



COLORADO WATER CONSERVATION BOARD



WATER SUPPLY RESERVE ACCOUNT GRANT APPLICATION FORM

Small Acreage Irrigation Audit Program - Grand Valley

Name of Water Activity/Project

Approving Basin Roundtable

\$18,273

Amount from Statewide Account

\$0

Total Amount of Funds Requested

Amount from Basin Account

\$18,273

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Form Revised March 2009

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 calendar days prior to the bi-monthly Board meeting
- Statewide Account – 60 calendar days prior to the September Board meeting

Board Meeting Dates	Basin Account Deadlines	Statewide Account Deadlines
July 20-21, 2010	May 21, 2010	n/a
September 21-22	July 23, 2010	July 23, 2010
November 16-17	September 17, 2010	n/a
January 2011	60 days prior	n/a
March 2011	60 days prior	n/a
May 2011	60 days prior	n/a
July 2011	60 days prior	n/a
September 2011	60 days prior	60 days prior

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

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
Water Supply Planning Section
WSRA Application
1580 Logan Street, Suite 200
Denver, CO 80203
Todd.Doherty@state.co.us

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

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

1.	Applicant Name(s):	Mesa Conservation District		
	Mailing address:	2738 Crossroads Blvd. #102 Grand Junction, CO 81506		
	Taxpayer ID#:	84-0699432	Email address:	mesasoil@hotmail.com
	Phone Numbers: Business:	(970) 242-4511 x100		
	Home:			
	Fax:	(970) 242-8469		

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

Name:	Joyce Foraker
Position/Title	District Manager

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.
- ☐ 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.

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4. Provide a brief description of your organization

The Mesa Conservation District is a grass roots organization, established in 1971 and governed by local landowners elected to a board of supervisors by their local communities. The Conservation District supports Mesa County's natural infrastructure through developing conservation, irrigation, and wildlife resource plans for individuals, groups and Units of Government. The District provides assistance to managers, landowners, and residents with conservation practices and management tools to protect near stream areas. In addition, they work together on reducing the movement of chemicals and nutrients to streams in sedimentation or runoff. These efforts help stabilize stream banks and protect water bodies from impacts. The District implements measures to reduce the spread of invasive weed populations and help implement weed control projects by participating in programs in partnership with the Mesa County Pest Management District and Tamarisk Coalition.

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

The Contracting Entity is the same as the Applicant (Mesa Conservation District)

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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.

☐

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.

This proposal is for less than \$100,000 so will be administered via a purchase order.

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 application.

The Mesa Conservation District has been De-Tabored.

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Part B. – Description of the Water Activity

1. Name of the Water Activity/Project: Small Acreage Irrigation Audit – Grand Valley

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

☒

Structural and/ or nonstructural water project or activity

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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 biggest irrigation challenge for (new Grand Valley) small acreage owners is learning how their soil type and crop variety determines the appropriate irrigation set length and interval. Without this understanding irrigation becomes a guessing game. As a result the small acreage irrigator's field is often water starved or drowned (or both) leading to poor results in terms of yield and impact on natural resources. Sometimes new irrigators will get lucky with a helpful neighbor who knows the basics, but if soil types or slopes vary from field to field this can also lead to confusing results.

The proposed irrigation audit program provides this group of irrigators with one free visit from a trained irrigation auditor in the Grand Valley from when water first arrives at the head-gate until July 4 weekend. Additional visits or outside of the free period will be charged at a rate of \$50 per visit, with additional charges for soil and water testing if requested.

The auditor will visit during an irrigation, test for irrigation uniformity while also interviewing the irrigator on seasonal irrigation practices. Soil and water will be tested and incorporated in a report that will be mailed to the irrigator on receipt of test results. The report will provide a basic analysis of irrigation and recommendations for improving the irrigation system or Irrigation Water Management (IWM). If either the system or IWM is seriously problematic the irrigator will also be called to discuss where improvements can be made. After July 4 weekend, program participants will be called to solicit feedback and evaluation of the program's effectiveness.

The program received over 50 enquiries during its pilot in 2010 but with limited auditor availability struggled to satisfy all these requests with complete audits. With a full-time trained auditor the program will be able to respond to all enquiries in 2011.

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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 in not affect or injure water rights. Project participants are small acreage agricultural irrigators within The Grand Valley. The deliverables of the project will not impact the title, allocation, priority, transferability of water rights in the Colorado River basin; but rather provide participant irrigators with additional knowledge to assist with better managing their allocation.

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.

This proposal will be reviewed for approval by the Colorado Basin Roundtable at their November 22nd meeting.

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.

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- c) The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes.¹ 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.

The proposed activity will assist with identifying typical field application amounts and the range of irrigation efficiencies on small acreages in The Grand Valley. Since small acreages are a form of land use that's expanding rapidly in the Colorado Basin this information could help account for consumptive use information among this group of irrigators. Additionally it could be included in projections on future basin consumptive use as land area occupied by small acreages continues to increase.

¹ 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.

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- 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)

While this is not a statewide fund request, **three Grand Valley entities have shown support with matching funds in cash: \$8,000 (32% match of total project costs)**

Grand River Mosquito Control District: \$7,000

General Manager: Zane McCallister

Phone: (970) 257-0191

Email: grmcd1@acsol.net

Grand Valley Irrigation Company: \$500

General Manager: Phil Bertrand

Phone: (970) 242-2762

Email: gvic@irrigationprovidersgv.org

Grand Valley Water Users Association: \$500

General Manager: Dick Proctor

Phone: (970) 242-9765

Email: gvwua1147@aol.com

Colorado Water Institute, CSU Extension and Mesa Conservation District will provide in-kind training and technical support.

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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.)

The protocol for the Small Acreage Audit Program was developed with the 2010 pilot using 100% Colorado State University funds. Since the proposed program is specifically for the Grand Valley only Colorado Basin funds and no statewide funds are being requested with this proposal.

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.

The project will encourage participation from small acreage irrigators in the Grand Valley focusing only on the management of water downstream of the head-gate. No supply source or body of water will be affected in this study.

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

With the assistance of Mesa Conservation District, Colorado State University Extension developed and piloted a small acreage irrigation assessment program for The Grand Valley in 2010. The program enjoyed a strong response from the public and a positive impact among assessed irrigators. CSU Extension is partnering on this proposal so as to capitalize on the momentum created with the 2010 program.

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 – Small Acreage Irrigation Audit Program – Grand Valley

GRANT RECIPIENT – Mesa Conservation District

FUNDING SOURCE – Colorado Basin Roundtable WSRA

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 natural resource concern that the *Small Acreage Irrigation Audit Program* is proposing to address is that of (irrigation) water and its management among small acreage owners. During the 1990s and 2000s The Grand Valley experienced unprecedented population growth. One of the more obvious impacts of this growth has been the sale and subdivision of larger commercial farms, particularly in the Grand Valley area. These smaller parcels of agricultural land – usually 40 acres or less in size – have often been purchased by individuals not familiar with western states irrigation. Many of these new irrigators have struggled with the subtleties inherent in the art of setting gates or moving a side-roll. Their irrigation efforts can create problems for themselves and their community, often without their knowledge. This program is designed to close that knowledge gap for small acreage irrigators and improve irrigation water management among this growing demographic.

Excess irrigation is also the primary cause of mosquito outbreaks with the Mesa district and each year the local Mosquito Control District is dedicated to preventative and reactive measures to control mosquitoes that spawn in irrigation water. Eliminating water ponding in fields goes a long way towards reducing mosquito breeding grounds and the ensuing outbreaks.

OBJECTIVES

The primary objective of the program is to encourage good irrigation water management (IWM) among small acreage irrigators. The benefits of good IWM among this demographic are: reduction or elimination of water waste; improved quality of life within the Grand Valley due to the reduction in mosquito breeding sites; and to eliminate this group's contribution to local water quality concerns such as weeds, nutrient loading to waterways, and salt and selenium percolation.

The concept of developing a set length and irrigation interval that manages soil moisture to best meet crop needs will be the underlying outreach principle within each assessment visit.

The benefit of improved IWM for the landowner is both a cost savings (less fertilizer and less pesticide required) as well as a productivity boost (better nutrient uptake and less weed competition). These benefits will be the primary incentives to encourage good irrigation water management among assessed irrigators.

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Where applicable small acreage irrigators will also be introduced to USDA cost-share programs that may allow them to improve their irrigation system to be more efficient and require less of their time.

TASKS

Provide a detailed description of each task using the following format

1. Hiring and training small acreage irrigation auditor
2. Advertising small acreage irrigation audits program
3. Performing small acreage irrigation audits
4. Evaluation of impacts

TASK 1 – Hiring and training of small acreage irrigation auditor

Description of Task

Mesa Conservation District has budgeted for a full-time auditor to be trained and supervised by Mesa Conservation District and its partners. This auditor will be carefully chosen for their self-sufficiency, rapport with small acreage managers, and experience with Grand Valley irrigation¹. Additionally the project budget also includes funds for visit travel and reporting. Equipment training and technical support for audit visits will be provided by CSU Extension².

Method/Procedure

Audit materials have been developed for furrow and side-roll systems³. These materials will be the basis of training the auditor and their on-farm assessments. These tools were developed using audit algorithms pioneered by the Irrigation Training and Research Center (Cal Poly Technical University: www.itrc.org) and the Irrigation Association (www.irrigation.org). A certified contract landscape auditor who already works the Grand Valley Area (Ardith Blessinger: blessing@aol.com) will be referred all enquiries that relate to lawn or garden irrigation concerns⁴.

Deliverable

A well organized, well trained small acreage auditor with the skill set to effectively implement the proposed small acreage irrigation audit program with furrow and/or side-roll irrigators.

¹ The 2010 pilot identified a number of potential candidates.

² CSU Extension piloted the program in 2010.

³ Developed as part of the 2010 pilot by CSU Extension

⁴ Conservation District or CSU Extension staff will not be available to assist irrigators of medical marijuana.

TASK 2 – Advertising Small Acreage Irrigation Audit Program

Description of Task

The pilot audit program used advertising in the Grand Junction Daily Sentinel that was very successful in soliciting a response from the public. The budget includes funds to advertise in the Sentinel again starting with irrigation water becoming available in early April 2011 and finishing on July 4th weekend (13 weeks @ \$500 per week). The Mosquito Control District will help provide a mailing list for a promotional mailing of postcards as irrigation water becomes available (500 postcards @ \$99, Postage @ \$0.28 per card). Also an attempt will be made to utilize community and commercial radio to broaden awareness of the program as well. In addition brochures will be printed for placing at the Extension, County Health, and Mosquito Control District offices as well as producer Co-ops (\$159 for 200 brochures).

Method/Procedure

The Grant administrators will use the contracted Sentinel advertising rate established by the pilot program in 2010 to advertise weekly in the Grand Junction Sentinel. Contact will be made with the local radio stations to setup public service announcements and interviews.

Deliverable

A well informed public within the Grand Valley of what is offered by the *Small Acreage Irrigation Audit Program* and the period of its availability.

TASK 3 – Performing small acreage irrigation audits

Description of Task

The hired auditor will be trained in the furrow and side-roll audit procedures developed by CSU Extension and Mesa Conservation District with the 2010 pilot and will be available to provide audit visits from when (trash free) water first arrives at the head-gate in April 2011 until July 4th weekend audits. Audits of approximately one to four hours in length will be offered to agricultural irrigators on small acreages (typically 40 acres or less).

Audits will ideally be available weekdays from 6am until 7pm though not necessarily for all hours in between, since most small acreage irrigators manage water first thing in the morning or in the evening after work. The auditor will also be responsible for collecting and processing soil and water samples as well as providing a timely report with analysis and recommendations to the irrigator. Follow up visits, or first visits after July 4th weekend, will be charged at \$50 per visit.

Method/Procedure

Audit visits will be arranged to occur when at least one field is being irrigated – for furrow systems this would ideally be after water has fully advanced to the waste ditch. Each visit will include a pre-check of soil type to determine water holding capacity of the root zone. In addition to measuring for distribution uniformity and irrigation efficiencies, the auditor will collect soil and water samples to check nutrient and salinity levels are not inhibiting yield potential. Additionally the irrigator will be interviewed on set-length, irrigation interval, and general seasonal scheduling. All of this information will be incorporated into the report that provides an in-depth evaluation of irrigation water management (IWM).

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Follow up visits would be available at \$50 per visit for folks that feel they need help implementing recommendations made in the report. This may include a visit from USDA-NRCS staff to discuss irrigation system improvements and cost-share options available.

Deliverable

A comprehensive assessment of an audited small acreage owner's irrigation system and IWM. Follow through includes a timely report detailing audit findings and recommendations to improve IWM and/or the irrigation system.

TASK 4 – Evaluation of Impacts

Description of Task

After the July 4th weekend all irrigators who were audited will be contacted to solicit feedback on the program. Primary concerns will be: was the program well delivered?; was something of use learned?; has the new knowledge helped with managing your irrigation?; would you recommend this program to your neighbors? This information will be used to inform continuation of the program in 2012.

Method/Procedure

Irrigators who were audited will be contacted by phone by the grant administrators to solicit feedback. Based on the 2010 pilot program at least half of those audited responded with all respondents providing non-negative feedback with most noting they would recommend the program to neighbors. The 2011 program would be aiming to at least replicate these results.

Deliverable

An accurate assessment of the impact of the program including a list of lessons learned and recommendations for improving the program in 2012.

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.

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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.

Budget Table 1: Labor Costs

Personnel:	Months	Fringe		Total Costs
Rate:	\$18/hr			
Tasks 1,3,4	15 weeks	25%		
Total Hours:	450 hours			
Cost:	\$8,100	\$2,025		\$10,125

Budget Table 2: Complete Project Costs

Item:	Labor	Advertising	Soil/Water Samples	Equipment/Supplies	Mileage	Total
Units:	450 hours	13 weeks	10 visits/wk		100 mi/wk	Without
Unit Cost:	\$18/hr	\$500/wk	\$50/visit		\$0.50/mi	\$match
Task 1 – Hire/Train	\$675			\$510 (equip)	\$50	
Task 2 – Advertise		\$6,500 \$398				
Task 3 – Audits	\$8,775		\$6,500	\$435 (reports)	\$650	
Task 4 – Evaluate	\$675				\$50	
Total Units:	15 weeks				1,500 mi	
Total Cost:	\$10,125	\$6,898	\$6,500	\$925	\$750	\$25,238

Budget Table 3: Cash Match and Project Request

Cash Contributions	Agency / Company	Total
	Grand River Mosquito Control District	\$7,000
	Grand Valley Irrigation Company	\$500
	Grand Valley Water Users Association	\$500
Total Project Cost:		\$25,238
Total In-kind:		\$8,000
Sub-Total:	\$25,238 - \$8,000	\$17,238
Indirect:	Mesa Cons. District Indirect (6%)	\$1035
Total Funds Requested:	\$14,240 + \$855	\$18,273

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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.

Note: While funds becoming available is contingent on CWCB board approval in March 2011, the December 2010 to March 2011 component of the program could proceed without funding prior to March 2011. If funding is denied by the CWCB board, a stripped down version of the program would proceed using cash match and in-kind resources.

	Dec 2010	Jan 2011	Feb 2011	Mar 2011	Apr 2011	May 2011	Jun 2011	Jul 2011
1. Hire Auditor								
Form Hiring Committee								
Auditor Search								
Interviews and Hiring								
Training Auditor								
2. Advertise Program								
3. Perform Assessments								
4. Evaluation								
Follow up with assessed irrigators								
Report writing								

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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: Joyce Foraker

Project Title: Small Acreage Irrigation Audit Program – Grand Valley

Return this application to:

Mr. Todd Doherty
Intrastate Water Management and Development Section
COLORADO WATER CONSERVATION BOARD
1580 Logan Street, Suite 200
Denver, CO 80203

To submit applications by Email, send to: todd.doherty@state.co.us

To submit applications by Fax, send to: (303) 894-2578

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 \$25,000 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

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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.