COLORADO WATER CONSERVATION BOARD

WATER SUPPLY RESERVE ACCOUNT
2009-2010 GRANT APPLICATION FORM

HANSON RESERVOIR OUTLET REHABILITATION GUNNISON BASIN

Name of Water Activity/Project **Approving Basin**

$50000	**Amount from Statewide Account**	
Total Amount of Funds Requested	**Amount from Basin Account**	$50000

Application Content

Attachments

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

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 (CWCB). The process for Basin Roundtable consideration/approval is outlined in Attachment 1.

Once approved by the local Basin Roundtable, the applicant should submit this application, a detailed statement of work, detailed project budget, and project schedule to the CWCB staff by the application deadline.

The application deadlines are:

- Basin Account – 60 days prior to the bi-monthly Board meeting
- Statewide Account – 60 days prior to the March and September Board meeting

Board Meeting Dates	Basin Account Deadlines	Statewide Account Deadlines
3/17 - 3/18/2009	1/16/2009	1/16/2009
5/19 - 5/20/2009	3/19/2009	n/a
7/21 - 7/22/2009	5/21/2009	n/a
9/15 - 9/16/2009	7/15/2009	7/15/2009
11/17 - 11/18/2009	9/17/2009	n/a
January 2010	11/15/2010	n/a
March 2010	1/15/2010	1/15/2010
May 2010	3/15/2010	n/a

When completing this application, the applicant should refer to the WSRA Criteria and Guidelines available at: http://cwcb.state.co.us/IWMD.

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:

Mr. Todd Doherty
Colorado Water Conservation Board
Intrastate Water Management and Development Section
WSRA Application
1580 Logan Street, Suite 600
Denver, CO 80203
Todd.Doherty@state.co.us

If you have questions or need additional assistance, please contact Todd Doherty of the IWMD Section at 303-866-3441 x3210 or todd.doherty@state.co.us.

Water Supply Reserve Account – Grant Application Form
Form Revised March 2009

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

1. Applicant: Leroux Creek Water Users Association

Mailing address: 11685 3100 Rd
Hotchkiss CO 81419

Taxpayer ID#: 84-6038426 Email address: mcf@wic.net

Phone Numbers: Business: 970 872 3911
Home: 970 872 3911
Fax: 970 872 2489

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

Name: Thomas Alvey

Position/Title: Vice President

3. Eligible entities that may apply for grants from the WSRA 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) – special, water and sanitation, conservancy, conservation, irrigation, or water activity enterprises.

[X] 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.

4. Provide a brief description of your organization

LCWUA was incorporated in 1948 as a non profit irrigation company. Its principle assets are 29 small reservoirs in the Leroux Creek drainage, the water rights for these reservoirs and direct flow rights from Leroux Creek. The reservoirs were built in the early 1900's by individual farmers and ranchers who pooled their interests in exchange for stock in the Association in 1948. LCWUA participated in the U.S. Bureau of Reclamation Paonia Project (sponsored by the North Fork Water Conservancy District) by acquiring and redistributing water rights traded by farmers who received Paonia Reservoir water in exchange. There are 5812 shares of stock outstanding.

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

6. 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 copy of this standard contract is included in Attachment 3. Please review this contract and check the appropriate box.

[X] 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.

7. 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. N/A

Part B. - Description of the Water Activity

1. Name of the Water Activity/Project: Hanson Reservoir Outlet Rehabilitation

2. What is the purpose of this grant application? (Please check all that apply.)

[ ] 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

[X] Structural and/ or nonstructural water project or activity

3. 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.

The Hanson Outlet Rehabilitation project would involve replacing an existing down stream outlet valve with a new upstream valve on Hanson Reservoir, one of 28 reservoirs owned and operated by Leroux Creek Water Users Association (LCWUA). During the completion of the Leroux Creek Dam Inventory study (funded by the Gunnison Basin Roundtable, to identify and prioritize safety issues and maintenance needs on the reservoirs) problems were noted with the Hanson outlet. (Final Report –May 2010) After consulting with the State Dam safety Engineer for Division 4, Jason Ward, this outlet issue became the number one priority for LCWUA. Inspection of the outlet and original dam plans indicated the existence of an older abandoned valve buried in the embankment some 20 feet upstream of the current outlet valve. This buried valve has developed some leakage around the stem which is producing a wet area on the dam face. The Dam Safety Engineer has indicated the need to repair this problem or face restrictions on dam operations. Hanson Reservoir dates from the early 1900's with a 1903 water right. It holds 300 af of water which is used primarily for irrigation on some 2000+ acres of mixed fruit, small grains, alfalfa and pasture. The Town of Hotchkiss municipal water supply also comes from LCWUA.

In 1998 the LCWUA suffered a dam failure in its largest reservoir. Repairing this break cost $1.5 million which was borrowed from the CWCB. Payments have been made on schedule every year, but the ability of the Association to afford additional expenses is limited. It is extremely important to maintain the existing water supplies in the area. The cheapest water we have is that which already is stored. The GBRT has identified maintaining existing water supplies as a high priority in our needs assessment. In addition, the repair and maintenance of Leroux Creek dams (specifically Hanson) has been made part of the North Fork Water Conservancy District Water Management Plan (Bureau of Reclamation 2001 updated 2009). Both the Forest Service and the Corps of Engineers have been contacted for permits and have no immediate problems. They will coordinate on an inspection visit in May or June. The project may be exempt from 404 permitting due to the small area of disturbance. The WSRA funds would be used on a percentage basis on the actual construction of the project.

Part C. – 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]

This project will result in no injury to existing water or property rights. In fact, it will protect the use of an important pre-1922 water right.

[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.

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 BRTs 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.

See letter from GBRT-pending

c) The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes.[2] Specifically describe how the water activity either furthers the Roundtable's basin-wide water needs assessment or meets a consumptive or non-consumptive water supply need identified in the Roundtable's working needs assessment.

The Gunnison Basin Roundtable recognized the importance of maintaining existing water supplies in its Draft Memo on Gunnison Basin Water Needs Assessment and Related Task Items (Jan 31 2007). In addition, SWSI also identifies keeping existing water resources as a top priority. The water from LCWUA goes to supply agricultural and municipal consumptive needs.

[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.

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. 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 Part D of this application)

This request is for Basin funds, but LCWUA is supplying greater than 50% of the required funding.

2. For Applications that include a request for funds from the Statewide Account, describe how the water activity meets the **Evaluation Criteria.** (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines.)

Part D. – 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 the name/location of water bodies affected by the water activity.

Hanson Reservoir has a 1903 water right from Leroux Creek (ID 3435). The Reservoir is located on West Leroux Creek above Bailey Reservoir on GMUG Forest Service land.

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

The outlet problem was identified as a result of the uncompleted **Leroux Creek Dam Inventory Study** (Western Engineers – due May 2010)

LCWUA reservoirs were discussed in **North Fork Water Conservancy District Water Management Plan (Bureau of Reclamation** 2001, update 2009**)**

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.

Please provide a detailed statement of work using the following template. Additional sections or modifications may be included as necessary. Please define all acronyms. If a grant is awarded an independent statement of work document will be required with correct page numbers.

Statement of Work

WATER ACTIVITY NAME – Hanson Dam Outlet Rehabilitation

GRANT RECIPIENT – Leroux Creek Water Users Association

FUNDING SOURCE – Gunnison Basin Water Supply Reserve Account

INTRODUCTION AND BACKGROUND
Provide a brief description of the project. (Please limit to no more than 200 words; this will be used to inform reviewers and the public about your proposal)

The Hanson Outlet Rehabilitation would involve replacing an existing downstream outlet valve on Hanson Reservoir, one of 28 reservoirs owned and operated by Leroux Creek Water Users Association (LCWUA). The current outlet was inspected as part of a Leroux Creek Dam Inventory study which was funded by the Gunnison Basin Roundtable to evaluate and prioritize needs on all the reservoirs. The final study will be completed in April of 2010, but during the study, problems were noted with the Hanson outlet. After consulting with the Dam Safety Engineer this outlet issue became the highest priority. Inspection of the outlet and original dam plans indicated the existence of an inoperable valve buried in the embankment 20 feet upstream of the current outlet valve. This buried valve has developed leakage around the stem which is producing a wet area on the dam slope. The Dam Safety Engineer has indicated the need to repair this problem due to safety concerns. Hanson Reservoir dates from the early 1900's with a 1904 water right. It holds 300 af of water which is used primarily for irrigation on 2000+ acres of mixed fruit, small grains alfalfa and pasture. The Town of Hotchkiss municipal water supply also comes from LCWUA.

OBJECTIVES
List the objectives of the project

The project will preserve the storage facility by satisfying State regulatory requirements, by improving public safety and by enhancing serviceability. Without implementation of the safety improvements, either the storage capacity will be reduced or the dam will be breached by regulatory mandate.

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

TASK 1 – Field Investigations, Design, Permitting, Bidding

Description of Task
Field Surveys, geotechnical investigations, outlet examinations, design engineering, preparation of design drawings, preparation of design reports, submittal of design documents for State Engineer's

review and approval, preparation of permitting applications and documentation and solicitation of construction bids.

Method/Procedure

Mapping using standard survey methods will be performed of the areas to be disturbed including the dam embankment, borrow areas and haul roads. Test holes will be excavated and laboratory testing of recovered samples will be performed for the embankment, foundation and borrow areas. The outlet inspections will be conducted and reviewed to establish the condition of the existing outlet features. Design drawings will include all necessary details needed for review as well as construction. A design report will be prepared which details the engineering data, assumptions, analyses, conclusions and calculations. The design documents will be submitted to the State Engineer's office. Applications will be made to the US Forest Service and the US Army Corps of Engineers for permits. Construction bids will be solicited from selected contractors.

Deliverable

Design drawings and reports, State Engineers' approvals, permits and construction bids.

TASK 2 – Construction of Outlet Rehabilitation

Description of Task

Excavate the existing outlet pipe, install drains, install new outlet pipe, backfill excavation, reshape disturbed areas and reseed.

Method/Procedure

Excavation to the portion of outlet conduit which will be replaced will be done in a trench. Special measures and efforts will be made to reduce the potential for establishing seepage paths through the embankment due to vertical trench excavation walls. These items will include internal drains, careful preparation of excavation walls and careful conditioning of borrow soils. Trench walls will be stabilized by use of trench boxes during construction. The boxes will be installed as the excavation progresses. High clearance type of boxes will be used to provide un-obstructed working space beneath the lowest spreader. Maximum excavation depth is expected to be 13 to 14 feet.

Borrow material for trench backfill will be obtained from the right side of the spillway channel at a location approximately 50 feet downstream from the spillway crest. This borrow location was selected based on the likelihood of it producing material which will have a suitable moisture content without excess conditioning. It may also slightly increase the capacity of the spillway channel in this area. The final borrow excavation topography will be contoured so that the flow and capacity of the spillway channel is, in no manner, restricted.

Backfill compaction will be by use of a vibratory sheepfoot walk-behind type compactor. Moisture, lift thickness and compactor passes will be adjusted to provide the desired backfill characteristics. The trench boxes will be raised in increments so the bottom of the box is above the top of the backfill to

provide positive contact between the trench wall and the backfill material as it is being compacted.

Deliverable
Completed outlet Rehabilitation

TASK 3 – Upstream Valve Installation

Description of Task
Installation of a new upstream valve to improve safety and serviceability.

Method/Procedure
The upstream end of the pipe (exposed bell) will be cut off and removed and the area around the pipe inlet will be excavated to receive the new intake structure.

Because of the difficulty in providing transit mixed concrete at the site for cast-in-place structures, the intake structure will be precast. It will be cast with the gate seat and air vent connection in-place. If necessary, the intake structure will be cast in modular components to reduce the weight and facilitate transport to the site. Provisions will be installed in the intake structure to allow for bypass of natural stream flow beneath the intake sill and gate intake so that installation of the gate and other intake completion tasks can be performed in the dry. This temporary bypass will be plugged upon completion of the intake structure.

The foundation for the intake structure will be stabilized using gravel.

The intake structure will be attached to the existing pipe using flexible couplings to facilitate attachment of the intake pipe to the existing pipe.

A swinging trashrack will be provided over the intake.

The gate will consist of a medium-pressure slide gate. The operating stem will be encased in heavy-wall galvanized steel pipe for longevity which will be oil filled. The air vent line will also consist of heavy-wall pipe.

The operating stem casing and air vent pipe will run up the upstream slope of the dam and be supported on precast concrete pedestals. The stem casing and air vent pipe will be buried to prevent ice uplift.

The handwheel block will also be precast and be sized to resist the gate stem operating forces.

Deliverable
Completed upstream valve installation.

TASK 4 – Construction Inspection, Quality Assurance Testing and Completion Report

Description of Task

The State Dam Safety Regulations require that the Engineer state that all construction was performed in accordance with the approved design documents and the provisions of the Regulations. Therefore, essentially full time inspection/testing is required.

Method/Procedure

The Engineer will be on-site for nearly all of the construction activities, will provide all field materials sampling and laboratory quality assurance testing. The Engineer will also produce as-constructed drawings along with a Completion Report which details all construction activities, field design modifications and description of the cause, copies of inspection reports and copies of test results.

Deliverable

As-Constructed drawings and Completion Report.

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.

BUDGET

Provide a detailed budget by task including number of hours and rates for labor and unit costs for other direct costs (i.e. mileage, $/unit of material for construction, etc.). A detailed and perfectly balanced budget that shows all costs is required for the State's contracting and purchase order processes. Sample budget tables are provided below. Please note that these budget tables are examples and will need to be adapted to fit each individual application. Tasks should correspond to the tasks described above.

The itemized budget is shown below. The balance of the project cost not provided by WRSA grant funds will be supplied as matching funds/contributions by the project proponent from other sources.

HANSON OUTLET REPAIR COST ESTIMATE				
ITEM	UNIT COST	UNITS	NUMBER OF UNITS	TOTAL COST
TASK 1 - Field Investigations, Designs, Permitting, Bidding				
Engineer	$85.00	HR	160	$13,600.00
TASK 2 - Construction of Outlet Rehabilitation				
Mobilization and Demobilization				
Lowboy with excavator	$135.00	HR	10	$1,350.00
Lowboy with loader	$135.00	HR	10	$1,350.00
Pickup with compactor	$75.00	HR	10	$750.00
Walk-in excavator	$195.00	HR	6	$1,170.00
Walk-in loader with compactor	$125.00	HR	6	$750.00
Pickup with trench boxes	$75.00	HR	10	$750.00
Walk-in trench boxes with loader	$125.00	HR	24	$3,000.00
Trench Box Rental	$4,000.00	LS	1	$4,000.00
Daily Travel	$45.00	HR	54	$2,430.00
ATV	$55.00	DAY	14	$770.00
Clear and Strip Borrow Area/Haul Road	$195.00	HR	2	$390.00
Assemble/Disassemble Trench Boxes	$240.00	HR	10	$2,400.00
Excavate Dam Embankment	$15.00	CY	50	$750.00
Excavate and Condition Borrow Material	$18.00	CY	50	$900.00
Haul Borrow Material	$8.00	CY	50	$400.00
Compact Embankment	$285.00	HR	16	$4,560.00
Standby for Testing	$45.00	HR	8	$360.00
Pipe	$1,000.00	LS	1	$1,000.00
Concrete Encasement	$1,600.00	CY	2	$3,200.00
Furnish Diaphragm Sand	$1,300.00	LS	1	$1,300.00
Pipe Replacement	$240.00	HR	9	$2,160.00
Reclamation, Reseed, Dressing, Cleanup	$1,000.00	LS	1	$1,000.00
Subtotal TASK 2				$34,740.00
TASK 3 Upstream Valve Installation				
Construct Precast Intake Structure	$5,000.00	LS	1	$5,000.00
Construct Precast Stem Supports	$2,000.00	LS	1	$2,000.00
Construct Precast Handwheel Block	$3,000.00	LS	1	$3,000.00
Transport Precast Items	$75.00	HR	6	$450.00
Walk-in Precast Items	$125.00	HR	6	$750.00
Gate, Stem and Fittings	$10,000.0	LS	1	$10,000.00
Gate Installation	$240.00	HR	40	$9,600.00
Subtotal TASK 3				$30,800.00
TASK 4 Construction Inspection, Quality Assurance Testing and Completion Report				
Engineer (Construction Inspection)	$85.00	HR	170	$14,450.00
Mileage	$0.55	MI	2400	$1,320.00
ATV	$55.00	DAY	14	$770.00
Engineer (Completion Report)	$85.00	HR	90	$7,650.00
Subtotal TASK 4				$24,190.00
Subtotal Estimated Cost				$103,330.0
15% Contingency				$15,500.00
TOTAL ESTIMATED COST				

SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

Task	Start Date	Finish Date
1 Field Investigations, Designs, Permitting, Bidding	Upon NTP	NTP + 30 days
2 Construction of Outlet Rehabilitation	NTP + 120 days	NTP + 150 days
3 Upstream Valve Installation	NTP + 120 days	NTP + 150 days
4 Construction Inspection, Quality Assurance Testing and Completion Report	NTP + 120 days	12/31/10

NTP = Notice to Proceed

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.

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

Attachment 1
Reference Information

The following information is available via the internet. The reference information provides additional detail and background information.

Colorado Water Conservation Board (http://cwcb.state.co.us/)

Loan and Grant policies and information are available at – http://cwcb.state.co.us/Finance/

Interbasin Compact Committee and Basin Roundtables (http://ibcc.state.co.us/)

Interbasin Compact Committee By-laws and Charter (under Helpful Links section) –

http://ibcc.state.co.us/Basins/IBCC/

Legislation

House Bill 05-1177 - Also known as the Water for the 21st Century Act –

http://cwcbweblink.state.co.us/DocView.aspx?id=105662&searchhandle=28318

House Bill 06-1400 – Adopted the Interbasin Compact Committee Charter –

http://cwcbweblink.state.co.us/DocView.aspx?id=21291&searchhandle=12911

Senate Bill 06-179 – Created the Water Supply Reserve Account –

http://cwcbweblink.state.co.us/DocView.aspx?id=21379&searchhandle=12911

Statewide Water Supply Initiative

General Information – http://cwcb.state.co.us/IWMD/

Phase 1 Report – http://cwcb.state.co.us/IWMD/SWSITechnicalResources/SWSIPhaseIReport/

Attachment 2
Insurance Requirements

NOTE: The following insurance requirements taken from the standard contract apply to WSRA projects that exceed $100,000 in accordance with the policies of the State Controller's Office. Proof of insurance as stated below is necessary prior to the execution of a contract.

13. INSURANCE

Grantee and its Sub-grantees shall obtain and maintain insurance as specified in this section at all times during the term of this Grant: All policies evidencing the insurance coverage required hereunder shall be issued by insurance companies satisfactory to Grantee and the State.

A. Grantee

i. Public Entities

If Grantee is a "public entity" within the meaning of the Colorado Governmental Immunity Act, CRS §24-10-101, et seq., as amended (the "GIA"), then Grantee shall maintain at all times during the term of this Grant such liability insurance, by commercial policy or self-insurance, as is necessary to meet its liabilities under the GIA. Grantee shall show proof of such insurance satisfactory to the State, if requested by the State. Grantee shall require each Grant with Sub-grantees that are public entities, providing Goods or Services hereunder, to include the insurance requirements necessary to meet Sub-grantee's liabilities under the GIA.

ii. Non-Public Entities

If Grantee is not a "public entity" within the meaning of the GIA, Grantee shall obtain and maintain during the term of this Grant insurance coverage and policies meeting the same requirements set forth in **§13(B)** with respect to sub-Grantees that are not "public entities".

B. Sub-Grantees

Grantee shall require each Grant with Sub-grantees, other than those that are public entities, providing Goods or Services in connection with this Grant, to include insurance requirements substantially similar to the following:

i. Worker's Compensation

Worker's Compensation Insurance as required by State statute, and Employer's Liability Insurance covering all of Grantee and Sub-grantee employees acting within the course and scope of their employment.

ii. General Liability

Commercial General Liability Insurance written on ISO occurrence form CG 00 01 10/93 or equivalent, covering premises operations, fire damage, independent Grantees, products and completed operations, blanket Grantual liability, personal injury, and advertising liability with minimum limits as follows: **(a)**$1,000,000 each occurrence; **(b)** $1,000,000 general aggregate; **(c)** $1,000,000 products and completed operations aggregate; and **(d)** $50,000 any one fire. If any aggregate limit is reduced below $1,000,000 because of claims made or paid, Sub-grantee shall immediately obtain additional insurance to restore the full aggregate limit and furnish to Grantee a certificate or other document satisfactory to Grantee showing compliance with this provision.

iii. Automobile Liability

Automobile Liability Insurance covering any auto (including owned, hired and non-owned autos) with a minimum limit of $1,000,000 each accident combined single limit.

iv. Additional Insured

Grantee and the State shall be named as additional insured on the Commercial General Liability and Automobile Liability Insurance policies (leases and construction Grants require additional insured coverage for completed operations on endorsements CG 2010 11/85, CG 2037, or equivalent).

v. Primacy of Coverage

Coverage required of Grantee and Sub-grantees shall be primary over any insurance or self-insurance program carried by Grantee or the State.

vi. Cancellation

The above insurance policies shall include provisions preventing cancellation or non-renewal without at least 45 days prior notice to the Grantee and the State by certified mail.

vii. Subrogation Waiver

All insurance policies in any way related to this Grant and secured and maintained by Grantee or its Sub-grantees as required herein shall include clauses stating that each carrier shall waive all rights of recovery, under subrogation or otherwise, against Grantee or the State, its agencies, institutions, organizations, officers, agents, employees, and volunteers.

C. Certificates

Grantee and all Sub-grantees shall provide certificates showing insurance coverage required hereunder to the State within seven business days of the Effective Date of this Grant. No later than 15 days prior to the expiration date of any such coverage, Grantee and each Sub-grantee shall deliver to the State or Grantee certificates of insurance evidencing renewals thereof. In addition, upon request by the State at any other time during the term of this Grant or any sub-grant, Grantee and each Sub-grantee shall, within 10 days of such request, supply to the State evidence satisfactory to the State of compliance with the provisions of this **§13**.

Attachment 3
Water Supply Reserve Account Standard Contract

NOTE: The following contract is required for WSRA projects that exceed $100,000. (Projects under this amount will normally be funded through a purchase order process.) Applicants are encouraged to review the standard contract to understand the terms and conditions required by the State in the event a WSRA grant is awarded. Significant changes to the standard contract require approval of the State Controller's Office and often prolong the contracting process.

It should also be noted that grant funds to be used for the purchase of real property (e.g. water rights, land, conservation easements, etc.) will require additional review and approval. In such cases applicants should expect the grant contracting process to take approximately 3 to 6 months from the date of CWCB approval.

Attachment 4
W-9 Form

NOTE: A completed W-9 form is required for all WSRA projects prior execution of a contract or purchase order. Please submit this form with the completed application.