution is the best solution is that it would save costs for the water users. The out-of-priority diversions of concern generally involve properties that are either fully developed, or at least long past the planning stage, leaving few if any options for siting a reservoir that can deliver storage to the Crystal River. Fully developed roads, utilities, and buildings all make finding a site difficult by individual developments. Additionally, reservoirs constructed with these limitations are unlikely to have inefficient geometry, requiring additional storage to overcome evaporation losses. Individual water users seeking willing sellers of senior rights will likely stop some plans altogether, and at best make the purchase for each plan more costly. Further, the engineering and litigation of individual plans will certainly be more expensive than one plan for all.

Another reason we support this effort is that it will produce water administration efficiencies, and ensure reliable operations that prevent injury to senior municipal, irrigation, and instream flow rights. Of course, DWR will administer any augmentation plan decreed by the court, but one plan and fewer replacement sources mean less risk of delay or other issues that arise in the administration of small augmentation plans. Small ponds that are not continually active working structures encounter many problems from inoperable outlets, to inadequate storage, to inability to deliver to point of injury. Likewise, monitoring dry-up, and operability of bypass structures for changed rights in many small plans versus one larger plan present issues. Finally, replacement from fewer sources are easier to shepherd to point of injury.

Lastly, these replacement supplies will not be needed every year. A regional source from both storage and dry-up can be used for other purposes in those off years, such as, onsite recreation, and delivery for the environmental purposes of the Crystal River stream management plan. I would also like to point out any deliveries from upstream of the point of depletion will also benefit the intervening reach.



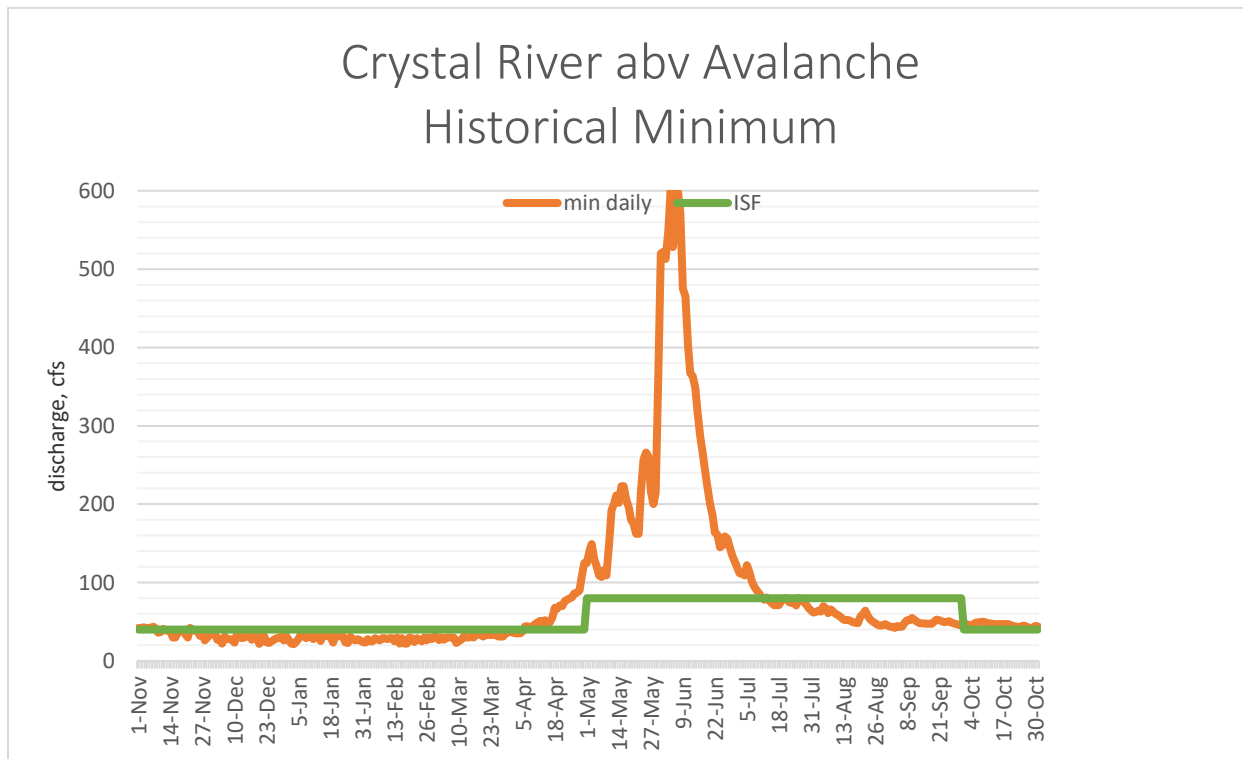
I must emphasize that storage must be a part of the solution, and that replacement supplies cannot be limited to only below Sweet Jessup Canal. The use of irrigation dry-up is limited seasonally, whereas needs run from July through early April. Irrigation rights that may be available for change to augmentation are generally downstream of Avalanche Creek, whereas needs occur both upstream and downstream of Avalanche Creek. The concerns of the lower Crystal River are well documented, to be sure both a winter and summer call are likely. Regarding the upper Crystal River, a simple analysis of the gaged data for the Crystal River above Avalanche Creek also reveals the potential for a winter and summer call. I have provided hydrographs for the gage depicting minimum historical daily average flows and 2018 daily average flows compared to the instream flow rights, as the ISF's are the likely calling rights above Avalanche Creek. Note the flow has dropped below the ISF rights on many days both winter and summer.

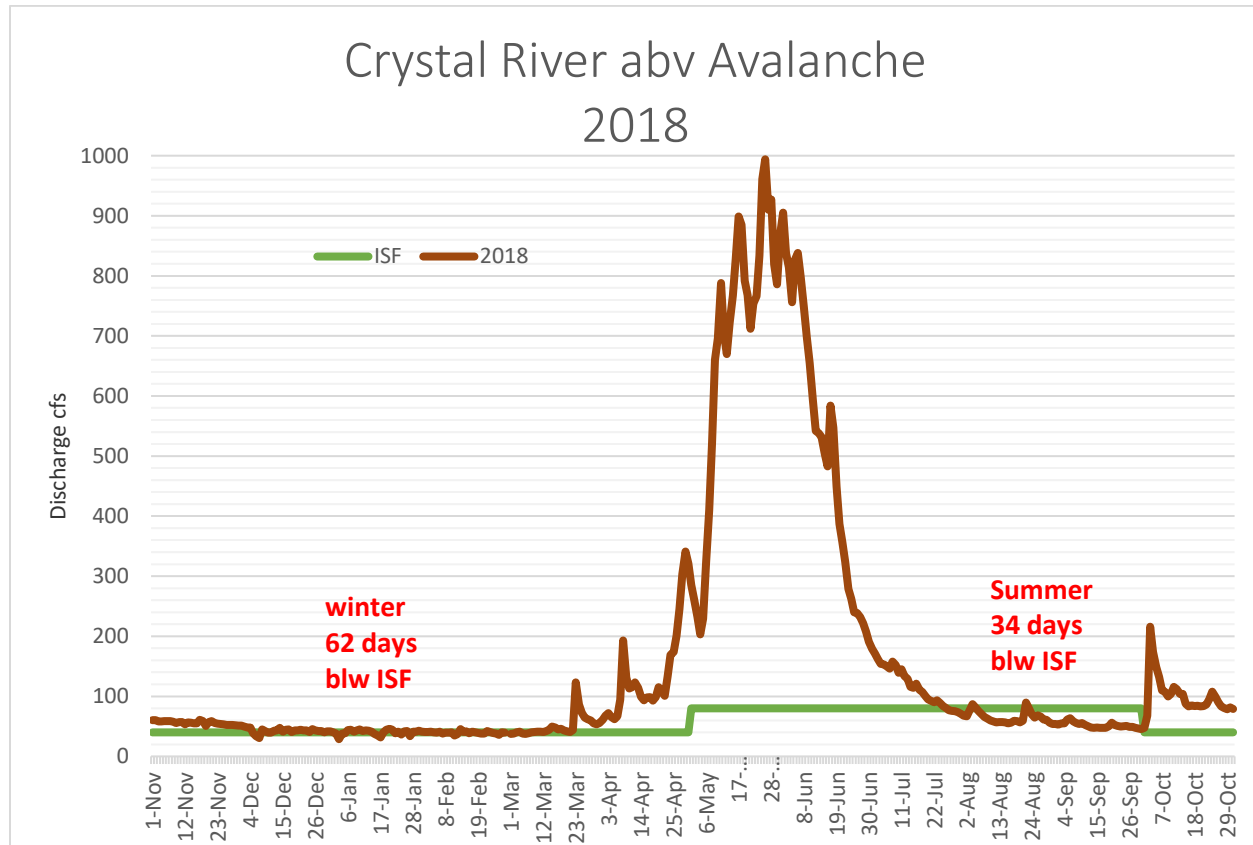
Sincerely,



Alan Martellaro, P.E.
Division Engineer

Ec: John Currier
Edward Rubin
Jake Dewolfe
James Heath
Div5filing







November 19, 2019

Mr. Jim Pokrandt, Chairman
Colorado River Basin Roundtable
Colorado River Water Conservation District
201 Centennial Street
Glenwood Springs, CO 81602

Re: Crystal River Basin Augmentation Planning Grant Request

Dear Jim,

The Gunnison Basin Roundtable would like to offer you this letter in support of the effort to obtain grant funding for water planning in the Crystal River Basin. Our understanding is that the plan would provide for investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin. We support the proposal to develop a study of options to address shortages in the basin, and would like to also express our support for using a robust collaborative approach during the planning process.

The headwaters and upper reaches of the Crystal River are located in Gunnison County above the Town of Marble. Although the majority of Gunnison County is in the geographic and hydrologic boundaries of the Gunnison Basin Roundtable, this part of Gunnison County is located in the watershed tributary to the mainstem of the Colorado River. Gunnison County is represented on the Gunnison Roundtable and has an interest in the project. (Notably Gunnison County does not have a seat on the Colorado River Roundtable as I understand it).

The Gunnison Roundtable unanimously approved sending this letter of support on November 18th. The Gunnison County Board of County Commissioners and the Town of Marble Trustees have begun discussions to identify opportunities to have a better connection to water planning for the upper reaches of the Crystal River Basin. The Gunnison Basin Roundtable applauds these efforts and simultaneously supports the grant application from Colorado River Water Conservation District and the West Divide Water Conservancy District to provide planning opportunities for this area. Thank you for your consideration.

Regards,

Kathleen

Kathleen Curry, Chair
Gunnison Basin Roundtable
54542 US Highway 50
Gunnison, CO 81230
Cell – 970-209-5537
kathleencurry@montrose.net



Mount Sopris Conservation District

258 Center Drive, Glenwood Springs, CO 81601

970-404-3439

www.mountsopriscd.org

November 18, 2019

Colorado Water Conservation Board

Re: Letter of Support for West Divide Water Conservancy District

This letter is being provided by the Mt. Sopris Conservation District in support of the WSRF grant application titled "Investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin" and proposed by the West Divide Water Conservancy District and Colorado River Water Conservation District. This grant application is being voted on at the November 25, 2019 Colorado Basin Roundtable meeting.

Issues with legal water supplies for Crystal River water users is not a new problem; the issue has been ongoing for many years. Funding of this grant application will allow for investigation of various alternatives to support the development of a regional plan for augmentation. Because of the lack of a legal water supply, out-of-priority depletions from junior water users have injured senior water right holders on the Crystal River. This grant will develop the most cost effective and feasible plan to move forward with a decreed plan for augmentation which will serve to protect the senior, agricultural water rights.

Sincerely,

Jeff Nieslanik, President
Mount Sopris Conservation District

Jeff Nieslanik, President; Sandy Jackson, Vice President; Robert Burry, Secretary / Treasurer;
Mike Wilde & Cassie Cerise, Board Members
Dennis Davidson, IWM Specialist; Mike Kishimoto, Conservation Technician
Sharie Prow, District Manager



WEST DIVIDE

WATER CONSERVANCY DISTRICT

818 Taughenbaugh Blvd., Suite 101 P.O. Box 1478
Rifle, Colorado 81650-1478
Tel: (970) 625-5461
Web: www.wdwcd.org Email: water@wdwcd.org

Jim Pokrandt, Chairman CBRT

This letter is being provided as a commitment to matching funds for the Grant Project titled: "Investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin". There are various entities contributing matching funds that are collectively being referred to as "Crystal River Water Users". Some entities have tentatively approved funds for this project but require Board approval to release those funds. West Divide Water Conservancy District, working as the public entity representing the various subdivisions and Towns on the Crystal River, commits to matching the remaining funds to meet the \$10,000 required match of these water users to fulfill the budget requirements laid out by the Colorado Water Conservation Board for both Water Supply Reserve Funding and Colorado Water Plan Grants. That value is currently \$3,314. However, that may change if the number of entities or their level of participation change in the near future.

West Divide Water Conservancy District looks forward to working with the various Crystal River water users and the Colorado River District to find a solution to the long-standing issue of an augmentation plan. A plan for augmentation not only benefits the junior water users but also stands to protect owners of senior water rights who may have been injured by the historic lack of augmentation of out-of-priority diversions.

Please advise should you have questions.

Best regards,

Samuel B. Potter, President
WDWCD

Wendy Ryan

From: Penny Devine <pdevine@cswinedistribution.com>
Sent: Wednesday, October 23, 2019 11:34 AM
To: Wendy Ryan; 'Kelcey Nichols'; 'Bill Blanton'; cmw255@yahoo.com; ebradley43@gmail.com; 'Edward Olszewski'; 'Jeffrey V. Houpt'; 'John Dicuollo'; 'Justin Lewis'; 'Peter D. Nichols'; 'Rochelle Smith'; 'Ron Leach Town of Marble'; 'Ryan Jarvis'; 'Sam Potter'; 'Michael Erion'; 'John Currier'; 'Thomas Zancanella'
Cc: 'Richard H. Borden'; 'Brett Gaylord'; pdevine@cswinedistribution.com
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

Wendy:

Chair Mountain Ranch Filing No. 2 is pleased to commit its share of \$351.

We also would like to find out the location and time of the Nov 25 mtg. We have a couple of our Board members who will be able to attend to give support.

Thank you for all your good work.

/pennyd

Chair Mtn Ranch Filing 2

From: Wendy Ryan <Wendy@coloradorivereng.com>
Sent: Tuesday, October 22, 2019 4:15 PM
To: 'Kelcey Nichols' <kcn@woodnicholslaw.com>; 'Bill Blanton' (bblanton@masonmorse.com)' <bblanton@masonmorse.com>; 'cmw255@yahoo.com' <cmw255@yahoo.com>; 'ebradley43@gmail.com' <ebradley43@gmail.com>; 'Edward Olszewski' <ed@ommpc.com>; 'Jeffrey V. Houpt' (jhaupt@bch-law.com) <jhaupt@bch-law.com>; 'John Dicuollo' <john.dicuollo@backbonemedia.net>; 'Justin Lewis' <j.mapping@gmail.com>; 'pdevine@cswinedistribution.com' <pdevine@cswinedistribution.com>; 'Peter D. Nichols' <pdn@bhgrlaw.com>; 'Rochelle Smith' <rs@woodnicholslaw.com>; 'Ron Leach Town of Marble' <leach@townofmarble.com>; 'Ryan Jarvis' <rjarvis@bch-law.com>; 'Sam Potter' <samisbmo7@gmail.com>; 'Michael Erion' <merion@resource-eng.com>; 'John Currier' <jcurrier@crwcd.org>; 'Thomas Zancanella' <taz@za-engineering.com>
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

All,

I have not received firm matching fund contributions for this effort from anyone.

I have tentatively gotten an amount from Carbondale, they are seeking their own engineering solution, but would also like to be involved with this project. They have committed with staff recommendation and I have applied their anticipated contribution to our matching requirements, but it still needs to be approved by their Board in November.

West Divide has already contributed over \$8,000 for getting the project going, drafting the scope of work, working with the River District, quantifying demands, working with Division 5 on identification of structures, etc. There is still a lot of work to be done!

Based on the demands we have quantified, the table below has distributed the remaining \$10,000 needed in matching funds.

Wendy Ryan

From: Kelcey Nichols <kcn@woodnicholslaw.com>
Sent: Thursday, October 24, 2019 9:10 AM
To: Wendy Ryan; Michael Erion
Cc: Peter D. Nichols; Jason Orff (jason@coloradopoolscares.com); Jim (jhamlin@sopris.net); Kurt; mark (mark@confluencearchitecture.com); westwind (westwind@sopris.net)
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

Follow Up Flag: Follow up
Flag Status: Flagged

Wendy,

The CRCE Water Co. will contribute \$1,500 toward the study. The board members discussed the study last night and feel that if the CRCE Water Co. is going to contribute more, it will need to be discussed at a meeting of the shareholders. The shareholder meeting is usually held in the 1st quarter of the year. The CRCE Water Co. has also had some significant expenses in 2019 due to the installation of the additional meter to more accurately measure water use, which will help us better calculate our augmentation needs, and the work of Resource Engineering and our firm. The CRCE Water Co. also took the initial lead in convening Crystal Valley water users to discuss a shared augmentation plan.

The CRCE Water Co. Board based the contribution amount on Michael's estimate that the CRCE Water Co. augmentation needs are 40% less than your initial estimate and that this number might be further reduced based on additional meter readings.

We really appreciate your work on the grant application. Please let me know if you have any questions.

Best,
Kelcey

From: Wendy Ryan <Wendy@coloradorivereng.com>
Sent: Tuesday, October 22, 2019 6:24 PM
To: Michael Erion <merion@resource-eng.com>
Cc: Kelcey Nichols <kcn@woodnicholslaw.com>
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

Thanks, Michael.

I knew you were working on updated numbers, but I'm in a time crunch to get this info and needed to get a reminder out today. I used annual numbers for everyone, just like we do for all west divide contracts. Our engineering values are always conservatively high, so I figured yours would come down.

I look forward to hearing what the board decides!

Thanks!
Wendy



COLORADO RIVER DISTRICT

PROTECTING WESTERN COLORADO WATER SINCE 1937

10/30/2019

Jim Pokrandt, Chairman CBRT

Re: Colorado River District Matching Funds Commitment for Crystal River Study

Dear Jim:

This letter is provided as confirmation that the Colorado River District has committed \$10,000 in matching funds for the grant project proposal titled: *“Investigations of Augmentation Demands, Exchange Potential, Small reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin”*.

The 2018 critically low flows in the Crystal River and the ensuing water rights call by the senior Ella Ditch was a stark reminder that numerous individuals, subdivisions and municipalities along the Crystal River lack adequate dry year, legal water supplies. These entities range from the Town of Carbondale on the lower river to the Town of Marble near the headwaters. Under strict water rights administration these individuals, subdivisions and municipalities risk having their critical water supplies curtailed.

The proposed study is very important in the development of a cost effective, regionally appropriate augmentation solution for those individuals and entities that rely on the Crystal River for their domestic and municipal water supply. The River District strongly supports this effort to develop a reliable, legal water supply for our constituents.

Sincerely,

John. M. Currier, P.E.
Chief Engineer

Wendy Ryan

From: Bill Blanton <bblanton@masonmorse.com>
Sent: Tuesday, October 22, 2019 8:49 PM
To: Wendy Ryan; 'Kelcey Nichols'; 'cmw255@yahoo.com'; 'ebradley43@gmail.com'; 'Edward Olszewski'; Jeffrey V. Houpt (jhaupt@bch-law.com); 'John Dicuollo'; 'Justin Lewis'; 'pdevine@cswinedistribution.com'; 'Peter D. Nichols'; 'Rochelle Smith'; 'Ron Leach Town of Marble'; 'Ryan Jarvis'; 'Sam Potter'; 'Michael Erion'; 'John Currier'; 'Thomas Zancanella'
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

Follow Up Flag: Follow up
Flag Status: Flagged

Wendy,

Sorry for the delayed reply. I have been waiting on input from the majority of our homeowners which I have just received. The Crystal View Heights, Filing One Subdivision will definitely contribute the amount assigned to us in the amount of \$351.00. Please let me know if you need anything else from me to confirm this.

Thank you for your efforts in this matter,

Bill

Bill Blanton, Secretary
Crystal View Heights Filing One, HOA, Inc.

From: Wendy Ryan <Wendy@coloradodrivereng.com>
Sent: Tuesday, October 22, 2019 4:15 PM
To: 'Kelcey Nichols' <kcn@woodnicholslaw.com>; Bill Blanton <bblanton@masonmorse.com>; 'cmw255@yahoo.com' <cmw255@yahoo.com>; 'ebradley43@gmail.com' <ebradley43@gmail.com>; 'Edward Olszewski' <ed@ommpc.com>; Jeffrey V. Houpt (jhaupt@bch-law.com) <jhaupt@bch-law.com>; 'John Dicuollo' <john.dicuollo@backbonemedia.net>; 'Justin Lewis' <j.mapping@gmail.com>; 'pdevine@cswinedistribution.com' <pdevine@cswinedistribution.com>; 'Peter D. Nichols' <pdn@bhgrlaw.com>; 'Rochelle Smith' <rs@woodnicholslaw.com>; 'Ron Leach Town of Marble' <leach@townofmarble.com>; 'Ryan Jarvis' <rjarvis@bch-law.com>; 'Sam Potter' <samisbmo7@gmail.com>; 'Michael Erion' <merion@resource-eng.com>; 'John Currier' <jcurrier@crwcd.org>; 'Thomas Zancanella' <taz@za-engineering.com>
Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

All,

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West Divide has already contributed over \$8,000 for getting the project going, drafting the scope of work, working with the River District, quantifying demands, working with Division 5 on identification of structures, etc. There is still a lot of work to be done!

Wendy Ryan

From: Ron Leach Town of Marble <leach@townofmarble.com>
Sent: Thursday, October 24, 2019 5:26 PM
To: Wendy Ryan; Kelcey Nichols; Bill Blanton (bblanton@masonmorse.com); cmw255@yahoo.com; ebradley43@gmail.com; Edward Olszewski; Jeffrey V. Houpt (jhaupt@bch-law.com); John Dicuollo; Justin Lewis; pdevine@cswinedistribution.com; Peter D. Nichols; Rochelle Smith; Ryan Jarvis; Sam Potter; Michael Erion; John Currier; Thomas Zancanella
Cc: Vinciguerra, Ryan; tim hunter; larry good; Bielski, Emma; Charlie Manus; terry langley; kendall burgemeister; John Ann Williams; Tom and Kay Williams; charley parker
Subject: Re: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions
Attachments: WDWCD CRWCD CRYSTAL RIVER WSRF EXHIBIT A SOW.doc; WDWCD CRWCD CRYSTAL RIVER WSRF GRANT APPLICATION.doc; WDWCD CRWCD Crystal WSRF BUDGET_SCHEDULE TABLE.xls

Wendy,

Thank you for preparing the application for funding for the Crystal River Water Augmentation project.

This issue will be included for discussion on the agenda of the Marble Board of Trustees at their regular monthly meeting on November 7th, 2019 as well as the requested match of \$3,814. Tom Zancanella will be in attendance at the meeting to brief the Trustees on the status of the project.

Thanks,
Ron Leach, Town Administrator
Town of Marble

From: Wendy Ryan <Wendy@coloradorivereng.com>
Sent: Monday, October 7, 2019 4:43 PM
To: Kelcey Nichols <kcn@woodnicholslaw.com>; Bill Blanton (bblanton@masonmorse.com) <bblanton@masonmorse.com>; cmw255@yahoo.com <cmw255@yahoo.com>; ebradley43@gmail.com <ebradley43@gmail.com>; Edward Olszewski <ed@ommpc.com>; Jeffrey V. Houpt (jhaupt@bch-law.com) <jhaupt@bch-law.cm>; John Dicuollo <john.dicuollo@backbonemedia.net>; Justin Lewis <j.mapping@gmail.com>; pdevine@cswinedistribution.com <pdevine@cswinedistribution.com>; Peter D. Nichols <pdn@bhgrlaw.com>; Rochelle Smith <rs@woodnicholslaw.com>; Ron Leach Town of Marble <leach@townofmarble.com>; Ryan Jarvis <rjarvis@bch-law.com>; Sam Potter <samismbo7@gmail.com>; Michael Erion <merion@resource-eng.com>; John Currier <jcurrier@crwcd.org>; Thomas Zancanella <taz@za-engineering.com>
Subject: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

All,

Please find the draft application package attached for your review. I welcome your input and comments. I have already heard back from Tom Zancanella, and have incorporated his comments into the Scope of Work.

We need to get a plan together for funding. The Basin Roundtable is very limited on their available funds, so we will likely be seeking a combination of Colorado Water Plan grant and Water Supply Reserve funding from the Roundtable/Statewide accounts.

We have matching fund requirements for these grants and we would like to ask all of you to please let me know what your entity might be able to contribute.

I would ask that you please let me know by October 25th (or ASAP) what your entity can contribute to this effort and if you have any comments regarding the application/scope/budget.

I do not have a contact for the Town of Carbondale other than their engineer, Michael Erion. If there is someone from Carbondale that I should pass this on to, please let me know.

We are scheduled to present this request to the Colorado Basin Roundtable on November 25th and your attendance would be welcome!

If you have any questions, please don't hesitate to contact me by phone or email.
Thank you!

Wendy
970-625-4933 ext 116

Total Control Panel

[Login](#)

To: wendy@coloradorivereng.com [Remove](#) this sender from my allow list

From: leach@townofmarble.com

You received this message because the sender is on your allow list.

Wendy Ryan

From: John Dicuollo <john.dicuollo@backbonemedia.net>
Sent: Thursday, October 24, 2019 11:06 AM
To: Wendy Ryan
Cc: 'Bill Blanton (bblanton@masonmorse.com)'; 'Kelcey Nichols'; 'cmw255@yahoo.com'; 'ebradley43@gmail.com'; 'Edward Olszewski'; Jeffrey V. Houpt (jhaupt@bch-law.com); 'Justin Lewis'; 'pdevine@cswinedistribution.com'; 'Peter D. Nichols'; 'Rochelle Smith'; 'Ron Leach Town of Marble'; 'Ryan Jarvis'; 'Sam Potter'; 'Michael Erion'; 'John Currier'; 'Thomas Zancanella'; John Masters
Subject: Re: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

Wendy,

Thank you for all your hard work on this project.

Seven Oaks will contribute our matching fund contribution of \$970. Please let me know next steps in terms of getting this check to you, etc.

Keep me posted.

Thank you, jLd

JOHN DICUOLLO
Senior PR Account Manager



a: 65 North 4th St. Suite One,
Carbondale, CO 81623
t: 970.963.4873 ext 118
w: backbonemedia.net

From: Wendy Ryan <Wendy@coloradorivereng.com>
Date: Tuesday, October 22, 2019 at 4:15 PM
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Subject: RE: Crystal River Draft Application, Scope of Work, Schedule/Budget and Request for Matching Fund Contributions

All,

I have not received firm matching fund contributions for this effort from anyone.