



COLORADO WATER CONSERVATION BOARD

WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM



ELBERT COUNTY RURAL WATER SUPPLY STUDY

Name of Water Activity/Project

BOARD OF COUNTY COMMISSIONERS, ELBERT COUNTY

Name of Applicant

METRO: (\$40,000)
SOUTH PLATTE: (\$40,000)

Amount from Statewide Account: \$40,000

Amount from Basin Account(s):
METRO: \$40,000
SP: \$40,000

Approving Basin Roundtable(s)
(If multiple basins specify amounts in parentheses.)

Total WSRA Funds Requested: \$120,000

Application Content

Application Instructions	page 2
Part I – Description of the Applicant	page 3
Part II – Description of the Water Activity	page 5
Part III – Threshold and Evaluation Criteria	page 8
Part IV – Required Supporting Material	
Water Rights, Availability, and Sustainability	page 17
Related Studies	page 17
Signature Page	page 19

Required Exhibits

A. Statement of Work, Budget, and Schedule	Exhibit A
B. Project Map	Exhibit B
C. As Needed (i.e. letters of support, photos, maps, etc.)	Exhibit C

Appendices – Reference Material

1. Program Information
2. Insurance Requirements
3. WSRA Standard Contract Information (Required for Projects Over \$100,000)
4. W-9 Form (Required for All Projects Prior to Contracting)



Water Supply Reserve Account – Application Form

Revised December 2011

Instructions

To receive funding from the Water Supply Reserve Account (WSRA), a proposed water activity must be approved by the local Basin Roundtable AND the Colorado Water Conservation Board (CWCBC). The process for Basin Roundtable consideration and approval is outlined in materials in Appendix 1.

Once approved by the local Basin Roundtable, the applicant should submit this application with a detailed statement of work including budget and schedule as Exhibit A to CWCBC staff by the application deadline.

WSRA applications are due with the roundtable letter of support 60 calendar days prior to the bi-monthly Board meeting at which it will be considered. Board meetings are held in January, March, May, July, September, and November. Meeting details, including scheduled dates, agendas, etc. are posted on the CWCBC website at: <http://cwcb.state.co.us> Applications to the WSRA Basin Account are considered at every board meeting, while applications to the WSRA Statewide Account are only considered at the March and September board meetings.

When completing this application, the applicant should refer to the WSRA Criteria and Guidelines available at: <http://cwcb.state.co.us/LoansGrants/water-supply-reserve-account-grants/Documents/WSRACriteriaGuidelines.pdf>

The application, statement of work, budget, and schedule must be submitted in electronic format (Microsoft Word or text-enabled PDF are preferred) and can be emailed or mailed on a disk to:

Greg Johnson – WSRA Application
Colorado Water Conservation Board
1580 Logan Street, Suite 200
Denver, CO 80203
gregory.johnson@state.co.us

If you have questions or need additional assistance, please contact Greg Johnson at: 303-866-3441 x3249 or gregory.johnson@state.co.us.

Water Supply Reserve Account – Application Form

Revised December 2011

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

1. Applicant Name(s):	ELBERT COUNTY BOARD OF COUNTY COMMISSIONERS		
Mailing address:	215 COMANCHE ST. P.O. BOX 7 KIOWA, CO 80117 Ed Ehmann, CC ALL CORRESPONDENCE TO: robert.roland@elbertcounty-co.gov; kelly.dore@elbertcounty-co.gov; wade.gately@elbertcounty-co.gov		
Taxpayer ID#:	08-033800		
Primary Contact:	Bob Ware Ed Ehmann	Position/Title:	WATER ADVISORY CHMN
Email:	bware00@q.com ed.ehmann@elbertcounty-co.gov		
Phone Numbers:	Cell: (303) 986-9085 303.621.2286	Office:	
Alternate Contact:	Gary Lauer Larry Ross	Position/Title:	WATER ADVISORY COMM
Email:	dieselstinger@men.com		
Phone Numbers:	Cell: 303.912.6465	Office:	303-621-2286

2. Eligible entities for WSRA funds include the following. What type of entity is the Applicant?

- ☒ Public (Government) – municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities and the local entity should be the grant recipient. 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 defined as any organization that is not part of the government.

548040 B: 757 P: 35 APP
01/14/2015 03:14:45 PM Page: 3 of 40 R 0.00 D
Dallas Schroeder Recorder, Elbert County, Co



3. Provide a brief description of your organization

The Board of County Commissioners serves as the governing body for Elbert County. The County is near the center of Colorado, along the Front Range, extending from southeast of Denver towards Colorado Springs. Elbert County encompasses 1,850 square miles of foothills and plains, with a population of 24,000 distributed among 7,000 households. A majority of the county lies in the South Platte Basin, with the State's largest projected water supply gap.

Most of the water needs of Elbert County are drawn from the Denver Basin aquifers. While remaining rural on the eastern side, the western side is becoming more urban where a majority of the population commutes to the metro Denver area to work. The towns of Elizabeth, Kiowa, and Simla are incorporated, and the smaller towns of Agate, Elbert and Matheson remain unincorporated.

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

NOT APPLICABLE.

5. Successful applicants will have to execute a contract with the CWCB prior to beginning work on the portion of the project funded by the WSRA grant. In order to expedite the contracting process the CWCB has established a standard contract with provisions the applicant must adhere to. A link to this standard contract is included in Appendix 3. Please review this contract and check the appropriate box.

☒


The Applicant will be able to contract with the CWCB using the Standard Contract

☐

The Applicant has reviewed the standard contract and has some questions/issues/concerns. Please be aware that any deviation from the standard contract could result in a significant delay between grant approval and the funds being available.

6. 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.

548040 B: 757 P: 35 APP
01/14/2015 03:14:45 PM Page: 4 of 40 R 0.00 D
Dallas Schroeder Recorder, Elbert County, Co


Water Supply Reserve Account – Application Form

Revised December 2011

Part II. - Description of the Water Activity/Project

1. What is the primary purpose of this grant application? (Please check only one)

☐

Nonconsumptive (Environmental or Recreational)

☐

Agricultural

☐

Municipal/Industrial

☒

Needs Assessment

☐

Education

☐

Other

Explain:

2. If you feel this project addresses multiple purposes please explain.

THE STUDY IS A COMPREHENSIVE REVIEW OF CURRENT RURAL ELBERT COUNTY WATER NEEDS, THE CONTINUED USE OF DENVER BASIN GROUNDWATER OVER THE 2050 PLANNING HORIZON AND THE INSTITUTIONAL AND FINANCIAL CHALLENGES. IT WILL ALSO ADDRESS SUSTAINABILITY OF EXISTING WATER RESOURCES, AND ASSESS THE OPTIONS AVAILABLE THROUGH REGIONAL COLLABORATION AROUND SHARED INFRASTRUCTURE, THE POSSIBILITY OF REUSE, AND SYSTEM INTERCONNECTIONS, INCREASED EFFICIENCY AND CONSERVATION. NON-CONSUMPTIVE ENVIRONMENTAL AND RECREATIONAL USES WILL ALSO BE ADDRESSED.

3. Is this project primarily a study or implementation of a water activity/project? (Please check only one)

☒

Study

☐

Implementation

4. To catalog measurable results achieved with WSRA funds can you provide any of the following numbers?

New Storage Created (acre-feet)

New Annual Water Supplies Developed, Consumptive or Nonconsumptive (acre-feet)

Existing Storage Preserved or Enhanced (acre-feet)

Length of Stream Restored or Protected (linear feet)

Length of Pipe/Canal Built or Improved (linear feet)

Efficiency Savings (acre-feet/year OR dollars/year – circle one)

Area of Restored or Preserved Habitat (acres)

☒

Other – Explain:

Analysis of projected water demands vs. available supplies



Water Supply Reserve Account – Application Form

Revised December 2011

4. To help us map WSRA projects please include a map (Exhibit B) and provide the general coordinates below:

Latitude:	FROM: 39.092299 TO: 38.267298	Longitude:	FROM: -104.862549 TO: -104.723225
-----------	----------------------------------	------------	--------------------------------------

5. Please provide an overview/summary of the proposed water activity (no more than one page). Include a description of the overall water activity and specifically what the WSRA funding will be used for. A full Statement of Work with a detailed budget and schedule is required as Exhibit A of this application.

Elbert County relies heavily on nonrenewable groundwater from the Denver Basin aquifers for water supply. Population growth in the county has placed increasing demands on groundwater resources, and future groundwater withdrawals are expected to increase as the population continues to grow. The proximity of Elbert County to the major urban areas of the Front Range creates challenges as to demands, but also raises the prospect of potential opportunities for collaboration in regional projects.

A comprehensive review of current rural Elbert County water needs is required to evaluate the continued use of Denver Basin groundwater through the 2050 planning horizon, and the institutional and financial challenges that such presents.

Funds from this grant will be used in 2015 to review recent Denver Basin groundwater studies and water level data to assess the sustainability of current and future use of Denver Basin groundwater by rural, suburban, metropolitan and industrial uses, and by water districts.

The Elbert County Commissioners committed \$20,000 in matching funds to help fund this study.

The objectives of the study also include addressing the sustainability of existing water resources , and will assess the options available through regional collaboration around shared infrastructure, the possibility of reuse, and system interconnections, increased efficiency and conservation. Non-consumptive environmental and recreational benefits will also be addressed.

Study Objectives:

1. Identify supplies and quantify long-term projected water demand for Elbert County through the 2050 planning horizon under varying projected growth scenarios.
2. Review recent Denver Basin groundwater studies and water level data for Elbert County
3. Assess the sustainability of current and future use of Denver Basin groundwater by Elbert County's rural residents, water districts and municipalities.
4. Identify water resource options, and opportunities to optimize existing and future water supply infrastructure including renewable water, re-use & water efficiency alternatives.
5. Provide comparative cost-benefit analysis for water resource alternatives and identify potential funding scenarios.
6. Identify goals, opportunities, challenges and measurable outcomes for decision makers' policy development, and time-critical thresholds for preserving options for existing and new water supply.



Water Supply Reserve Account – Application Form

Revised December 2011

Part III. – Threshold and Evaluation Criteria

1. Describe how the water activity meets these Threshold Criteria. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines.)
 - a) The water activity is consistent with Section 37-75-102 Colorado Revised Statutes.¹
The study meets the water needs identification activities by the Statewide Water Supply Initiative (SWSI). Eligible Water Activities, as identified in Senate Bill 06-179, include:
 - Studies or analyses of structural, non-structural, consumptive and non-consumptive water needs, projects, or activities, and
 - Structural and non-structural water projects or activities.The Applicant is an eligible grantee, being a political subdivision of the State, pursuant to CRS 29-10-204(4)
 - b) 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.

Please see enclosed Metro and South.Platte BRT letters.

¹ 37-75-102. Water rights - protections. (1) It is the policy of the General Assembly that the current system of allocating water within Colorado shall not be superseded, abrogated, or otherwise impaired by this article. Nothing in this article shall be interpreted to repeal or in any manner amend the existing water rights adjudication system. The General Assembly affirms the state constitution's recognition of water rights as a private usufructuary property right, and this article is not intended to restrict the ability of the holder of a water right to use or to dispose of that water right in any manner permitted under Colorado law. (2) The General Assembly affirms the protections for contractual and property rights recognized by the contract and takings protections under the state constitution and related statutes. This article shall not be implemented in any way that would diminish, impair, or cause injury to any property or contractual right created by intergovernmental agreements, contracts, stipulations among parties to water cases, terms and conditions in water decrees, or any other similar document related to the allocation or use of water. This article shall not be construed to supersede, abrogate, or cause injury to vested water rights or decreed conditional water rights. The General Assembly affirms that this article does not impair, limit, or otherwise affect the rights of persons or entities to enter into agreements, contracts, or memoranda of understanding with other persons or entities relating to the appropriation, movement, or use of water under other provisions of law.



Water Supply Reserve Account – Application Form

Revised December 2011

- c) The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes.² The Basin Roundtable Chairs shall include in their approval letters for particular WSRA grant applications a description of how the water activity will assist in meeting the water supply needs identified in the basin roundtable's consumptive and/or non-consumptive needs assessments.

SWSI: Key recommendation #5: "Create a Common Understanding of Future Water Supplies.

To more accurately assess the alternatives available to the State in meeting our future water needs, the analysis of supply availability for each basin will determine developmental flows. . . "

SWSI: Key recommendation #6: "Develop Implementation Plans Towards Meeting Future Need.

The success of any current or future option, for meeting our water needs will have some degree of uncertainty. To better facilitate successful implementation, the following should be addressed in more details:

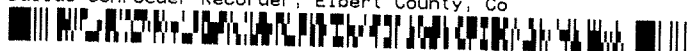
A. Addressing gaps in rural areas and smaller water providers.

The proposed study supports CRS 37-75-10(2)(c) by contributing to a basin-wide water supply needs assessment, by identifying water availability and those areas at the greatest risk of depletions.

- d) Matching Requirement: For requests from the Statewide Fund, the applicants is required to demonstrate a 20 percent (or greater) match of the request from the Statewide Account. Statewide requests must also include a minimum match of 5 percent of the total grant amount from Basin Funds. Sources of matching funds include but are not limited to Basin Funds, in-kind services, funding from other sources, and/or direct cash match. Past expenditures directly related to the project may be considered as matching funds if the expenditures occurred within 9 months of the date the application was submitted to the CWCB. Please describe the source(s) of matching funds. (NOTE: These matching funds should also be reflected in your Detailed Budget in Exhibit A of this application)

This request for \$40,000 from the WSRA Statewide Fund is matched by \$80,000 from Basin Funds, plus \$20,000 from Elbert County. Additionally, Elbert County volunteers have donated \$15,000 in-kind in time and resources to coordinate planning/funding for this initiative to date. Including those in-kind services would total \$115,000, for a 282 percent match. The \$80,000 Basin Funds match (*\$40,000 from the Metro BRT, and \$40,000 from the South Platte BRT*) makes up 66.7 percent of the \$120,000 request from WSRA Funds. A detailed budget is provided at Exhibit A.

² 37-75-104 (2)(c). Using data and information from the Statewide Water Supply Initiative and other appropriate sources and in cooperation with the on-going Statewide Water Supply Initiative, develop a basin-wide consumptive and nonconsumptive water supply needs assessment, conduct an analysis of available unappropriated waters within the basin, and propose projects or methods, both structural and nonstructural, for meeting those needs and utilizing those unappropriated waters where appropriate. Basin Roundtables shall actively seek the input and advice of affected local governments, water providers, and other interested stakeholders and persons in establishing its needs assessment, and shall propose projects or methods for meeting those needs. Recommendations from this assessment shall be forwarded to the Interbasin Compact Committee and other basin roundtables for analysis and consideration after the General Assembly has approved the Interbasin Compact Charter.



Water Supply Reserve Account – Application Form

Revised December 2011

2. For Applications that include a request for funds from the Statewide Account, describe how the water activity/project meets all applicable Evaluation Criteria. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines and repeated below.) Projects will be assessed on how well they meet the Evaluation Criteria. Please attach additional pages as necessary.

Evaluation Criteria – the following criteria will be utilized to further evaluate the merits of the water activity proposed for funding from the Statewide Account. In evaluation of proposed water activities, preference will be given to projects that meet one or more criteria from each of the three “tiers” or categories. Each “tier” is grouped in level of importance. For instance, projects that meet Tier 1 criteria will outweigh projects that only meet Tier 3 criteria. WSRA grant requests for projects that may qualify for loans through the CWCB loan program will receive preference in the Statewide Evaluation Criteria if the grant request is part of a CWCB loan/WSRA grant package. For these CWCB loan/WSRA grant packages, the applicant must have a CWCB loan/WSRA grant ratio of 1:1 or higher. Preference will be given to those with a higher loan/grant ratio.

Tier 1: Promoting Collaboration/Cooperation and Meeting Water Management Goals and Identified Water Needs

- a. The water activity addresses multiple needs or issues, including consumptive and/or non-consumptive needs, or the needs and issues of multiple interests or multiple basins. This can be demonstrated by obtaining letters of support from other basin roundtables (in addition to an approval letter from the sponsoring basin).
- b. The number and types of entities represented in the application and the degree to which the activity will promote cooperation and collaboration among traditional consumptive water interests and/or non-consumptive interests, and if applicable, the degree to which the water activity is effective in addressing intrabasin or interbasin needs or issues.
- c. The water activity helps implement projects and processes identified as helping meet Colorado’s future water needs, and/or addresses the gap areas between available water supply and future need as identified in SWSI or a roundtable’s basin-wide water needs assessment.

Tier 2: Facilitating Water Activity Implementation

- d. Funding from this Account will reduce the uncertainty that the water activity will be implemented. For this criterion the applicant should discuss how receiving funding from the Account will make a significant difference in the implementation of the water activity (i.e., how will receiving funding enable the water activity to move forward or the inability obtaining funding elsewhere).
- e. The amount of matching funds provided by the applicant via direct contributions, demonstrable in-kind contributions, and/or other sources demonstrates a significant & appropriate commitment to the project.

Tier 3: The Water Activity Addresses Other Issues of Statewide Value and Maximizes Benefits

- f. The water activity helps sustain agriculture & open space, or meets environmental or recreational needs.
- g. The water activity assists in the administration of compact-entitled waters or addresses problems related to compact entitled waters and compact compliance and the degree to which the activity promotes maximum utilization of state waters.
- h. The water activity assists in the recovery of threatened and endangered wildlife species or Colorado State species of concern.
- i. The water activity provides a high level of benefit to Colorado in relationship to the amount of funds requested.
- j. The water activity is complimentary to or assists in the implementation of other CWCB programs.



Water Supply Reserve Account – Application Form
Revised December 2011

Continued: Explanation of how the water activity/project meets all applicable Evaluation Criteria.
Please attach additional pages as necessary.

**TIER 1: PROMOTING COLLABORATION/COOPERATION AND MEETING
WATER MANAGEMENT GOALS AND IDENTIFIED WATER NEEDS:**

1. ENVIRONMENT. The water activity addresses multiple issues, including consumptive and non-consumptive needs, and the needs and issues of multiple interests or basins.
 - a. Helps Meet Identified Gap. The water activity is aimed at developing a better understanding of available deep groundwater resources in Elbert County, which helps protect and enhance environmental and recreational objectives, and helps determine an appropriate combination of strategies to promote recovery and sustainability of endangered, threatened and imperiled species. The project also promotes cooperation and collaboration among traditional consumptive water interests and/or non-consumptive interests, in implementing projects and processes identified as helping meet Colorado's future water needs, and also helps address the gap areas between available water supply and future needs.
 - b. Restores Environmental Gap. Project will evaluate policy development options for more efficient use of water, and potentially frees up water for multi- purpose projects that benefit both water users and native species.
 - c. Meets Identified Need. Better policy development supports the SWSI 2010 finding to pursue projects that benefit consumptive water users and riparian environments, and helps capitalize on the environmental and recreational benefits derived from more efficient water management.
 - d. Active Participation Of Other Organizations. The water activity has committed support from the South Platte BRT (\$40,000) and the Metro BRT (\$40,000), and \$20,000 match from Elbert County, plus letters of support from every municipality in the County, and the North Kiowa-Bijou Groundwater Management District, the Upper Big Sandy Groundwater Management District, and the Kiowa Conservation District. (Exhibit C)
2. MUNICIPAL & INDUSTRIAL. This project will assess options for more efficient use of water and policy decisions regarding shared infrastructure, leading to water savings, and possible reuse, trade, exchanges, and better use of return flows.
 - a. Helps Meet Identified M&I Gap. The project will support local water supply planning and help develop strategies for water providers, land management agencies, private landowners, water providers, land management agencies, private landowners, environmental and watershed groups, state and local governments, local fire authorities, and water users. Supports, encourages and incentivizes water providers in planning for

and implementing M&I conservation best management practices and other demand management strategies.

b. Develops Conserved Water To Meet M&I Gap. Helps profile the existing water resources, and characterize water use and future demand. These steps are vital to the evaluation and selection of conservation measures and programs. c. Meets Identified Need. The project fosters cooperation among water interests, for the purpose of implementing plans to reduce the M&I gap, and provide water users and policy makers with viable analytical tools.

d. Active Participation Of Other Organizations. The water activity has committed support from the South Platte BRT (\$40,000) and the Metro BRT (\$40,000), and \$20,000 match from Elbert County, plus letters of support from every municipality in the County, and the North Kiowa-Bijou Groundwater Management District, the Upper Big Sandy Groundwater Management District, and the Kiowa Conservation District . The Town of Elizabeth, Elbert County's largest municipality has also provided a letter of support (Exhibit C).

3. AGRICULTURE. - Better policy development contributes to more efficient use of water, and potentially frees up water for agriculture, recreation, municipal and industrial users. Addressing water issues of Elbert County will impact needs identified by the Arkansas and South Platte Basins, as well as the entire State of Colorado.

a. Helps Meet Identified Agricultural Gap: Evaluates the agricultural water supply and provides policy options to support the implementation of multi- purpose agricultural water supply projects, as well as contributing towards statewide modeling of agricultural demand.

b. Develops New Or Conserved Water To Meet Agricultural Gap: Helps profile the existing water resources, and characterize water use and future demand. These steps are vital to the evaluation and selection of conservation measures and programs. Helps meet agricultural water supply needs by incorporating agricultural water needs by increased regional cooperation, storage, exchanges, and other creative opportunities supporting the implementation of multi-purpose agricultural water supply projects.

c. Meets Identified Need: Project will assess the deep groundwater aquifers and the sustainability those wells in support of Elbert County agriculture, crop irrigation and livestock production.

d. Active Participation Of Other Organizations. The water activity has committed support from the South Platte BRT (\$40,000) and the Metro BRT (\$40,000), and \$20,000 match from Elbert County, plus letters of support from every municipality in the County, and the North Kiowa-Bijou Groundwater Management District, the Upper Big Sandy Groundwater Management District, and the Kiowa Conservation District (Exhibit C).

4. RECREATION. Project includes assessment of non-consumptive water supplies needs, and will support implementing solutions to water supply challenges. This project will address policy options for more efficient use of water and policy decisions regarding shared infrastructure, leading to water savings benefiting all water users, including recreational uses.



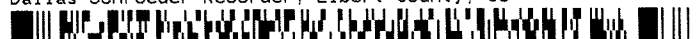
- a. **Helps Meet Recreational Needs:** Assessment of deep groundwater water supply is vital to recreational values that benefit local economies.
- b. **Develops Conserved Water To Meet Recreational Needs.** Helps profile the existing water resources, and characterize water use and future demand. These steps are vital to the evaluation and selection of conservation measures and programs. Helps incorporate recreational needs into the implementation of multi- purpose water supply projects.
- c. **Meets Identified Need:** Assessment of the deep groundwater aquifers and their capacity to meet the future recreational needs of riparian and aquatic environments, and stream recreation.
- d. **Active Participation Of Other Organizations.** The water activity has committed support from the South Platte BRT (\$40,000) and the Metro BRT (\$40,000), and \$20,000 match from Elbert County, plus letters of support from every municipality in the County, and the North Kiowa-Bijou Groundwater Management District, the Upper Big Sandy Groundwater Management District, and the Kiowa Conservation District (Exhibit C).

5. **INTERSTATE COMPACTS.** Project helps identify constraints on our water resources, and will support implementing solutions to water supply challenges. Also supports development of risk management strategies so that Colorado can fully use its compact decree entitlements.

- a. **Helps Meet Identified Need.** The assessment of the deep groundwater supply bears on the water management decisions affecting compact compliance.
- b. **Actively Meets/Protects Identified Compact Issue.** The assessment of future availability of deep groundwater supply is a factor in determining compact entitlements, water conservation strategies, and associated water supply development decisions.
- c. **Project or Method is Identified In Needs Assessment.** The project will support multiple purposes, including compact compliance needs as identified in the SWSI 2010 Report, and reflected in the needs assessments of all Colorado roundtables. The project addresses the administration of compact-entitled waters in both the Arkansas and South Platte Basins, and will assist in their administration.

6. **MULTIPLE BASIN.** The project helps meet the needs of multiple basins, and has letters of support from the Metro Roundtable and the South Platte Roundtable.

- a. **Letters of Support from Metro Basin Roundtable and the South Platte Basin Roundtable** indicate the following:
 - South Platte BRT allocated \$40,000 from its basin account to support this application.
 - Metro BRT allocated \$40,000 from its basin account to support this application.
 - Both BRT's support the allocation of Statewide funding of \$40,000 toward this application.
- b. **Matching Commitment.** In addition to support from the two BRT's, Elbert County committed a \$20,000 match. Combined with funding from the basin accounts, the non-Statewide funding totals \$100,000; 71 percent of the total project cost of \$140,000.



7. MULTI-PURPOSE & COOPERATIVE PROJECTS - The water activity fosters cooperation between basins for the purpose of implementing solutions to water supply challenges.

Addresses water issues of Elbert County with a collaborative approach to needed infrastructure, to lessen impacts to agriculture, recreation, and the environment, and narrow the M&I gap, and afford local water providers with a path forward to multi- purpose, shared infrastructure projects.

a. Active Participation Of 3 Or More Partners. The project involves the participation of the State of Colorado, the Metro Basin Roundtable, the South Platte Basin Roundtable, and Elbert County.

b. Active Participation Of More Than One Interest. Project will the deep groundwater aquifers and their capacity to meet the needs of multiple water uses, including Environment, M&I, Agriculture, Recreation, risk management, and Interstate Compact compliance needs.

c. Project Has A Conservation Component. The water activity is aimed at developing a better understanding of available water resources, which helps protect and enhance environmental and recreational objectives, and helps determine an appropriate combination of strategies to promote recovery and sustainability of endangered, threatened and imperiled species. The project also helps profile the existing water resources, and characterize water use and future demand. These initial first steps are vital to the evaluation and selection of conservation measures and programs.

8. INTRABASIN. The project will address key issues of importance to more than one basin.

a. More than One Watershed in the Basin. The project will address issues within the Metro Basin, the South Platte Basin and the Arkansas Basin. All of the watersheds within Elbert County falling within each of those basins will be part of the project.

b. Addresses Defined Concerns. The project addresses the following defined concerns from the SWSI 2010 Findings:

- Encourages projects addressing multiple purposes
- Utilizes existing funding opportunities to meet consumptive & non- consumptive water supply needs
- Fosters cooperation among water interests within and between basins
- Addresses concerns in addressing the M&I gap
- Supports efforts to meet non-consumptive water needs
- Helps meet agricultural water needs by incorporating agricultural water needs and supporting the implementation of multi-purpose agricultural water supply projects

548040 B: 757 P: 35 APP
01/14/2015 03:14:45 PM Page: 13 of 40 R 0.00 D
Dallas Schroeder Recorder, Elbert County, Co



TIER 2: FACILITATING WATER ACTIVITY IMPLEMENTATION:

1. MATCHING COMMITMENTS.

a. Matching Commitment from Basin Roundtables. Matching funds from the basin roundtables is \$80,000. (*SP BRT: \$40,000 + Metro BRT: \$40,000*) This comprises 66.6% of the \$120,000 total basin + statewide funding for the project. b. Matching Commitment From Other Sources. Elbert County committed \$20,000 in matching funds, and in-kind contributions of time and effort by volunteers in Elbert County have totaled another \$15,000 on this project. Taken in combination, the Elbert County matching funds plus the in-kind match comprise 29.2% of the \$120,000 total basin + statewide funding for the project.

2. GRANT FUNDING CRITICAL TO SUCCESS. Grant funding is critical to success.

a. Funding Critical to Success. Without the grant funding requested, the project cannot accomplish the comprehensive water study necessary to meet the goals and objectives. b. Explored All Available Avenues of Funding. Funding from Statewide Funds, as well as Elbert County funding, allows this project to be as comprehensive as it must be to produce a significant impact on the region's water future. Moreover, the dedicated involvement by private citizens committed to this effort speaks volumes as to the importance of this project to Elbert County's residents and future generations.

TIER 3: THE WATER ACTIVITY ADDRESSES OTHER ISSUES OF STATEWIDE VALUE AND MAXIMIZES BENEFITS:

1. ISSUES OF STATEWIDE VALUE. The water activity will provide an assessment crucial to policy decisions and the capacity of the deep groundwater aquifers to meet the needs of multiple water uses, including agriculture, open space, M&I needs, environmental and recreational uses, risk management requirements, compact compliance needs, as well as the future needs within Elbert County. This water project will provide a high level of benefit to Colorado by guiding policy decisions toward a sustainable water future for the region, and complements CWCB efforts to identify human, environmental and recreational water needs, and to evaluate the water supplies in each basin.

2. THREATENED AND ENDANGERED SPECIES. . The project is aimed at developing a better understanding of available water resources, which helps determine an appropriate combination of strategies to promote recovery and sustainability of endangered, threatened and imperiled species. Elbert County provides significant natural habitat for wildlife and plants, including relatively intact shortgrass prairie, midgrass and sand sage prairie, riparian woodland and shrubland areas on or adjacent to riparian areas for associated animal species. Habitats for the federally-listed Preble's Meadow Jumping

Mouse are protected as a threatened species in some areas of Elbert County due to loss and modification of its habitat

3. COST/BENEFIT IS HIGH. This water project will provide a high level of benefit to Colorado by guiding policy decisions toward a sustainable water future for the region.

- a. Builds on Previous Studies. The project builds on previous studies in nearby counties and will use existing models and methodologies for Elbert County. The project budget was prepared by a professional engineer, and upon funding, the water study project will be run by a professional engineering firm.
- b. Applicant Successfully Completed Similar Projects. Upon funding, the water study will be done by professional engineers with a demonstrated track record of success in completing similar projects in nearby Colorado counties.
- c. Active Participation of Professional Partners. Upon funding, the water study will be done by professional engineers with a demonstrated track record of success in completing similar projects in nearby Colorado counties.
- d. Project Complimentary to other CWCB projects. The project is well-aligned with other CWCB-funded efforts in addressing multiple issues of local, basin and statewide interest.
- e. The need for the public to be invested in the water study is central to the eventual policy development. In order to secure public involvement, monthly public meetings are held to educate the public, and invite public input.

Water Supply Reserve Account – Application Form

Revised December 2011

Part IV. – Required Supporting Material

1. Water Rights, Availability, and Sustainability – This information is needed to assess the viability of the water project or activity. Please provide a description of the water supply source to be utilized, or the water body to be affected by, the water activity. This should include a description of applicable water rights, and water rights issues, and the name/location of water bodies affected by the water activity.

NOT APPLICABLE.

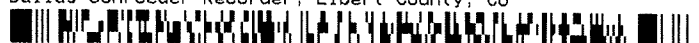
2. Please provide a brief narrative of any related studies or permitting issues.

In a related effort, in 2014, Elbert County began a three-year groundwater monitoring program performed by the USGS, funded by \$96,500 in Statewide WSRA grant funding, plus \$18,000 from the Metro and South Platte BRT accounts, combined with a CWCB severance tax grant of \$49,900, and USGS matching funds of \$82,600, for a total well-monitoring program cost of \$247,000. The well-monitoring project is making good progress and has met all initial program milestones.

3. Statement of Work, Detailed Budget, and Project Schedule

The statement of work will form the basis for the contract between the Applicant and the State of Colorado. In short, the Applicant is agreeing to undertake the work for the compensation outlined in the statement of work and budget, and in return, the State of Colorado is receiving the deliverables/products specified. Please note that costs incurred prior to execution of a contract or purchase order are not subject to reimbursement. All WSRA funds are disbursed on a reimbursement basis after review invoices and appropriate backup material.

Please provide a detailed statement of work using the template in Exhibit A. Additional sections or modifications may be included as necessary. Please define all acronyms and include page numbers.



REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe 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 taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

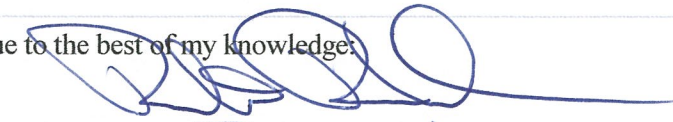


Water Supply Reserve Account – Application Form

Revised December 2011

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

Signature of Applicant:



Print Applicant's Name:

Robert Rowland

BOARD OF COUNTY COMMISSIONERS, ELBERT COUNTY

Project Title:

ELBERT COUNTY RURAL WATER SUPPLY STUDY

Return an electronic version (hardcopy may also be submitted) of this application to:

Greg Johnson – WSRA Application
Colorado Water Conservation Board
1580 Logan Street, Suite 200
Denver, CO 80203
gregory.johnson@state.co.us

548040 B: 757 P: 35 APP
01/14/2015 03:14:45 PM Page: 18 of 40 R 0.00`D
Dallas Schroeder Recorder, Elbert County, Co

