



# COLORADO WATER CONSERVATION BOARD



## WATER SUPPLY RESERVE ACCOUNT 2007-2008 GRANT APPLICATION FORM

Arkansas River Basin John Martin Wetlands and Neenoshe Reservoir Nonconsumptive Needs Quantification

Name of Water Activity/Project

River Basin Location

\$148,975

☒

Basin Account

☒

Yes

☐

Statewide Account

☐

No

Amount of Funds Requested

Please Check Applicable Box

Approval Letter Signed By  
Roundtable Chair and  
Description of Results of  
Evaluation and Approval  
Process

**\* For the Basin Account, the Application Deadline is 60 Days Prior to the Bimonthly CWCB meeting. The CWCB meetings are posted at [www.cwcb.state.co.us](http://www.cwcb.state.co.us) and are generally the third week of the month.**

**\* For the Statewide Account, the Application Deadline is 60 Days Prior to the March and September CWCB Board Meetings.**

\* In completing the application you may attach additional sheets if the form does not provide adequate space. If additional sheets are attached please be sure to reference the section number of the application that you are addressing (i.e., A.1. etc.).

**Instructions:** This application form must be submitted in electronic format (Microsoft Word or Original PDF are preferred). The application can be emailed or a disc can be mailed to the address at the end of the application form. The Water Supply Reserve Account Criteria and Guidelines can be found at <http://cwcb.state.co.us/TWMD/>. **The criteria and guidelines should be reviewed and followed when completing this application.** You may attach additional sheets as necessary to fully answer any question, or to provide additional information that you feel would be helpful in evaluating this application. Include with your application a cover letter summarizing your request for a grant. If you have difficulty with any part of the application, contact Todd Doherty of the Intrastate Water Management and Development (Colorado Water Conservation Board) for assistance, at (303) 866-3441 ext.3210 or email Todd at [todd.doherty@state.co.us](mailto:todd.doherty@state.co.us).

Generally, the applicant is also the prospective owner and sponsor of the proposed water activity. If this is not the case, contact the Todd Doherty before completing this application.

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### Part A. - Description of the Applicant (Project Sponsor or Owner);

1.	Applicant Name(s):	Lower Arkansas Valley Water Conservancy District		
	Mailing address:	801 Swink Ave Rocky Ford, CO 81067		
	Taxpayer ID#:	48 1298144	Email address:	cquezada@centurytel.net
	Phone Numbers: Business:	719-254-5115		
	Home:			
	Fax:	719- 254-5150		

2. Person to contact regarding this application if different from above:

Name:	SeEtta Moss
Position/Title	Chairperson, ABRT NCNA Committee

3. Provide a brief description of your organization below: see “Description of Applicant” in Part 2 of Criteria and Guidance for required information.

The mission of the Lower Arkansas Valley Water Conservancy District is to acquire, retain and conserve water flowing in the Arkansas River and its tributaries; to insure that all water will remain in the valley for the socio-economic benefit of the District citizens; and to participate in water-related projects that will embody thoughtful conservation, responsible growth, and beneficial water usage within the Lower Arkansas Valley. To further its mission, the District may, among other methods, accept conservation easements, with or without water attached, that will further the mission of the District and its interests.

The District was formed in 2002 by voters in Pueblo, Otero, Crowley, Bent & Prowers Counties. For more information please see the following website:  
<http://www.lavwcd.org>.

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4. If the Contracting Entity is different then the Applicant (Project Sponsor or Owner) please describe the Contracting Entity here.

Not applicable

### Part B. - Description of the Water Activity – Please Refer to Criteria and Guidance Document for Eligibility Requirements

1. Name of water activity/project:

Arkansas River Basin John Martin Wetlands and Neenoshe Reservoir  
Nonconsumptive Needs Quantification

What is the purpose of this grant application?

☐

Environmental compliance and feasibility study

☐

Technical Assistance regarding permitting, feasibility studies, and environmental compliance

☒

Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs, projects

Study or Analysis of:

☐

Structural project or activity

☒

Nonstructural project or activity

☐

Consumptive project or activity

☒

Nonconsumptive project or activity

☐

Structural and/ or nonstructural water project or activity

2.

Describe

1. The water activity meets the eligibility requirements outlined in Part 2 of the Criteria and Guidelines.

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The project is to further study the Arkansas Basin's nonconsumptive needs assessments which is specifically discussed in the eligibility requirements and requisite for the completion of the gap analysis.

2. The water activity is consistent with Section 37-75-102 Colorado Revised Statutes. The requirements/language from the statute is provided in Part 3 of the Criteria and Guidelines.

The water needs assessment will not restrict the ability of the holder of a water right to use or to dispose of that water right in any manner permitted by Colorado law and is consistent with CRS 37-75-102.

3. The water activity underwent an evaluation and approval process and was approved by the Basin Roundtable (BRT) and the application includes a description of the results of the BRT's evaluation and approval of the activity. At a minimum, the description must include the level of agreement reached by the roundtable, including any minority opinion(s) if there was not general agreement for the activity. The description must also include reasons why general agreement was not reached (if it was not), including who opposed the activity and why they opposed it. Note- If this information is included in the letter from the roundtable chair simply reference that letter.

A letter from Roundtable Chair (Gary Barber) summarizing the results of the CBRT voting on this activity is forthcoming.

4. The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes. The requirements/language from the statute is provided in Part 3 of the Criteria and Guidelines.

This is exactly in keeping with section 37-75-104(2)(c) of the Colorado Revised Statutes in that it is designed to develop the information necessary for the Arkansas River Basin nonconsumptive needs assessment and requisite for the completion of the gap analysis.

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3. For Applications that include a request for funds from the Statewide Account, describe how the water activity meets the **Evaluation Criteria**. See Part 3 of Criteria and Guidelines.

Not applicable

4. Please provide an overview of the water project or activity to be funded including – type of activity, statement of what the activity is intended to accomplish, the need for the activity, the problems and opportunities to be addressed, expectations of the participants, why the activity is important, the service area or geographic location, and any relevant issues etc. Please include any relevant TABOR issues that may affect the Contracting Entity. Please refer to Part 2 of Criteria and Guidance document for additional detail on information to include.

The Arkansas Basin non-consumptive needs assessment committee has been meeting for the 18 months to complete the Arkansas Basin's Non-consumptive Needs Assessment, which is required under HB05-1177. The committee's efforts have focused on the following key efforts:

- Identifying environmental and recreational attributes in the Arkansas Basin
- Prioritizing environmental and recreational needs in relation to water resources in the Arkansas Basin
- Identifying what areas in the basin require further analysis regarding quantification on environmental and recreational needs

The non-consumptive needs assessment committee is adopting a phased approach that will allow the Arkansas Basin Roundtable to prepare an initial gap analysis for consumptive and non-consumptive needs in the basin while we pursue quantification needs of those identified high priority areas for which quantification is lacking. This phased approach will avoid delaying the basin gap analysis while insuring that all of the high priority needs areas are adequately assessed and incorporated into the gap analysis in later phases. The non-consumptive needs assessment committee has identified three critical areas of focus for the next assessment phase. These include site-specific quantification for wetlands west of John Martin Reservoir that support bird habitat, site-specific quantification of lake levels for Neenoshe Reservoir that support Least Tern and Piping Plover breeding habitats, and development of a river restoration plan for 44 miles of Fountain Creek that has multiple problems associated with impacts of increased population. The Fountain Creek portion of the needs assessment is being addressed under a separate contract and is considered an in-kind service for the overall needs assessment effort. These assessments will provide vital information for the needs assessment of both

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environmental and recreational attributes including the following: preserving habitat for birds that are of statewide conservation concern and/or listed as Threatened and Endangered; maintaining, improving and providing additional wetlands that reduce area flooding by storing water, recharging water aquifers, and filtering sediment that protects downstream reaches and reservoirs from sediment loading; maintaining wetland and aquatic habitats that serve as waterfowl production areas that are needed to maintain and enhance waterfowl hunting opportunities; providing aquatic habitat necessary for fishing opportunities; and maintaining and/or improving general wildlife and especially bird watching recreational activities.

5. Please summarize the proposed scope of work. Please refer to Part 2 of the Criteria and Guidance document for detailed requirements. On the following page there is an example format for the Scope of Work. You can use the example format or your own format, provided that comparable information is included.

The scope of work should outline by task how the water activity will be accomplished. It is important that the scope of work detail the specific steps, activities/procedures that will be followed to accomplish the water activity and the specific products/deliverables that will be accomplished. The scope of work should include but not be limited to: task description, key personnel, budget, schedule and deliverables and the final report/project documentation upon completion of the water activity.

Please see attached scope of work.

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6. Water Availability and Sustainability – this information is needed to assess the viability and effectiveness of the water project or activity. Please provide a description of each water supply source to be utilized for, or the water body to be affected by, the water activity. For water supply sources being utilized, describe its location, yield, extent of development, and water right status. For water bodies being affected, describe its location, extent of development, and the expected effect of the water activity on the water body, in either case, the analysis should take into consideration a reasonable range of hydrologic variation.

The main purpose of this project is to further quantify the nonconsumptive needs in the Arkansas Basin. This project is not a water development project and will not identify or utilize water supply sources for project development.

7. Please provide a brief narrative of any related or relevant previous studies.

As part of the scope of work, the contractor will identify historic data and studies relevant to the area. The Colorado Natural Heritage Program has studied the biological aspects of Queens State Wildlife area. The summary report of this effort will be included in this study.

8. Additional Information – If you feel you would like to add any additional pertinent information please feel free to do so here.

In-kind services, totaling \$41,250.00 will be provided for preparation of a river restoration plan for 44 miles of Fountain Creek including land use mapping for the entire stretch. The goals of the restoration plan include:

- Improve watershed health by reducing erosion, sedimentation and flooding and improving water quality
- Create stable riparian and ecosystems to attract and support native wildlife and vegetation
- Sustain productive agricultural lands along corridor
- Lay-out trail from Colorado Springs to Pueblo with recreational and educational opportunities
- Gain public and private support through partnerships to facilitate implementation and future funding

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The river restoration plan will include approximately 44 miles of Fountain Creek. The reach extends from the southern city limits of Colorado Springs south to the confluence with the Arkansas River in Pueblo. Plans will be prepared for the entire reach that reflects the engineering techniques used to restore Fountain Creek. Quantities of wetlands, wildlife habitats, stream bank stabilization and flood water side detention will be estimated.

Current land use mapping for the entire 44 mile reach will be developed. Proposed future land use for approximately 8 miles of the reach will also be developed. These 8 miles include four demonstration projects that will be developed and planned to reflect the future land use adjacent to the creek. These 8 miles will be studied in greater detail, including public involvement. This effort will provide land use assumptions for the future of the entire 44 mile reach. Quantities of land use type will be provided to assist with the non-consumptive use needs assessment.

In addition to the Fountain Creek restoration plan, in-kind services in the form of technical support to the project will be provided by Colorado Division of Wildlife and Audubon Colorado. Both organizations have committed 20 hours of staff time to participate in the project for an estimate of \$2,000 in services. Letters committing to this level of effort are attached to this scope of work. Also, ~~Audubon Colorado has committed~~ Arkansas Valley Audubon Society has committed \$1,000 in cash funds for the project. This is reflected in the project budget.

The above statements are true to the best of my knowledge:

**Signature of Applicant:**

**Print Applicant's Name:**

**Project Title:**

### Return this application to:

Mr. Todd Doherty  
Intrastate Water Management and Development Section  
COLORADO WATER CONSERVATION BOARD  
1580 Logan Street, Suite 600  
Denver, CO 80203

To submit applications by Email, send to: [todd.doherty@state.co.us](mailto:todd.doherty@state.co.us)