



# **COLORADO WATER CONSERVATION BOARD**

## **DIRECTOR'S REPORT**

**NOVEMBER 2013**

# STATE OF COLORADO

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## Colorado Water Conservation Board

### Department of Natural Resources

1313 Sherman Street, Room 721  
Denver, Colorado 80203  
Phone: (303) 866-3441  
Fax: (303) 866-4474  
www.cwcb.state.co.us



TO: Colorado Water Conservation Board

FROM: James Eklund  
Brent Newman  
CWCB Staff

DATE: November 19-20, 2013

SUBJECT: **Agenda Item 5d**, November 2013 CWCB Board Meeting  
Director's Report

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John W. Hickenlooper  
Governor

Mike King  
DNR Executive Director

James Eklund  
CWCB Director

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## **~INTERSTATE AND FEDERAL~**

**COLORADO RIVER BASIN STUDY NEXT STEPS:** The United States Bureau of Reclamation (BOR) and the Colorado River Basin States (Basin States) have developed scopes of work for the three work groups focusing on three different subject areas—municipal conservation and reuse; agricultural conservation and transfers; and, environmental and recreational flows. Colorado continues to be well represented on the workgroups and the Coordination Team, which is overseeing the entire effort. The Coordination Team met on November 14, 2013, and we are finalizing funding arrangements, and providing input regarding the various Phase 1 efforts. *(Ted Kowalski)*

**WESTERN STATES WATER COUNCIL HOLDS SUMMER MEETING:** The Western States Water Council (“WSWC”) held its annual fall meeting on October 2-4, 2013 in Deadwood, South Dakota. James Eklund represented Colorado at these meetings. More information about the WSWC, and the upcoming meetings, can be found at: <http://www.westernstateswater.org/171st-spring-council-meeting-april-3-5-2013-denver-colorado/> *(Ted Kowalski)*

**GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP (“AMWG”) AND TECHNICAL WORK GROUP (“TWG”) MEETINGS:** The Glen Canyon Dam Technical Work Group (TWG) Fall webinar was scheduled for early October, and it was delayed due to the federal government shutdown. It is currently scheduled for November 6, 2012. In mid-October, the Department of Interior notified the Colorado River Basin States, and the other interested stakeholders who sit on the Glen Canyon Dam Adaptive Management Work Group, that the Paria River produced enough sediment to merit a High Flow Experimental Release from Glen Canyon Dam. The other resource conditions (Humpback Chub, Trout, etc.) merit such an HFE without significant adverse effects anticipated. The HFE is schedule to commence on November 11, 2013, and continue until November 15, 2013. *(Ted Kowalski)*

**COLORADO RIVER BASIN SALINITY CONTROL FORUM:** Director Eklund was appointed to the Forum by Gov. Hickenlooper in July and attended his first meeting with the other six Basin States in Los Angeles on Oct. 22-24, along with fellow Colorado Forum members David Robbins and Steve Gunderson from the CDPHE-WQCD. The Forum is in the process of analyzing the scope and effectiveness of the program, and the attendant water quality standards for Colorado River salinity, through a triennial review as required by the Clean Water Act. This involves making projections of the amount of salinity control projects needed over the next 30 years to minimize the risk of exceeding the numeric criteria for salinity in the Lower Basin, and determining the funding levels necessary to support that program.

In this triennial review the Forum will need to consider the likelihood of continued federal funding at current levels as well as the ability of the Upper and Lower Basin Funds to provide the mandatory 30% non-federal cost-sharing. The Basin Funds receive income from a surcharge on power revenues, but for several years now the level of cost-sharing has exceeded the annual income, posing the risk that the balance in the Lower Basin Fund which provides 85% of the cost-share could go negative. This is the first instance where the States have had to deal with this potential constraint on the program and to develop solutions the Forum has created a new subcommittee to consider the future size of the program and potential revenue enhancements to the Lower Basin Fund and/or shifting a portion of the Lower Basin burden onto the Upper Basin



Fund. Director Eklund appointed David Robbins to serve on that subcommittee for Colorado. It is anticipated that by October 2014 the Forum will have received and acted on recommendations from the subcommittee that will assure the long term success of the program. (*Steve Miller*)

### ~STATEWIDE~

**GROUND WATER COMMISSION MEETING:** The Ground Water Commission (GWC) has not met since the last CWCB meeting. The Ground Water Commission will hold its next regular meeting on November 15, 2013 in Castle Rock, CO. For more information visit: <http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (*Suzanne Sellers*)

**COLORADO 2013 FLOOD UPDATE:** Since the severe storms and flooding struck Colorado, the Federal Emergency Management Agency, the State of Colorado and the U.S. Small Business Administration have approved \$103 million to help survivors recover from the disaster.

FEMA's grants to homeowners and renters, which may include repairs to owner-occupied homes and temporary rental assistance, totaled \$49.9 million. SBA has approved \$53.1 million in disaster loans to homeowners, renters, businesses and eligible private nonprofits.

FEMA provides the following snapshot of the disaster-recovery effort as of Oct. 31:

<b>Total Registrations From All Counties:</b>	<b>26,634</b>
<b>Total Individual Assistance Approved:</b>	<b>\$49,875,032</b>
<b>Housing Assistance:</b>	<b>\$46,093,851</b>
<b>Other Needs Assistance:</b>	<b>\$3,781,181</b>
<b>SBA Low-interest Disaster Loans:</b>	<b>\$53,186,200</b>
<b>Completed Home Inspections:</b>	<b>23,412</b>
<b>Disaster Recovery Centers (DRC) Open:</b>	<b>9</b>
<b>State/FEMA DRC Visits:</b>	<b>16,435</b>
<b>TSA Applicants Checked in to Hotels:</b>	<b>369</b>
<b>Total FEMA Staff:</b>	<b>1,068</b>
<b>Public Assistance Obligated (Federal Share):</b>	<b>\$7,925,340</b>
<b>Eligible Requests for Public Assistance:</b>	<b>190</b>
<b>Kickoff Meetings Held:</b>	<b>158</b>

**Individual Assistance** can include grants for home repairs not covered by insurance as well as rental costs for a temporary home. Grants also may help with serious disaster-related needs not covered by insurance – such as medical, dental and funeral expenses, moving and storage fees, and personal property replacement.

**11** counties are designated for **Individual Assistance** under the major disaster declaration:

Adams	El Paso	Logan
Arapahoe	Fremont	Morgan
Boulder	Jefferson	Weld
Clear Creek	Larimer	

**9 Disaster Recovery Centers (DRCs)** are open in the affected areas. More than **16,179 survivors have been assisted at DRCs in Colorado**. At the time of publication, the DRC locations are the following:

- **Boulder County**-Twin Peaks Mall, 1250 S. Hover Road, Longmont, CO 80501
- **Boulder County**-Premier Credit Union Bldg., 5495 Arapahoe Ave., Boulder, CO 80301
- **Boulder County**-Lyons Elementary School Gym, 338 High Street, Lyons, CO 80540
- **El Paso County**-Black Forest First Dept. #1, 11445 Teachout Road, Colorado Springs, CO 80908
- **Fremont County**-Garden Park High School, 201 North 6<sup>th</sup> St., Canon City, CO 81212
- **Larimer County**-Rocky Mountain Center for Integration and Technology, 815 14<sup>th</sup> St. SW, Loveland, CO 80537
- **Larimer County**-Rocky Mountain Park Inn Conference Center, 101 S. St. Vrain Ave., Estes Park, CO 80517
- **Morgan County**-Fort Morgan Police Station, 901 E. Beaver Ave., Fort Morgan, CO 80701
- **Weld County**-Village Centre at the Landings, 3613 23<sup>rd</sup> Ave., Evans, CO 80620

*DRC locations and hours fluctuate with the needs of disaster survivors.*

*Check [www.fema.gov/drc](http://www.fema.gov/drc) for the most up-to-date information.*

**20 inspectors** in the field have completed **23,412 home inspections**.

**150 Disaster Survivor Assistance (DSA)** crew members are strategically positioned throughout the affected communities, going door-to-door explaining the types of disaster assistance available and how to register. DSA crews have made **contact with 34,790 survivors and 4,164 businesses**. All DSA crews display prominent photo ID badges.

FEMA activated its **Transitional Sheltering Assistance (TSA) program**, to ensure evacuees have safe, sanitary and secure locations until long-term housing needs can be met. TSA allows eligible evacuees whose homes are inaccessible or unlivable to stay in a hotel or motel for a limited time and have the cost of the room paid directly to the hotel by FEMA.

- FEMA representatives began notifying eligible FEMA applicants Sept. 22
- The initial period of assistance from Sept. 22 to Oct. 5 was extended a second time to Nov. 2 – with checkout Nov. 3. TSA has been **extended a third time to Nov. 16 – with checkout Nov. 17**.
- TSA covers room rates and taxes, but does not cover meals or incidentals.
- The program does not cover previously incurred hotel expenses.
- **369 TSA applicants were in hotels on Oct. 31.**

**The U.S. Small Business Administration (SBA)** has approved more than **\$53.1 million** in disaster loans to homeowners, renters and businesses. Three SBA Disaster Loan Outreach Centers are open.

- **Arapahoe County**-Aurora Central Library, 14949 East Alameda Parkway, Aurora, CO 80012; Hours: Mondays through Fridays 9 a.m. to 6 p.m.; Saturdays 9 a.m. to 1 p.m.
- **Colorado Springs**-Colorado Springs Fire Dept. Training Center conference room, 375 Printers Parkway, Colorado, CO 80910; Hours Mondays through Fridays, 8 a.m. to 5 p.m.
- **Golden**-Jefferson County Courthouse, 100 Jefferson County Parkway, Room 5543, Golden, CO 80419; Hours: Mondays through Fridays, 9 a.m. to 5:30 p.m.

SBA and the Colorado Small Business Development Center (SBDC) network also have **two** Business Recovery Centers open.

- **Boulder County**-Twin Peaks Mall, 1250 S. Hover Road, Longmont, CO 80501
- **Larimer County**-The Stanley Hotel, 333 E. Wonderview Ave., Estes Park, CO 80517

*BRC and DLOC locations and hours fluctuate with the needs of disaster survivors. Call [\(800\) 659-2955](tel:8006592955) for the most up-to date information.*

**FEMA Public Assistance (PA)** helps communities recover after a disaster. Eligible PA applicants may include state agencies, federally recognized tribes, local governments and certain private nonprofit organizations. Public Assistance funding reimburses PA applicants for eligible and documented expenses on a cost-shared basis. The federal share is 75 percent. These funds are paid directly to the state, which administers the program and makes payments to its subgrantees (PA applicants) for approved projects.

**18** counties are designated for **Public Assistance** under the major disaster declaration:

Adams	El Paso	Lincoln
Arapahoe	Fremont	Logan
Boulder	Gilpin	Morgan
Clear Creek	Jefferson	Sedgwick
Crowley	Lake	Washington
Denver	Larimer	Weld

To accommodate for the federal government shutdown, for those counties designated for Public Assistance before Oct.21, the deadline to submit Requests for Public Assistance (RPAs) has been extended to Nov. 16. The RPA deadline for the most recently designated PA counties, (Arapahoe, Crowley, Denver, Fremont, Gilpin, Lake, Lincoln and Sedgwick) will be Nov. 20.

**There are currently 190 eligible requests for PA.** Government entities and private nonprofit organizations (PNPs) that suffered damage and loss as a result of the disaster are encouraged to apply. The RPA application is available online at the state website [corecovers.info](http://corecovers.info)

After completing the electronic form, it can be emailed to [RPA\\_Colorado@state.co.us](mailto:RPA_Colorado@state.co.us).

The **kickoff meeting** is the working session at which local applicants, state and FEMA public assistance coordinators (PAC) and project specialists review documentation, schedule site visits, define scope of work and begin preparation of subgrant applications – the project worksheets – for federal reimbursement of eligible disaster-related expenses. **There have been 158 kickoff meetings held for this disaster.**

**The National Flood Insurance Program (NFIP)** is a federal program that makes flood insurance available to homeowners, business owners and renters in participating communities that agree to implement and enforce minimum floodplain management requirements.

- The deadline to submit a FEMA a proof of loss form is **within 60 days after the damage occurred.**
- Currently there are approximately **16,400 flood insurance policies in the 15 Colorado counties designated for federal assistance out of more than 22,000 policies statewide.**
- Policies are sold through local insurance agents directly from FEMA and through the NFIP Write-Your-Own program (WYO program). The insurer will provide adjusters to handle claims and process payments.
- The NFIP has closed **1,167 claims of the 2,049 submitted.** The current **NFIP payout is \$21.37 million** and foresees no issues with its ability to pay claims due to available funding in the program, as of **Oct. 29, 2013.**
- In the **15 counties** designated for federal assistance, there are **31 NFIP-participating communities** that earned premium discounts through the Community Ratings Systems (CRS). CRS provides incentives in the form of premium discounts for communities that go beyond the minimum floodplain management requirements to develop extra measures to provide protection from flooding. Discounts for those 31 communities range from 5 percent to 35 percent.
- Additional information on flood insurance is available at [floodsmart.gov](http://floodsmart.gov).

There are several ways to apply for state and federal disaster assistance. To apply online, go to [DisasterAssistance.gov](http://DisasterAssistance.gov). Or type in [m.fema.gov](http://m.fema.gov) on your smartphone or tablet. To apply by voice or video relay service, call FEMA at [800-621-3362](tel:800-621-3362) (TTY [800-462-7585](tel:800-462-7585)). Lines remain open from 5 a.m. to 8 p.m. (MDT) seven days a week. Besides English, callers from Colorado have received help in Arabic, Korean, Mandarin, Spanish and Vietnamese.

For more information on the Colorado disaster operation, visit [fema.gov/disaster/4145](http://fema.gov/disaster/4145).

*(Kevin Houck, with assistance from FEMA and COEM)*

**DROUGHT UPDATE:** There have been vast improvements in the drought conditions throughout much of Colorado in the last two months and now nearly 25% of the state is no longer in any drought classification. However, 75% remains classified to some extent, the majority of that (49%) is D0, or abnormally dry. This covers much of the western slope, SW and Rio Grande Valley. The NE corner of the state has improved but is still experiencing D1 in Moffat, Rio Blanco and a small portion of western Garfield Counties. The SE is still quite dry, with all of the D3 (extreme) and D4 (exceptional) lingering in the area and centered primarily on the counties of Crowley, Kiowa, Otero and Bent. This region has been very dry for three years now and reports of blowing dust have once again been coming in. The surrounding counties of the SE are dealing with D2 (severe) and D1 (moderate) drought conditions. *(Taryn Finnessey)*

## **FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE:**

**FY13 Activities:** Lidar acquisition for Rio Blanco County is underway. FEMA funding to complete El Paso County as a partial Countywide DFIRM was approved. Purgatoire Watershed and Pueblo County also received additional FEMA funding to complete the mapping projects.

**FY12 Activities:** Hydrologic modeling and field survey tasks have been submitted and approved for Purgatoire watersheds. The field survey task was approved for the Cache La Poudre watershed. The hydrologic task is still under review.

**FY11 Activities:** Hydrology tasks are underway for St. Vrain and Clear Creek watersheds. Some issues were found with the Lidar data in the St. Vrain watershed. Baker is assisting our mapping contractor to resolve the discrepancies.

**FY10 Activities:** Work is underway for Chaffee, Logan and Pitkin Counties. Preliminary mapping for Pitkin County is complete. CWCB and FEMA have discussed the revised mapping for the Redstone levee area and the County is still making a decision about moving forward with the mapping. The revised mapping includes changes to the floodway and this impacts several structures. The floodplain mapping tasks have been completed and are in review for Logan County. A conference call will be scheduled with the communities to show them a few Risk Map products sometime this quarter. Hydraulic tasks were approved and floodplain mapping tasks are underway for Chaffee County.

**FY09 Activities:** The South Platte approximate floodplain delineation has been completed and approved by FEMA for Morgan County. The Morgan County DFIRM schedule has been delayed due to the levee in the Town of Wiggins. CWCB and FEMA met with the Town of Wiggins to discuss possible alternatives. The Town is making some progress towards levee certification but no final decisions have been made yet.

The Prowers County DFIRM floodplain mapping tasks have been completed. Preliminary floodplain mapping is complete but not yet approved. A new scope of work has been approved to complete this project as a Seclusion DFIRM. This will exclude updating levees that will not be certified. The FEMA grant for this project has been extended to 2015. Preliminary Map production is now underway for Prowers County.

**FY08 Activities:** Montrose County DFIRMs became effective on January 6, 2012. The Elbert County and Rio Grande County DFIRMs are now effective. Gunnison County DFIRMs became effective on May 16, 2013.

The Pueblo County DFIRM scope of work has been altered to a Seclusion DFIRM. The FEMA grant has been extended to September 2013 to complete the project to the preliminary phase. The Fountain Creek hydrology has been approved and most of the hydraulic analyses and floodplain mapping has been completed in the County. The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing.

**FY07 Activities:** Summit County DFIRMs became effective November 2011. La Plata County received their effective maps in August 2010. Park County has gone effective in December 2009. Delta County maps became effective in July 2010. Teller County and



Archuleta County have gone effective since September 2009. El Paso County DFIRM scope of work has been altered to complete this project as a Partial Countywide DFIRM. The Templeton Gap levee will not be included in the update. The FEMA grant was extended to September 2013 to complete this project to the preliminary phase.

**FY 06 Activities:** Weld County Preliminary DFIRMs were sent to the communities for review at the end of May 2013. A final meeting was held at the end of July 2013. The Appeal period was delayed due to the flood event in September 2013 to allow communities time to recover. Fremont County DFIRMs became effective on January 6, 2012. Clear Creek County has gone effective July 17, 2012.

**FY 05 Activities:** Mesa County DFIRM became effective in June 2010. The Garfield County DFIRMs are now in the post preliminary phase. The Montezuma County DFIRM went effective September 28<sup>th</sup> 2008.

**FY 04/03 Activities:** Boulder County maps became effective on December 18, 2012.  
(Thuy Patton)

### ~COLORADO RIVER BASIN~

**UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP:** The Upper Colorado River Wild and Scenic Stakeholder Group held its regular meeting on September 17, 2013 in Summit County and its next regular meeting is scheduled for January 15, 2014 at the same location. The Stakeholder meeting included working group progress reports, a discussion on the Revenue and Expense Budget and a discussion on operating guidelines for the Stakeholder Group Coordinator. A portion of the meeting was set aside as a Channel Maintenance Education Session. It is anticipated that the UCRW&S Group will be submitting a proposal in November seeking additional monies from the Wild and Scenic Alternatives Fund to support their ongoing work.

The Bureau of Land Management (BLM) Kremmling Field Office Final Resource Management Plan (RMP)/Environmental Impact Statement (EIS) is now anticipated to be released in March 2014 with the Record of Decision (ROD) expected out in September 2014. The Colorado River Valley Field Office Final RMP/EIS is anticipated to be released in late January with the ROD out in September 2014. The final Wild and Scenic Rivers Suitability Report (which will cover both field offices) is scheduled to be released in January 2014. For more information, see the following link: <http://www.upcowildandscenic.com>. (Suzanne Sellers)

### ~ARKANSAS RIVER BASIN~

**ARKANSAS RIVER COMPACT ADMINISTRATION:** The Arkansas River Compact Administration (ARCA) 2013 Annual Meeting will be held on Wednesday, December 18<sup>th</sup>, 2013. The meeting will be held in the Lamar Community Building, at 610 South Sixth Street in Lamar, commencing at 8:30 A.M. The Engineering, Operations, and Administrative/Legal Committees will meet on Tuesday, December 17<sup>th</sup>, in the same location, commencing at 1:00 P.M. The public is invited to attend the Committee meetings, but time for comments may be limited. For more information, contact Steve Miller or Brent Newman. (Brent Newman)

## ~PLATTE RIVER BASIN~

**PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM:** The Platte River Recovery Implementation Program (PRRIP) Governance Committee (GC) met on September 10-11, 2013 in Kearney, NE. Agenda items included presentations on water leasing options offered by the Nebraska Public Power District (NPPD) and offered by the Central Platte Natural Resource District (CPNRD). The GC also discussed the status of negotiations between Central Nebraska Public Power and Irrigation District (CNPPID) and the PRRIP Executive Director's Office (EDO) regarding an offer to purchase CNPPID's Net Controllable Conserved Water (NCCW). The NCCW is being offered to the PRRIP for a fixed price of \$57.9 Million to be paid upfront for delivery of any available NCCW for the next 25 years. The GC instructed the EDO to continue negotiations for the purchase of NCCW only through the end of the 2019, with the price being based on actual NCCW quantities delivered. Also during the meeting, the GC voted to approve the Whooping Crane Monitoring Protocol, several land management plans and various land acquisition/land disposal related transactions. The GC also held a conference call on October 18, 2013 to discuss payment issues related to the federal government shutdown. The GC voted to temporarily pay invoices using only state funds until the Federal Government's payment system came back on line.

CWCB staff participated in Water Advisory Committee, Technical Advisory Committee, Land Advisory Committee, Independent Science Advisory Committee, and Finance Committee conference calls and meetings. The next Governance Committee meeting will be held on December 3-4, 2013 at the Warwick Hotel in Denver, CO. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

**CITY OF BOULDER REPORT ON BOULDER CREEK ISF PROGRAM FOR WATER YEAR 2012:** In July 2013, the City of Boulder provided its 2012 water year annual report to the CWCB, describing its operations under the July 20, 1990 Agreement between the City and CWCB by which the City donated various water rights to the CWCB for instream flow use on Boulder Creek. Water available to the CWCB for instream flow use under the Agreement supplemented the CWCB's instream flow water rights in various reaches of Boulder Creek from November 2011 through April 2012, and from June 2012 through October 2012. The CWCB used approximately 1,973 acre-feet of donated water from the City for instream flow use. The City leased 123.0 acre-feet of water generated by its operations under the Agreement to users downstream of the CWCB's instream flow reach in Water Year 2012. (*Linda Bassi*)

## ~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

**LOWER DOLORES PLAN WORKING GROUP UPDATE:** The A Way Forward ("AWF") Implementation Team met on October 30, 2013 primarily to discuss the Spill Management chapter of the revised Implementation Plan. The Lower Dolores Plan Working Group Legislative Subcommittee met on November 4, 2013 to discuss the Implementation Team's Spill Management chapter; to make plans for establishing the boundaries of the National Conservation Area that would be established by the proposed legislation the Subcommittee is drafting; to continue working to address a list of issues related to the proposed legislation, including those related to water and fish flows; and to outline a process for getting this effort finalized using a

milestone of summer 2014. Additional information on the Lower Dolores Plan Working Group can be found at <http://ocs.fortlewis.edu/drd/meetings.asp>. (*Linda Bassi*)

#### **USFS AND BLM'S JOINT LAND AND RESOURCE MANAGEMENT PLAN**

**(LRMP)/ENVIRONMENT IMPACT STATEMENT (EIS):** The San Juan National Forest (USFS)' and the Bureau of Land Management (BLM)'s Tres Rios Field Office Land (TRFO) released a joint Land and Resource Management Plan (LRMP)/Environment Impact Statement (EIS) ("joint plan") on September 20, 2013. The Department of Natural Resources Executive Director's Office (EDO) submitted a protest to the BLM's portion of the joint plan on October 21, 2013. The EDO is intending to file an appeal of the USFS' portion of the plan prior to the filing deadline on December 18, 2013.

The joint plan's recommended alternative (Alternative B) includes finding roughly 350 miles of Colorado's rivers suitable for inclusion in the National Wild and Scenic Rivers System (NWSRS) to protect Outstanding Remarkable Values (ORVs). These river segments are shown on the attached Map (Figure 3.9) and summarized in the attached table (Table 1). The table also includes the status of the various stakeholder groups' progress for those reaches. Current concerns with the joint plan include:

1. The joint plan identifies standards for minimum stream flow and minimum reservoir levels; however, it would be preferable if the USFS changed the flow requirements from mandatory "standards" to "guidelines" and worked with the CWCB to address any of USFS' minimum stream flow needs.
2. The joint plan's recommendations do not take into account the extensive collaborative stakeholder efforts and should include a "re-opener" provision to initiate a plan amendment to accommodate recommendations from the stakeholder groups.
3. The joint plan recommends for the first time that the East Fork of the San Juan River be suitable for inclusion in the NWSRS. Because this recommendation was not included in the Draft EIS, or its supplement, the CWCB and interested stakeholders did not have the opportunity to review the basis for this recommendation and provide public comment before issuance of the joint plan. The East Fork of the San Juan River was not even deemed "eligible" for Wild and Scenic designation in the Draft EIS and supplement. It is requested that the USFS reconsider its recommendation that this segment be considered suitable.

(*Suzanne Sellers*)

**DOLORES RIVER MANAGEMENT COORDINATION WORKSHOP:** The CWCB, the Colorado River Water Conservation District (CRWCD) and the Southwestern Water Conservation District (SWCD) have been planning a one-day workshop. Due to the federal government shutdown, the previously scheduled workshop was cancelled and will be rescheduled for a later date. The workshop will bring together various stakeholders to discuss Dolores River management issues. The discussion will include: existing and proposed Wild and Scenic suitability for reaches of the Dolores River from McPhee Reservoir Dam to the Colorado state line; existing and proposed instream flow water rights on certain reaches of the Dolores River, and other alternative protections for portions of the Dolores River. (*Suzanne Sellers*)

**RIVER PROTECTION WORKGROUP:** The River Protection Workgroup (RPW) Steering Committee held regular meetings on September 10 and October 22, 2013. The RPW Steering Committee's next meeting is scheduled for November 8, 2013 in Durango, CO. The Steering Committee spent some time discussing the San Juan National Forest (USFS)'s and the Bureau of Land Management (BLM)'s Tres Rios Field Office Land (TRFO) joint LRMP/EIS. The Steering Committee is also working on initiation of Phase II including reviewing Interest-based negotiation strategies for the Regional Discussion and developing guidelines for evaluating proposals that are offered to the group for consideration. To kick off negotiations, each committee member indicated their specific interest in the negotiation. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection>. (*Suzanne Sellers*)

### **~AGENCY UPDATES~**

**NRCS SNOW SURVEY PROGRAM UPDATE:** On October 28<sup>th</sup>, several officials met with the Natural Resources Conservation Service (NRCS) State Conservationist in Lakewood to discuss the potential discontinuation of snow courses not used by NRCS for forecasting. This will affect all watersheds in Colorado as these sites have a long period of record documenting the state's mountain climate. A letter was sent by Directors Eklund and Wolfe to the NRCS urging collection of data to continue. The Rio Grande BRT Chair Mike Gibson sent a request to all basin roundtables to consider a WSRA statewide application so the NRCS will have funding associated with the measuring of manual snow courses, and appropriate maintenance of the SNOTEL network for winter to spring 2013-14. This will provide a stopgap in order to promote the utilization of a cooperator based network to continue populating the historic long term record. Equipment and training will be offered by NRCS Data Collection Office staff to direct interested users on the appropriate collection for a consistent approach. A process is being staged by NRCS staff to provide the best service to all watersheds, and will be set in place for FY14 at or around November 15th. Those interested in the continuation of certain snow course measurements should contact William Shoup of the NRCS at [\(720\) 544 2850](tel:7205442850) or at [william.shoup@co.usda.gov](mailto:william.shoup@co.usda.gov). (*Joe Busto*)

**COMMUNITY ASSISTANCE PROGRAM UPDATES:** CWCB staff attended the Public Assistance briefings in many communities affected by the flooding disaster in September 2013 and provided information about the National Flood Insurance Program. Staff told participants about floodplain permitting and floodplain regulations and how the program is a vital part of flood recovery. All flood-affected communities will need a follow-up Community Assistance Visit (CAV) to assist with recovery and ensure compliance with floodplain regulations. Public Assistance briefings were attended in Adams, Arapahoe, Clear Creek, Denver, El Paso, Gilpin, Jefferson, Lake, Larimer, Lincoln, Logan, Sedgwick and Weld Counties.

CWCB staff has been working with FEMA Region VIII to develop a FAQ about the flood recovery process. The document is based on questions received from affected communities and includes information about both short-term and long-term flood recovery. The FAQ has been distributed at Public Assistance briefings and emailed to all Floodplain Administrators in the affected communities. The FAQ is also available on the CWCB website at the following location: <http://cwcb.state.co.us/water-management/flood/Documents/FloodRecoveryFAQs.pdf> (*Jamie Prochno*)

## **SPECIAL RELEASE OF THE COLORADO WATERSHED RESTORATION**

**PROGRAM:** CWCB staff has announced the special release of funds from the Colorado Watershed Restoration Program. The CWCB is now accepting applications from counties affected by the September 2013 floods. **Applications will be accepted for watershed and stream master planning in flood affected watersheds.** Master plans should guide communities towards prioritization and implementation of stream rehabilitation and restoration projects that protect life and property from flood hazards.

The affected counties eligible for funding include: Adams, Arapahoe, Boulder, Clear Creek, Crowley, Denver, El Paso, Fremont, Gilpin, Jefferson, Larimer, Lake, Lincoln, Morgan, Logan, Sedgwick, Washington, and Weld County. CWCB *recommends* that the applicant provide 50% match of the project's total cost; an in-kind match is permitted under this program. Applications are due by 5:00 p.m. on November 15, 2013 and every two weeks thereafter until available funds are depleted.

Additional information and the grant application can be found at CWCB's website at the link below: <http://cwcb.state.co.us/LoansGrants/colorado-watershed-restoration-grants/Pages/main.aspx> (*Chris Sturm*)

**INVASIVE PHREATOPHYTE CONTROL PROGRAM:** CWCB staff has announced the release of applications for the Invasive Phreatophyte Control Program (IPCP). The IPCP is intended to provide cost share assistance to eligible entities to control and/or eradicate tamarisk, Russian olive, or other woody riparian invasive phreatophytes that have degraded the state's riparian areas and restricted channel capacity resulting in increased non-beneficial consumptive use of water.

Local governments, conservation and water conservancy districts, weed management districts, established non-profit organizations, and Colorado's two Ute Tribes are eligible to receive funding. Projects must be between \$10,000-\$100,000 and applicants are required to contribute 100% matching funds for a 50-50 grant-to-match ratio; an in-kind match is allowable but shall not exceed 50% of the applicant's match. The IPCP application deadline is January 14, 2014. The CWCB has approximately \$400,000 available for this grant cycle.

Additional Information and the grant application can be found at CWCB's website at the link below: <http://cwcb.state.co.us/LoansGrants/Pages/LoansGrantsHome.aspx> The IPCP Guidance document and application can be found near the bottom of the webpage linked above. (*Chris Sturm*)

## **COLORADO MESA UNIVERSITY (CMU) WATER CENTER UPPER COLORADO**

**RIVER BASIN WATER CONFERENCE:** The CMU Upper Colorado River Conference was held on November 6-7, 2013, in Grand Junction, Colorado. The theme this year was: "Sharing Experiences Across Borders." Ted Kowalski moderated a panel on the Basin Study Next Steps. Taryn Finnessey spoke on Colorado's Drought Plan. James Eklund provided the keynote speech on Colorado's Water Plan, and John McClow spoke on water banking and other river management tools. (*Ted Kowalski*)

**INTERSTATE COUNCIL ON WATER POLICY (ICWP) ANNUAL MEETING:** The ICWP held its annual meeting in Denver, Colorado on October 15-17, 2013. The meeting started with a tour, where members met with representatives from Colorado State University, the



Northern Colorado Water Conservancy District, the Colorado Water Congress, the State Engineer's Office, and the Colorado Water Conservation Board. The two day conference that followed included presentations on water planning tools, instream flow water right policy issues, and many other current topics related to water planning and infrastructure. (*Ted Kowalski*)

**LOAN REPAYMENT DELINQUENCY:** Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2013 through October 2013. The effective due date of the payment is inclusive of the Board's current 30 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for the first four months of Fiscal Year 2014 totaled 106. There was one loan payment not received on time during this period. The loan payment from Fuchs Ranches, Inc. is over 30 days late and has not been received to date. Thus, the on-time performance for the total repayments due was 99% in compliance or 1% not in compliance.

As an additional note, the loan payments relative to Rodney Preisser (now deceased) have not been received since Fiscal Year 2007. Staff is currently working with Jason Preisser to resolve the obligation. (*Steve Biondo*)

**LOAN FINANCIAL ACTIVITY:** Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2014 is summarized as follows: Funds received relative to loans in repayment totaled \$10.4 M for this year. Funds disbursed relative to new project loans totaled \$5.0 M for this year. Net activity resulted in \$5.4 M received by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$4.4 M in receivables and \$4.9 M in disbursements for a total net activity of \$0.5 M disbursed over received. The STPBF consists of \$6.0 M in receivables and \$0.1 M in disbursements for a total net activity of \$5.9 M received over disbursed. (*Steve Biondo*)

**UPDATE ON TEMPORARY WATER LEASES FOR INSTREAM FLOW USE:** In cooperation with the Colorado Water Trust (CWT), CWCB staff investigated and managed four proposed temporary ISF leases and loans of water for ISF use in 2013. The Board ratified the Director's acceptance of three leases for instream flow use (Nos. 1, 2 and 3 below). However, the McKinley Ditch lease was not exercised due to improved flow conditions later in the irrigation season. In addition, the Bunte Highline Ditch lease, which was approved and exercised last year, was implemented again this year; however, anticipated flow shortages did not occur and the leased water was only needed to supplement one of the subject ISF water rights for a short period. As of November 1, all leases have concluded for the season. On behalf of CWCB, CWT will prepare final accounting for each lease and will submit reports to the Division Engineers by the required November 15<sup>th</sup> deadline.

**1) Water Division 5 – Hammond No.2 Ditch, (Winter Park Ranch Water and Sanitation District)**

**Streams Benefitted:** St. Louis Creek and Fraser River

**Amount Leased:** 0.685 cfs of the Hammond No. 2, and 0.349 cfs of the Tyron Ditch

**Lease Term:** 1st year of 3 in 10 year lease

**Board Approval:** July 2013

**Summary:** This temporary lease with Winter Park Water and Sanitation District (“District”) was approved as a full season lease by DWR in early June and ISF use began in early July. On behalf of CWCB, CWT staff met with the Water Commissioner to discuss operations and identify gaging requirements. CWCB staff installed two staff gages to implement this lease, and made several flow measurements on St. Louis Creek and the Fraser River to develop rating curves. District staff recorded weekly gage measurements and photographed the streams during the full period of lease operation. Late season monsoonal precipitation events delivered more moisture than initially forecast, and the ISF right on St. Louis Creek remained fully satisfied throughout the summer. The ISF right on the Fraser River, however, did experience a short-term flow shortage in late July averaging about 0.5 cfs, which was supplemented by this temporary ISF lease.

**2) Water Division 6 – Stagecoach Reservoir, (Upper Yampa Water Conservancy District)**

**Stream Benefitted:** Yampa River (72.5 cfs from 4/1 to 8/14 and 47.5 cfs from 8/15 to 3/31 ISF)

**Reservoir:** Stagecoach Reservoir

**Amount Leased:** 4,000 AF (at a rate of up to 30 cfs)

**Lease Term:** 2013 one-year lease

**Board Approval:** September 2013

**Summary:** The Stagecoach Reservoir temporary ISF lease was approved by DWR in 2012 for a one-year lease term, as requested by the proponents. In July 2013, CWT staff negotiated a second contract with the Upper Yampa District to provide up to 4,000 AF of water from Stagecoach Reservoir to benefit the CWCB’s instream flow right on the Yampa River. Due to low flows in the Yampa River and critically high water temperatures, CWT requested early releases beginning in late-July, adding up to 30 cfs to the river. Although these early releases were made prior to DWR approval, and were therefore not legally protectable for instream flow use, the Upper Yampa District was able to generate hydropower, and the colder water improved stream temperatures. The additional water provided to the Yampa River also alleviated significant shortages (up to 24 cfs) to the instream flow water right. CWCB staff received approval from DWR in August to operate the lease for instream flow use for a second one-year term. In coordination with CWCB and CPW, CWT requested continued releases from Stagecoach Reservoir in amounts ranging from 20 – 30 cfs through mid-September. The additional water provided to the Yampa River continued to supplement instream flow shortages (up to 11 cfs) and improve water temperatures. Releases were suspended on September 12 due to increased precipitation and high streamflows. The total amount of water provided under the temporary instream flow lease this year was 2,818.7 AF. At its September 2013 meeting, the Board ratified this lease and approved entering into a sublease with CWT under which the CWCB would pay CWT

up to \$43,000 for the leased water, at a rate of \$35.74 per acre-foot. However, since no water was needed or provided subsequent to the finalization of the CWT/CWCB sublease, no funds were expended for this temporary lease. In accordance with the temporary lease statute, CWCB may only request approval of this lease for one additional year of ISF use.

**3) Water Division 4 – McKinley Ditch (Western Rivers Conservancy)**

**Stream Benefitted:** Cimarron River (16 cfs from 1/1 to 12/31)

**Amount of Water to be leased:** 5.81 cfs of the McKinley Ditch

**Lease Term:** 3 in 10 year lease

**Board Approval:** September 2013

**Summary:** The McKinley Ditch temporary ISF lease was approved by DWR on August 19, 2013 as a split-season lease that allowed for irrigation through July 31, and instream flow use beginning on August 1. The beginning of the ISF use coincided with haying operations on the property. On behalf of CWCB, CWT staff met with the Water Commissioner and Assistant Division Engineer shortly after the lease was approved to identify gaging requirements and options for delivering the ditch water back to the stream. CWT then worked with contractors to clean out the turn-back ditch and installed a Parshall Measuring Flume. Prior to completing the remaining structural improvements required for operation of the lease, a significant late season precipitation event occurred. With flows in the Cimarron River running 4 times the average for late summer/early fall, CWCB and CWT elected not to exercise the ISF lease for this year. The Division Engineer was notified and the lessee returned the McKinley Ditch shares back to historical irrigation practices. By electing not to exercise the ISF lease in a year of above average stream flows, CWCB retained the right to exercise this lease in a future dry year when the ISF water right may not be fully met.

**4) Water Division 5 – Bunte Highline Ditch (Aspen-Shorefox)**

**Stream Benefitted:** Colorado River (four ISF reaches)

**Amount of Water to be leased:** Up to 40 cfs

**Lease Term:** One-year term

**Board Approval:** September 2012

**Summary:** The Bunte Highline Ditch temporary ISF lease was approved by DWR in July 2012 and exercised by CWCB under a one-year agreement with Aspen-Shorefox. CWCB entered into an agreement with the ditch owner again this year and notified the Division Engineer of its intent to exercise this temporary ISF lease for a second year of use. CWT staff conducted a field inspection of the infrastructure required for lease operation (ditch, headgates, recharge ponds), and made arrangements with a local rancher for ditch maintenance and day-to-day lease operations. However, flows in the upper Colorado River basin remained high throughout the summer due to increased rainfall and additional releases from Granby Reservoir for endangered fish (10825 water). The additional releases from Granby Reservoir increased streamflow by 50 cfs through most of the summer. CWT staff

continued to monitor streamflow, in anticipation of flow shortages once the 10825 release pool was expended; however, due to the increased precipitation, the flow shortages never materialized. Even though Aspen-Shorefox was paid for leased water, no water was provided to supplement the ISF rights because none was needed. Under the terms of the temporary lease statute and the DWR approval, CWCB has one year remaining to exercise this temporary ISF lease. *(Linda Bassi)*

**COLORADO WATER OFFICIALS ASSOCIATION (CWOA) ANNUAL MEETING:** Several CWCB staff members attended the CWOA annual conference on October 2<sup>nd</sup> and 3<sup>rd</sup> in Glenwood Springs. The conference themed “*A History of Water Use in the Upper Colorado River Basin, Present Challenges and Future Opportunities*” provided CWCB staff not only an educational opportunity, but a chance to meet and coordinate with DWR staff members from all water divisions. Highlights of the conference were presentations from Steve Ryken (Municipal Dual Water Systems), Rust Loyd (Impact of Invasive Species on Water Supply), Scott Balcomb & Karen Kwon (Colorado River Compact & River Supply - Past & Present), Dick Stenzel (History of Irrigation in Colorado), Nolen Doeskin (September 2013 Flood), Paul Testwuide (History of Snowmaking and Ski Area Development) and Greg Deranleau (Oil and Gas Fracking Rules & Water Re-Use). *(Rob Viehl)*

**STREAM AND LAKE PROTECTION SECTION DE MINIMIS CASE:** The following table summarizes an application that has the potential to injure one the Board’s instream flow water rights, but the impact is considered de minimis. In this case, the cumulative impact to the Board’s right is less than 1%. Pursuant to ISF Rule 8(e) (the de minimis rule), staff has not filed a Statement of Opposition in this case and has provided the required notification to the Division Engineer and applicant. *(Rob Viehl)*

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
5-13CW3041	Sunset Ridge Property Owners Assc.	Fraser River/ 5-90CW315	17 cfs (summer) 11 cfs (winter)	0.0077% 0.0033%	0.1519% 0.2158%	6

**CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGP) UPDATE:** Over the last few years of research/projects along with evaluating this grant program, CWCB staff is identifying trends in water efficiency & drought planning and implementation. It is an on-going discussion as staff considers a guideline update for this grant program.

Three grant applications were received, considered & reviewed since the September 2013 Director’s Report

- **City of Grand Junction** – Residential & Commercial Water Audits
- **Southeastern Colorado Water Conservancy District** – Enhancement of Web Conservation Toolbox & Integrate Master Accounts into Regional Water Conservation Plan
- **Ruedi Water & Power Authority** – Roaring Fork Regional Water Conservation Plan

No grants were approved since the last Board meeting:

Deliverables to the CWCB are as follows:

- **St Charles Mesa Water District** – Meter Replacement Project – *submitted 50% & 75% Progress Reports and Final Report*
- **Center for Resource Conservation** – Slow the Flow Impact Analysis – *submitted 50% Progress Report*
- **City of Ouray** – Water Conservation Plan – *submitted 50% Progress Report*
- **Mount Werner Water & Sanitation District** – Web Based Leak Detection System – *submitted Final Report (Ben Wade)*

**WATER EFFICIENCY & DROUGHT PLANS UPDATE:** The Office of Water Conservation & Drought Planning (OWCDP) continues to work with the following providers to approve their Water Efficiency and Drought Management Plans:

### **DROUGHT MANAGEMENT PLANS**

#### **Plans in review**

- **Pagosa Area Water and Sanitation District** – The District submitted a draft Drought Management Plan in January, CWCB has reviewed the plan and provided feedback to the District and they are working to incorporate CWCB comments. (**Taryn Finnessey & Ben Wade**)

### **WATER EFFICIENCY PLANS**

#### **Approved Plans**

- **City of Loveland**

The following plans have been given *conditional approval*. CWCB staff will continue to work with these entities until their respective Water Efficiency Plans achieve approval status.

- **City of Trinidad**
- **Meridian Metro District**
- **City of Englewood**

#### **Water Efficiency Plans in review**

- **Monument, Palmer Lake and Tri-View Metro District**–Received on July 16, this regional plan is in review
- **Town of La Junta** – Final review of the Plan was completed by CWCB staff in April 2011 and additional comments were sent back to the Town in May 2011. Resubmission pending.
- **South Adams County Water & Sanitation District** – CWCB received the Plan on November 3, 2011. CWCB staff reviewed the plan and sent comments to the District on January 30, 2012. Resubmission pending. (**Kevin Reidy & Ben Wade**)

#### **Water Efficiency Planning Outreach**

While in Telluride for the September board meeting, Kevin Reidy met with the Towns of Telluride, Ouray and Ridgway regarding water efficiency planning. The Town of Telluride is beginning their planning process at this time, Ouray is about 50% complete and Ridgway is considering creating a formal plan. (*Kevin Reidy*)



**GOVERNOR'S WATER AVAILABILITY TASK FORCE:** The next Water Availability Task Force on November 21, 2013 from 1:00-3:30pm at the Colorado Parks & Wildlife Headquarters, 6060 Broadway, Denver, CO in the Bighorn Room. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information. *(Ben Wade)*

**WATER CONSERVATION TECHNICAL ADVISORY GROUP (WCTAG) UPDATE:** The WCTAG met on 10/30 for the 1051 Web Portal workshop. The group went through the design, functionality and the content of the portal. The group will receive a log in for the portal no later than November 6 in order to start testing the portal by adding their own data into it. They will have approximately 3 weeks to work through the portal and provide their feedback to the design team. *(Kevin Reidy)*

**1051 REPORTING WEB PORTAL UPDATE:** The Web Portal is on schedule with the consulting team, Leonard Rice Engineers, hosting the workshop with the WCTAG on 10/30 and getting the tool ready for beta testing. The WCTAG will take part in the testing period for 3 weeks and then between late November and mid-January the design team will put the finishing touches on it. Water providers will have until June 30, 2014 to report their data. CWCB will work with providers who have questions and most likely will schedule some ½ day regional workshops in early Spring 2014 to work through the web portal. *(Kevin Reidy)*

**M & I WATER CONSERVATION/REUSE WORKGROUP MEETINGS:** Kevin Reidy attended the second U.S. Bureau of Reclamation M&I Water Conservation workgroup meeting in Denver on October 22. The group went through some preliminary questionnaire data concerning exceptional conservation programs that was gathered from numerous providers throughout the basin. Next steps include commenting on a proposed data gathering template and looking at past conservation savings garnered by water providers. The group is tasked with assessing the savings assumptions put forth in the Colorado River Basin Study and quantify savings to date within the study area and provide information on projected future water savings. The next meeting is scheduled for sometime in early January 2014. *(Kevin Reidy)*

**COLORADO CLIMATE CHANGE TECHNICAL ADVISORY GROUP (CCTAG):** Over the last few years as CWCB has expanded our work on climate change we have relied upon the input and feedback of climate change experts to help guide our efforts and ensure that our approach met scientific standards. The CCTAG held a meeting October 10th to discuss three new efforts that the state is working on regarding climate change. The meeting participants discussed the following projects:

1. An update to the CRWAS based on new CMIP 5 Data
2. An update to the 2008 Climate Change in Colorado Report based on new CMIP 5 data
3. A statewide climate change vulnerability study

*(Taryn Finnessey)*

**THE AGRICULTURAL EMERGENCY DROUGHT (AED) GRANT PROGRAM:** The Agricultural Emergency Drought (AED) Grant Program provides up to \$1 million annually for emergency drought-related water augmentation purposes to Colorado's agricultural water users. The program is open to agricultural organizations located in areas where a disaster emergency

has been proclaimed due to drought. Grant funds are used to offset the added costs of leasing water during drought years.

All requests are reviewed by the AED grant committee. The committee is comprised of the Director of the CWCB, the State Engineer, the Commissioner of Agriculture and the Executive Director of the Department of Natural Resources. A summary of the requests to-date is provided below. (*Taryn Finnessey*)

<b>SPONSOR</b>	<b>REQUESTED AMOUNT</b>	<b>RECOMMENDED AMOUNT</b>
Lower Arkansas Water Management Association	\$ 103,899.28	\$ 103,899.28
Logan Well Users, Inc.	\$ 339,827.00	\$ 339,437.66
Lower Arkansas Valley Water Conservancy District	\$ 95,940.54	\$ 95,940.54
Arkansas Groundwater Users Association	\$ 200,821.00	\$ 200,821.00
Colorado Water Protective and Development Association #1	\$ 245,238.00	\$ 115,874.85
Colorado Water Protective and Development Association #2	\$ 55,306.00	\$ 55,305.72
<b>FUNDING SUMMARY</b>		
<b>TOTAL GRANT AMOUNT AVAILABLE TO DATE (FY14)</b>		<b>\$1,000,000</b>
<b>APPROVED FUNDING (as of 11/04/2013)</b>		<b>\$941,279.05</b>
<b>REMAINING FUNDS AVAILABLE (as of 11/04/2013)</b>		<b>\$88,720.95</b>

## **~ATTACHMENTS~**

- **01 Instream Flow and Natural Lake Level Program – Summary of Resolved Opposition Cases**
- **02 Finance – Design and Construction Status Report**
- **03 Finance – Current Prequalified Project List and Loan Prospect Summary**
- **04 Finance – Financial Activity Report for Fiscal Year 2014**
- **05 Wild and Scenic River Suitability Determination by USFS's San Juan National Forest**
- **06 Map of Suitable Wild and Scenic Rivers – San Juan National Forest and Tres Rios Field Office**
- **07 WSRA Open Grant Projects – Board Approved – Not Yet Contracted**
- **08 WSRA In Progress Projects**
- **09 WSRA Completed Projects**

**November 19-20, 2013 Board Meeting  
Instream Flow and Natural Lake Level Program  
Summary of Resolved Opposition Cases**

The Board's Instream flow ("ISF") Rule 8i. states that:

"In the event the pretrial resolution includes terms and conditions preventing injury or interference and does not involve a modification, or acceptance of injury or interference with mitigation, the Board is not required to review and ratify the pretrial resolution. Staff may authorize its counsel to sign any court documents necessary to finalize this type of pretrial resolution without Board ratification."

Staff has resolved issues of potential injury in the following water court cases and authorized the Attorney General's Office to enter into stipulations that protect the CWCB's water right(s):

**(1) Case No. 1-11CW279 – Application of Cheley Colorado Camps, Inc.**

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights and exchange, and plan for augmentation do not injure the Board's instream flow water rights on the Big Thompson River by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured. A decree was entered on October 2, 2013.

The CWCB holds the following ISF water rights that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
1-89CW200	Big Thompson River	40/15	11/14/1989	Big Thompson	Larimer
1-89CW205	Big Thompson River	50/20	11/14/1989	Big Thompson	Larimer
1-89CW206	Big Thompson River	40/15	11/14/1989	Big Thompson	Larimer
1-89CW201	North Fork Big Thompson River	2/6	11/14/1989	Big Thompson	Larimer
1-89CW204	North Fork Big Thompson River	3.5/8	11/14/1989	Big Thompson	Larimer

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- Pursuant to section 37-92-102(3)(b), C.R.S. (2013), the Colorado Water Conservation Board's instream flow rights described in paragraph 12.4(B) are subject to the use of the water rights described in paragraph 6 above, including the uses described in paragraph 8.1 above, because those diversions, whether previously confirmed by decree or not, were in existence and use prior to November 14, 1989, in order to meet the demands described in Exhibit F. The foregoing shall not and does not result in a general subordination of the CWCB's decreed instream flow rights to any other water rights junior to the instream flow water rights described in paragraph 12.4(B). While the CWCB's instream flow water rights described in paragraph 12.4(B) are subject to Cheley's use pursuant to section 37-92-102(3)(b), the water rights decreed herein will be administered subject to the prior appropriation system in relation to all other water rights. Any change in use to the water rights described in paragraph 6 above occurring after the adjudication date of the CWCB's instream flow rights, in terms of volume, surface area, type of use, or season of use, is not subject to section 37-92-102(3)(b) and would be junior to the CWCB's instream flow rights described in paragraph 12.4(B). The CWCB's instream flow rights described in paragraph 12.4(B) are entitled to the stream conditions as they existed at the date of

appropriation. The subordination of the CWCB's instream flow water rights to Cheley's water use pursuant to section 37-92-102(3)(b) in this case shall not interfere with the administration of the rights described in paragraph 6 above in-priority as against other water rights. The foregoing shall not and does not result in a general subordination of the CWCB's decreed instream flow rights to any other water rights junior to the instream flow water rights described in paragraph 12.4(B).

- In the event that Cheley's water demands are changed outside of those described in Exhibit F and that change results in an increased use of water by Cheley, such increased use is not entitled to the protections provided by C.R.S §37-92-102(3)(b). Therefore, Cheley would be required to either curtail any increased out-of-priority use or provide replacement water for the increased amount to the applicable instream flow right described in paragraph 12.4(B) that has placed a call administered by the Division Engineer. In the event that Cheley's water demands are changed outside of those described in Exhibit F and that change results in an increased use of water by Cheley, such increased use is not entitled to the protections provided by C.R.S §37-92-102(3)(b). Therefore, Cheley would be required to either curtail any increased out-of-priority use or provide replacement water for the increased amount to the applicable instream flow right described in paragraph 12.4(B) that has placed a call administered by the Division Engineer.

## **(2) Case No. 1-11CW253 – Application of Suzanne F. van Hall, et al.**

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights do not injure the Board's instream flow water rights on Craig Creek by expansion of use. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

The CWCB holds the following ISF water right that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
1-80CW209	Craig Creek	8.0	5/7/1980	Upper South Platte	Park

Applicant has obtained water to use for augmentation and indicated it will file an augmentation plan with the Court. In its stipulation, CWCB agreed that if CWCB opposes the subsequent case, it would not challenge the issues agreed upon in this case. The Applicant has agreed to the following protective terms and conditions:

- The diversion of water at the Uncle Fred's Ditch alternate point of diversion Point G for use in the pond for trout rearing and recreation, as such point of diversion is described in this paragraph, and the water uses at the pond as described in this paragraph, were initiated in the year 1972, occurring prior to the CWCB's appropriation of a water right for instream flow purposes on Craig Creek in Case No. 80CW209. Pursuant to section 37-92-102(3)(b), C.R.S. (2012), the Applicants shall not be required to augment out-of-priority diversions of water from Point G through the 0.25 acre pond at a maximum flow rate of 1.0 cfs, or out-of-priority evaporative loss from the 0.25 acre pond, solely to satisfy a call under the decree entered in Case No. 80CW209, as long as the surface area of the pond does not exceed 0.25 acres, and the reach of Craig Creek impacted by diversions through the pond does not exceed 700 feet. The subordination of the instream flow water right to the Applicant's water use decreed herein pursuant to CRS 37-92-102(3)(b) in this case shall not interfere with the administration of the Uncle Fred's Ditch water right in priority as against all other water rights and shall not result in general subordination of the CWCB's decreed Craig Creek instream flow right to any other water rights junior to such instream flow water right.
- The diversion of water at the alternate points of diversion of the Kountze Pipeline for decreed uses of stock watering, household, and other domestic purposes, as such points of diversion and uses are described in this paragraph, were initiated in the year 1978, occurring prior to the CWCB's appropriation of a water right for instream flow purposes on Craig Creek in Case No. 80CW209. Pursuant to section 37-92-102(3)(b),



C.R.S. (2012), the Applicants shall not be required to augment out-of-priority diversions of water from the Kountze Pipeline alternate points of diversion up to the decreed cumulative rate from all points of 0.01 cfs, solely to satisfy a call under the decree entered in Case No. 80CW209. The subordination of the instream flow water right to the Applicant's water use decreed herein pursuant to CRS 37-92-102(3)(b) in this case shall not interfere with the administration of the Kountze Pipeline water right in priority as against all other water rights and shall not result in general subordination of the CWCB's decreed Craig Creek instream flow right to any other water rights junior to such instream flow water right.

**(3) Case No.2-11CW89 – Application of Three Elk Creek Estates, Inc.**

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights and exchange, and plan for augmentation do not injure the Board's instream flow water rights on Three Elk Creek by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

The CWCB holds the following ISF water right that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
2-80CW71	Three Elk Creek	4	5/7/1980	Arkansas Headwaters	Chaffee

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- The CWCB has a decreed minimum instream flow water right on three Elk Creek for 4.0 cfs from the headwaters of Three Elk Creek to its confluence with the Arkansas River, as decreed on February 6, 1981 in Case No. 80CW71, District Court for Water Division 2. Pursuant to C.R.S. 37-92-102(3)(b), the CWCB's minimum instream flow water right on Three Elk Creek, decreed in Case No. 80CW71, is subject to the Applicant's in priority uses of Three Elk Pond as they existed on May 7, 1980. Any change in use to the Three Elk Pond occurring after May 7, 1980, in terms of volume, surface area, type of use, or season of use, is not subject to C.R.S. 37-92-102(3)(b) and would be junior to the CWCB's minimum instream flow right decreed in Case No. 80CW71. As of the date of this decree, there are no such changed uses of Three Elk Pond by the Applicant. The CWCB's minimum instream flow right decreed in Case No. 80CW71 is entitled to stream conditions as they existed at the date of its appropriation. Pursuant to Rule 7(b)(1) of the Rules Concerning the Colorado Instream Flow Program and Natural Lake Program, Three Elk Pond has legally inundated a portion of the subsequently decreed minimum instream flow reach decreed in Case No. 80CW71. The minimum instream flow inundations allowed under C.R.S. 37-92-102(3)(b) is limited to the area covered by Three Elk Pond as it existed on May 7, 1980. Any additional inundation would require further approval of the CWCB. The subordination of the minimum instream flow water right to the Applicant's water uses for Three Elk Pond decreed herein, pursuant to C.R.S. 37-92-102(3)(b), shall not interfere with the administration of the Three Elk Pond right in priority as against other water rights, and shall not result in general subordination of the CWCB's Three Elk Creek minimum instream flow right to any other water rights junior to that minimum instream flow water right. While the CWCB's minimum instream flow water right described herein is subject to the Applicant's uses for Three Elk Pond as decreed herein, pursuant to C.R.S. 37-92-102(3)(b), the water rights decreed herein will be administered subject to the prior appropriation system in relation to all other water rights.

**(4) Case No. 5-09CW018 – Application of Summit County Christian School (Summit Academy)**

The Board ratified this statement of opposition at its July 2009 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plans for augmentation and out-of-priority diversion do not injure the Board's instream flow water rights on the Blue River by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

The CWCB holds the following ISF water right that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
5-87W217	Blue River	32/16	3/14/86	Blue River	Summit

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- Return flows from in-house use of water produced by the subject well will accrue to the Blue River at the wastewater treatment facilities of the Upper Blue Sanitation District, which are located approximately one mile downstream of the subject well. Therefore, in-house uses of water produced from the well will be fully depletive to the Blue River in the reach between the well and the District's wastewater treatment facilities. This condition has existed since 1983. Opposer CWCB holds instream flow water rights within this reach of the Blue River that were adjudicated by this Court in 1986 in Case No. 85CW627, which water right is entitled to protection from injury caused by stream depletions that exceed the level of depletion caused by the subject well prior to 1986. The pre-1986 and post-1986 diversions and depletions associated with the operation of the subject well are identified in Table 2, attached hereto, as "Exempt Indoor" and "Nonexempt Indoor" diversions and depletions, respectively. During the period of a valid call placed for water to satisfy the CWCB's instream flow water right decreed in Case No. 85CW627, Applicant will be required to replace 100% of its non-exempt diversions to this reach of the Blue River.
- The CWCB's instream flow right is decreed for 32 cfs from May 1 through October 31 and 16 cfs from November 1 through April 30 of each year. Applicant's Blue Danube consumptive use water is available from May through September. In the event that an administrative call by the CWCB's instream flow right is being enforced, Applicant shall either reduce its diversions through Agape Outpost Well No. 1 to the levels identified in Table 2, attached hereto, as "Exempt Indoor" diversions or replace its diversions with Blue Danube consumptive use water stored in-priority.
- Pursuant to section 37-92-102(3)(b), C.R.S. (2013), the CWCB's instream flow water right on the Blue River, decreed in consolidated Case No. 85CW627 (originally filed in Case No. 86CW217), is subject to the Applicant's in-priority uses of Agape Outpost Well No. 1 as they existed on March 14, 1986. Any change in use to the Agape Outpost Well No. 1 occurring after March 14, 1986, in terms of volume, type of use, or season of use, is not subject to section 37-92-102(3)(b) and would be junior to the CWCB's instream flow right decreed in Case No. 86CW217. The subordination of the instream flow water right to the Applicant's water use decreed herein pursuant to section 37-92-102(3)(b) in this case shall not interfere with the administration of the Agape Outpost Well No. 1 right in priority as against other water rights, and shall not result in general subordination of the CWCB's Blue River decreed instream flow right to any other water rights junior to that instream flow water right. While the CWCB's instream flow water right described herein is subject to the Applicant's use pursuant to section 37-92-102(3)(b), the water rights decreed herein will be administered subject to the prior appropriation system in relation to all other water rights.

#### **(5) Case No. 5-11CW196 – Application of Aspen Camp School for the Deaf**

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plans for augmentation and exchange do not injure the Board's instream flow water rights on Snowmass Creek and the Roaring Fork River by not replacing out-of-priority depletions in proper time, place, or amount. Staff,

in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

The CWCB holds the following ISF water rights that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
5-76W2943A	Snowmass Creek	12	1/14/1976	Roaring Fork	Pitkin
5-92CW280	Snowmass Creek	3	9/15/1992	Roaring Fork	Pitkin
5-85CW646	Roaring Fork River	55/30	11/8/1985	Roaring Fork	Pitkin Eagle
5-85CW639	Roaring Fork River	145/75	11/8/1985	Roaring Fork	Pitkin

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- For local calls (from a calling right above the confluence of the Fryingpan and Roaring Fork Rivers including calls placed by the CWCB for its senior instream flow rights on Snowmass Creek decreed in Case Nos. 76CW2943A and 92CW280) and at times when the exchange described in this application is not able to operate, Applicant's irrigation will be reduced from 1.9 acres to 0.3 acres or to the as-constructed amount of augmentation storage for irrigation available in Feature 2, Applicant's Feature 2 Pond evaporation will no longer be replaced. Pond level will be drawn down and water previously stored in priority in the onsite Feature 2 will be released to replace other out of priority depletions from Wells 1, 2 and 3 and irrigation uses diverted through the ADC Pump and Pipeline and/or ADC Ditch. To replace depletions from the wells, the replacement water shall be delivered and discharged to Snowmass Creek at a point at or above the point of depletion of the ADC Well 1; at such time as Well No. 3 is drilled, Applicant will provide to both the Division Engineer and Colorado Water Conservation District a map depicting the point of depletion for Well No. 3 if such is located upstream of the point at which depletions from Well No. 1 accrue to Snowmass Creek. To replace depletions from irrigation use, the replacement water shall be delivered and discharged to Snowmass Creek at a point at or above the point of diversion of the ADC Pump and Pipeline and/or ADC Ditch, as appropriate. At such times, the pond system shall not be operated as a flow through system.

**(6) Case No. 5-11CW199 Application of PT Ranch Barn L.L.C.**

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights and exchange and plan for augmentation do not injure the Board's instream flow water rights on Castle Creek and the Roaring Fork River by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

The CWCB holds the following ISF water rights that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
5-76W2947	Castle Creek	12	1/14/1976	Roaring Fork	Pitkin
98/5/ACQ01A	Castle Creek	12	11/16/1885	Roaring Fork	Pitkin

98/5/ACQ01B	Castle Creek	12	8/27/1950	Roaring Fork	Pitkin
98/5/ACQ01C	Castle Creek	12	3/1/1902	Roaring Fork	Pitkin
98/5/ACQ01D	Castle Creek	12	1/10/1926	Roaring Fork	Pitkin
5-76W2948	Roaring Fork River	32	1/14/1976	Roaring Fork	Pitkin
5-85CW646	Roaring Fork River	55/30	11/8/1985	Roaring Fork	Pitkin
5-85CW639	Roaring Fork River	145/75	11/8/1985	Roaring Fork	Pitkin

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- Periodic geothermal exchange use (prior to diversion into the irrigation system) will be through a non-consumptive water cooling pipeline for the chilled water system in a residential hydronic cooling system ("Cooling System). Water diverted at the well will travel through the Cooling System before entering the irrigation system. Flow rates will be measured at the well and at the irrigation system connection. When the irrigation priority described herein is out of priority (and the calling right is not augmented), diversions solely for use in the Cooling System will be measured and returned immediately to the Well. It is anticipated that such use will occur from May 15 through September 30 of each year.
- Operation of the Well solely for geothermal use will not result in any depletions to Castle Creek. Accordingly, Applicant does not propose augmentation of such use pursuant to this augmentation plan.

**(7) Case No. 7-11CW041– Application of Edgemont Ranch Metro (with Acquisition)**

The Board ratified this statement of opposition at its November 2011 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan for augmentation does not injure the Board's instream flow water right on the Florida River, by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured. CWCB accepted a water acquisition negotiated as part of this case at its July, 2013 Board meeting. A Decree was entered in this case on October 9, 2013.

The CWCB holds the following ISF water rights that could have been injured by this application:

<b>CWCB Case No.</b>	<b>Stream/Lake</b>	<b>Amount (cfs)</b>	<b>Approp. Date</b>	<b>Watershed</b>	<b>County</b>
7-77W1763	Florida River	7/14	1/19/1977	Animas	La Plata
7-77W1764	Florida River	12/20	1/19/1977	Animas	La Plata

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- CWCB and Applicant have entered into a water delivery agreement such that between 1 acre-foot and 11.5 acre-feet of water will be released each year from Lemon Reservoir in to the Florida River for ISF use during the non-irrigation season.

# STATE OF COLORADO

## Colorado Water Conservation Board Department of Natural Resources

1313 Sherman Street, Room 721  
Denver, Colorado 80203  
Phone: (303) 866-3441  
Fax: (303) 866-4474  
www.cwcb.state.co.us



TO: Colorado Water Conservation Board Members

John W. Hickenlooper  
Governor

FROM: Kirk Russell, P.E., Chief  
Finance & Administration Section

Mike King  
DNR Executive Director

DATE: November 8, 2013

James Eklund  
CWCB Director

SUBJECT: **Directors Report November 19-20, 2013 Board Meeting  
Finance – Design & Construction Status Report**

The CWCB Loan Program has Substantially Completed thirteen (13) projects in Calendar Year 2013 as shown in Table 1. There are currently 58 projects authorized to receive loan funding totaling \$201 million. There are 36 projects currently under contract and in the Design and Construction phase totaling \$109 million. There are an additional ten (10) Emergency Loans approved totaling \$12.3 million.

The attached spreadsheet summarizes the status of the projects. A detailed description about each project is provided in the digital version of the Director's Report.

**TABLE 1**

	<b>Borrower</b>	<b>Project</b>	<b>County</b>	<b>Loan</b>	<b>Complete</b>
1	Big Elk Meadows Assoc.	Raw Water System Improvements	Boldr/Larimr	\$272,700	2/1/13
2	Center of CO Water Cons Dist	Smelter Pipeline Res Enlargement	Park	\$404,000	2/1/13(a)
3	Henrylyn Irrigation District	Horse Creek & Prospect Res Rehab	Weld	\$2,184,327	2/1/13(b)
4	Two Rivers Water Co	Orlando Reservoir Rehabilitation	Huerf/Pueb	\$1,184,882	3/1/13
5	Parkville Water District	Canterbury Tunnel Repair	Lake	\$1,838,200	2/1/13
6	Farmers Res & Irrigation Co	Milton Res & Barr Lake Imprv Proj.	Adms/Weld	\$3,535,000	4/1/13
7	Ogilvy Augmentation Co	Well Augmentation	Weld	\$1,010,808	4/1/13
8	Montezuma Valley Irr Co	May Lateral Pipeline	Montezuma	\$5,292,400	4/1/13
9	Montezuma Valley Irr Co	Lone Pine & May Lateral Improv.	Montezuma	\$339,600	4/1/13
10	Fort Morgan Res & Irr Co	Pipeline – Augmentation Retiming	Morgan	\$1,494,800	5/1/13
11	Fort Morgan Res & Irr Co	River Diversion Rehab Project	Morgan	\$1,308,960	5/1/13
12	New Salida Ditch Co	Ditch Rehabilitation	Chaffee	\$365,620	8/1/13
13	La Veta, Town of	La Veta Dam Rehabilitation	Huerfano	\$372,690	9/1/13(c)
		Total		\$19,600,000	

Calendar Year 2013 has added or preserved 3,317AF of reservoir storage [(a) 300AF, (b) 3,000AF, (c) 17AF]



## BIG ELK MEADOWS ASSOCIATION RAW WATER SYSTEM IMPROVEMENTS PROJECT



*Before and after photos of the Meadow Lake outlet structure*

### Project Description

The Big Elk Meadows Association requested a loan for improvements to its raw water system which serves Big Elk Meadows, a 205-lot subdivision with 160 residences distributed across 460 acres. During an SEO inspection of the Association's raw water system and review of its water accounting practices it was determined the outlet conduit from Meadow Lake Dam was collapsing and becoming inoperable and it was determined that the Association had no accurate means to gauge flows and accurately control reservoir release rates, violating the terms of its 1995 decree regarding return flows. The SEO required that the Association improve their raw water system and accounting protocol in order to function safely and in compliance with its decrees. Project improvements included: Meadow Lake Dam outlet replacement, raw water monitoring equipment installation, and installation of an ISH Reservoir augmentation outfall. The project provides the Association the means to monitor and control reservoir releases while satisfying downstream obligations per their augmentation plan.

### Project Data

**Sponsor:** Big Elk Meadows Association

**County:** Boulder/Larimer

**Water Source:** West Fork of the Little Thompson River

**Substantial Completion:** February 1, 2013

**Terms of Loan (Contract # C150327):** \$272,700 for 30 years @ 4.50%

**Design Engineer:** Gauthiere Engineering, Greeley, CO

**Contractor:** T&G Enterprises (Ackerman Excavating), Lyons, CO

**Project Elements:** 500 CY of excavation/material placement, place 300 CY rip-rap, place 25 CY of concrete (2 structures), install multiple butterfly valves (6" – 12")



## CENTER OF COLORADO WATER CONSERVANCY DISTRICT SMELTER PIPELINE RESERVOIR ENLARGEMENT PROJECT



*Before and after photos from Smelter Pipeline Reservoir Dam*

### **Project Description**

The Center of Colorado Water Conservancy District (CCWCD), a Title 37 Special District, co-owns and manages a blanket augmentation plan across Park County with the Upper South Platte Water Conservancy District. The CCWCD purchased Smelter Pipeline Reservoir in 2005 to increase its augmentation capacity in the upstream reach of the basin. When purchased, the reservoir had significant seepage issues and its diversion headgate was deteriorated and marginally operational. The enlargement of the reservoir from 21 AF to 28 AF increased CCWCD's storage capacity and enabled it to more efficiently implement its augmentation obligation across Park County. Included in the project was the lining of the reservoir, replacement of the diversion headgate, and modification of the dam outlet works to accommodate the increased capacity.

### **Project Data**

**Sponsor:** Center of Colorado Water Conservancy District

**County:** Park

**Water Source:** Michigan Creek

**Substantial Completion:** February 1, 2013

**Terms of Loan (Contract #C150335):** \$404,000 (\$404,000 drawn) for 10 years @ 2.50%

**Design Engineer:** TZA Water Engineers, Lakewood, CO

**Contractor:** Hudick Excavating, Inc., Castle Rock, CO

**Project Elements:** 35,000 CY of native material excavation and placement, 150,000 SF of 30 mil PVC liner, 300,000 SF of 8oz. geotextile layer, 750 LF 8" PVC, 850 LF 6" PVC, and installation of a 4" flow meter and valve box

## HENRYLYN IRRIGATION DISTRICT HORSE CREEK AND PROSPECT RESERVOIR REHABILITATION PROJECT



*Prospect Reservoir Dam pre-project debris (inset) and the rehabilitated Horse Creek Reservoir outlet flume*

### Project Description

The Henrylyn Irrigation District, formed in 1907, utilizes Horse Creek and Prospect Reservoirs in the annual delivery of more than 19,000 acre-feet of irrigation water to over 32,000 acres of agricultural land in Weld County. The reservoirs, which are separated by 25 miles, are in-line reservoirs fed by the Denver-Hudson Canal. For Horse Creek Reservoir the project consisted of lining the outlet works, installing additional toe drain, and resurfacing/re-grading the dam crest. Rehabilitation efforts for Prospect Reservoir, which is currently under a 1.5-foot storage restriction due to stability concerns, consisted of a lining for the outlet works, toe drain rehabilitation and improvements, resurfacing of the dam crest, regrading the dam embankment, and rehabilitating the face of the dam. The project will restore the storage capacity of Prospect Reservoir while increasing the efficiencies of both outlet works and providing addition stability and maintenance access.

### Project Data

**Borrower:** Henrylyn Irrigation District

**County:** Weld

**Water Source:** Denver-Hudson Canal

**Substantial Completion:** February 1, 2013

**Terms of Loan (Contract #C150252):** approved for \$2,184,327 (\$2,150,597.05 drawn) for 30 years @ 2.25%

**Design Engineer:** Smith Geotechnical, Fort Collins, CO

**Contractor:** Zak Dirt, Inc., Longmont, CO

**Project Elements:** Rip-rap lined outlet channel and concrete headwall/flume, toe drain installation and repair, dam embankment fill placement, toe drain pump installation, piezometer installation, concrete dam rehabilitation



## TWO RIVERS WATER COMPANY ORLANDO RESERVOIR REHABILITATION PROJECT



*Finished project photos of the Orlando Reservoir and the Cucharas No. 5 spillway improvements.*

### Project Description

The Two Rivers Water Company is requested a CWCB loan to restore aging water infrastructure in order to support the company's agricultural production. Loan funds were used to modify the spillway at the Cucharas Dam. This temporarily brought the spillway up to SEO standards and allowed the company to store a restricted level of water and avoided a pending breach order. Loan funds were also used to repair the outlet works at the Orlando Reservoir No. 2 where a new 30-inch outlet pipe with a new headwall and trash rack system was installed. Funds were also used to construct a new headgate on the Orlando Canal where there had previously been a temporary sand dam. This structure was replaced with a new sheet pile wall.

### Project Data

**Sponsor:** Two Rivers Water Company

**County:** Huerfano & Pueblo

**Water Source:** Huerfano River

**Substantial Completion:** March 1, 2013

**Terms of Loan (Contract # C150328):** \$1,184,882 for 20 years @ 2.50%

**Design Engineer:** Applegate Engineering, Denver, CO

**Contractor:** SLV Earth Movers, Monte Vista, CO

**Project Elements:** Cucharas No. 5 Reservoir spillway improvements (concrete removal of ogee crest spillway to lower spillway level), installation of a new 30-inch outlet works pipe at the Orlando Reservoir, and Orlando Ditch headgate rehabilitation.

## Parkville Water District CANTERBURY TUNNEL REPAIR PROJECT



### Project Description

The Project included the construction of a vertical bore, installation of a well pump station and 1.5 miles of 10 inch pipeline. The Project will allow the District to access water from the Canterbury Tunnel which provided a high quality and reliable water supply until the late 1990's. The tunnel was constructed during the late 1920's to provide mine drainage. In 1961, the District accessed the water at the portal and pumped it into the existing District's distribution system. The tunnel produced high quality groundwater at a constant rate and a year-round temperature of approximately 50 degrees. In 2003, a portion of tunnel collapsed. The project involved the installation of a vertical bore/well into the tunnel. A pump was installed to withdraw water from the tunnel and a pipeline was installed to convey the tunnel water to the Evans Gulch Reservoir. The pipeline connects into an existing District pipeline near Evans Gulch Reservoir.

### Project Data

**Sponsor:** Parkville Water District

**County:** Lake

**Water Source:** Canterbury Tunnel

**Terms of Loan:** \$1,838,200.00 for 3 years @ 4.00%

**Substantial Completion:** February 1, 2013

**Design Engineer:** W. W. Wheeler, Englewood, CO

**Contractor:** Stan Miller, Inc., Breckenridge, CO

**Project Elements:** 250 foot vertical bore/well, well pump house and electrical equipment. 8,300 feet of 10-inch HDPE pipe.



**Farmers Reservoir and Irrigation Company  
MILTON SPILLWAY/OUTLET REHABILITATION & BARR LAKE IMPROVEMENTS**



### Project Description

Farmers Reservoir and Irrigation Company operates a ditch and reservoir system extending 3,500 square miles along the Front Range corridor, from Golden to Kersey including Barr Lake and Milton Reservoir. This project included replacing the upstream outlet gate structure and a portion of the piped outlet works at Milton Reservoir and enlarging the existing spillway. In addition, Barr Lake spillway was enlarged along with the raising the perimeter dike. The construction components were completed in late 2011.

### Project Data

**Sponsor:** Farmers Reservoir and Irrigation Company

**County:** Adams & Weld

**Water Source:** Beebe Seep Canal,  
Platte Valley Canal,  
O'Brian Canal

**Terms of Loan:** \$3,535,000 for 30 years @ 3.70%

**Substantial Completion:** April 1, 2013

**Design Engineer:** Ecological Resource Consultants, Inc

**Contractor:** TEZAK, Canon City, American West Construction, Denver

**Project Elements:** Milton Dam outlet works consist of: (2) new slide gates, new hydraulic operators, a new gate control house, SCADA system, and repair of a section of 44-inch steel-lined conduit. Milton Spillway work consists of: enlarging the spillway from 350 feet to 586 feet and lowering the spillway by 1.5 feet. Barr Spillway work consists of: increasing the current spillway from an informal low depression to a 185 feet wide and 700 feet long concrete spillway with riprap at the far downstream end.

## Ogilvy Augmentation Company AUGMENTATION PROJECT



### Project Description

The Ogilvy Augmentation Company was established in 2005 to augment wells that operate under the Ogilvy Irrigating and Land Company's service area. Approximately 1,400 acres of land are irrigated by the Company north of Kersey. There are 17 wells in the Augmentation Company that operate under its temporary substitute water supply plan (SWSP). The Project's purpose is to create a permanent water supply for the Augmentation Company to obtain a permanent augmentation plan. The Project included the purchase of water rights; construction of a recharge pond, and installation of monitoring devices. The Augmentation Company filed for its permanent augmentation plan and will construct a storage reservoir under a separate CWCB loan contract.

### Project Data

**Sponsor:** Ogilvy Augmentation Company

**County:** Weld

**Water Source:** Cache La Poudre

**Terms of Loan:** \$523,584 for 30 years @ 2.50%

**Substantial Completion:** April 1, 2013

**Design Engineer:** NoCo Engineering Inc., Loveland

**Contractor:** Four C Sons, Kersey

**Project Elements:** Purchased 6 shares of Greeley Irrigation Company stock; construction of a recharge pond; and installation of measurement structures and flow meters.



## Montezuma Valley Irrigation Company MAY LATERAL PIPELINE PROJECT



The Irrigation Company manages the delivery of irrigation water to the approximately 46,000 acre service area. The Company installed approximately five (5) miles of 36-inch pipe in the existing May Lateral Ditch alignment. The Company's staff performed the installation and welded the HDPE pipe together. The installation of pipe will improve delivery and significantly reduce leakage. The May Lateral water is diverted from the Dolores River and is routed through the McPhee Reservoir prior to delivery to shareholders. The new pipeline will carry approximately 18 cfs to the 105 shareholders that depend on the May Lateral for irrigation water.

### Project Data

**Sponsor:** Montezuma Valley Irrigation Company

**County:** Montezuma

**Water Source:** Dolores River

**Terms of Loan:** \$2,979,825 for 30 years @ 2.25%

**Substantial Completion:** April 1, 2013

**Design Engineer:** AgriTech Consulting

**Contractor:** Montezuma Valley Irrigation Company

**Project Elements:** Five (5) miles of 36-inch HDPE pipe and associated valves and meters.

**Montezuma Valley Irrigation Company  
LONE PINE AND MAY PIPELINE IMPROVEMENTS PROJECT**



### Project Description

The Montezuma Valley Irrigation Company is a non-profit corporation established in the State of Colorado in 1920. The Company manages the delivery of irrigation water to a service area of over 30,000 acres. The Company obtained a loan to address long-term maintenance concerns through this project including: trash and debris removal in delivery pipelines, pipeline pressure management, and water management issues. The Company began construction in the spring of 2012 and completed construction in the spring of 2013.

### Project Data

**Sponsor:** Montezuma Valley Irrigation Company

**County:** Montezuma

**Water Source:** Dolores River

**Terms of Loan:** \$338,603 for 30 years @ 2.75%

**Substantial Completion:** April 1, 2013

**Design Engineer:** Applegate Group, Inc., Glenwood Springs, CO

**Contractor:** Montezuma Valley Irrigation Company

**Project Elements:** The construction associated with this project included the installation of a trash screen on the Lonepine Pipeline, a pressure reducing valve trim package on the Lonepine Pipeline, and the installation of solar panels on the May Pipeline. Final engineering on the May Pipeline trash screen was also included in the project.



## Fort Morgan Reservoir and Irrigation Company GROVES PIPELINE PROJECT



### Project Description

The Project involved installing one 24" pipe from the South Platte River extending three miles to recharge ponds on Groves Farms' land; installing two pumps to pump water from the river through the pipeline; constructing seven recharge/augmentation ponds on Groves Farms' land. This system allows the Company to recapture and re-time the Company's excess augmentation credits that accrue to the South Platte River. Through the new pipeline, new junior diversions may be made and delivered to the new ponds. These junior diversions will produce augmentation credits that will accrue to the South Platte River and may be used immediately for augmentation or may be re-timed. The Company received a WSRA Grant of \$670,000 to offset the project cost.

### Project Data

**Sponsor:** Fort Morgan Reservoir & Irrigation Company

**County:** Morgan

**Water Source:** South Platte River

**Terms of Loan:** \$1,494,800 for 30 years @ 2.9%

**Substantial Completion:** May 1, 2013

**Design Engineer:** Civil Design Group, Greenwood Village CO

**Contractor:** Interstate Irrigation Company, Yuma CO

**Project Elements:** 3-miles of 20" PVC pipe, 275 ft of 30" PVC pipe, wet well and two 4,000 GPM pumps, electric power, and seven augmentation ponds.



**Fort Morgan Reservoir and Irrigation Company  
RIVER DIVERSION REHABILITATION PROJECT**



**Project Description**

The Project replaces portions of the river diversion structure with a 6ft tall and 100ft Obermeyer pneumatic spillway gate system. In addition, a 30ft long section of 5ft tall bladder replaced the current intake gates. The remaining diversion was left intact. The South Platte River diversion is critical to the Company's operations and delivers surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and provides water to a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells.

**Project Data**

**Sponsor:** Fort Morgan Reservoir & Irrigation Company

**County:** Morgan

**Water Source:** South Platte River

**Terms of Loan:** \$1,308,960 for 30 years @ 1.85%

**Substantial Completion:** May 1, 2013

**Design Engineer:** Nation Engineering Services LLC, Fort Collins CO

**Contractor:** Ransom Boone Excavating, Fort Morgan CO

**Project Elements:** 6ft tall and 100ft Obermeyer pneumatic spillway gate system and a 5ft tall 30ft long bladder intake gate.

## New Salida Ditch Company DITCH REHABILITATION PROJECT



### Project Description

The Ditch Company delivers water to agricultural users from the Arkansas River through a diversion in Browns Canyon. The Ditch runs parallel to the River for 1.25 miles and has historically been difficult for the Company to maintain and has suffered frequent breaks. In 2005, the Company undertook a maintenance project designed to mitigate erosion along the ditch. During the maintenance effort, sand and gravel were accidentally deposited into the River and the Company was cited with violations from the Colorado Department of Public Health and Environment (CDPHE). As a resolution to this dispute, the Company agreed to enclose a portion of the Ditch to prevent the potential for discharges of material due to ditch breaks in this area in the future. This Project installed 3,200 linear feet of 42-inch HDPE pipe in the existing ditch alignment.

### Project Data

**Sponsor:** New Salida Ditch Company

**County:** Chaffee

**Water Source:** Arkansas River

**Terms of Loan:** \$365,620 for 30 years @ 2.5%

**Substantial Completion:** August 1, 2013

**Design Engineer:** Colorado River Engineering, Inc, Rifle CO

**Contractor:** Y&K Excavation, Inc, Salida, CO

**Project Elements:** 3,200 LF of 42-inch HDPE pipe and access structures.



## TOWN OF LA VETA NORTH LAKE DAM REHABILITATION PROJECT



*Finished project photos of the North Lake Dam outlet works and toe drain system.*

### Project Description

The Town of La Veta is responsible for supplying its residents with potable water. The town stores raw water in two reservoirs (North Lake and South Lake) to supplement the diversions from the Cucharas River in times of low flow and in periods of drought. North Lake reservoir exhibited growing signs of distress over the years and the SEO issued a 2.5-foot restriction on the dam in March 2011. The restriction cost the Town 17 AF of storage capacity. The La Veta Dam project included the replacement of outlet works and the installation of a toe drain filter system; thereby restoring the full capacity of the reservoir.

### Project Data

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**Sponsor:** Town of La Veta

**County:** Huerfano

**Water Source:** Cucharas River

**Substantial Completion:** September 1, 2013

**Terms of Loan (Contract # C150329):** \$372,690 for 30 years @ 3.0%

**Design Engineer:** Chris Manera, P.E., Colorado River Engineering Inc.

**Contractor:** Glacier Construction, Greenwood Village, CO

**Project Elements:** North Lake Dam Rehabilitation improvements included the removal and replacement of the outlet tower and pipe. It also included the installation of a new toe drain filter system.

**Colorado Water Conservation Board**  
**Water Project Loan Program**  
**Project Design Construction Status Report**

October 8, 2013

**Current Projects in Design or under Construction**

**Status Description/Update**

<b>Borrower/Project</b>		<b>County</b>	<b>Amount</b>	<b>Design Status</b>	<b>Construction Status</b>	<b>Start/End</b>	<b>Status</b>	<b>PM</b>	<b>Status Description/Update</b>
1	Bergen Ditch & Reservoir Company > Bergen Reservoir No. 2 Rehabilitation C150344	Jefferson	\$ 2,020,000	30%		2014 - 2015	0%	JH	Bergen soliciting bids for engineering/geotech. Delay is to fill other reservoirs in order to drain Bergen #2.
2	Central CO WCD - WAS > Augmentation Water Supply Project C150337	Weld/ Adams/ Morgan	\$ 3,030,000	50%		Apr 13 - Apr 15	0%	AM	Purchased a portion of the water rights on 4/25/13
3	Colorado Parks & Wildlife > Beaver Park Reservoir Rehabilitation C150343	Rio Grande	\$ 10,000,000	Ph1 100% P2 60%		Summer '13 & Summer '14	30% 0%	KR	Phase 1 Alsand Construction \$2M. Spillway & Grout work underway. Phase 2 design 100%. Const. expected 2014.
4	Crystal Lakes Water and Sewer Association > Lower Lone Pine Lake Enlargement Project C150325	Larimer	\$ 2,363,400	80%		Apr 12 - Aug 14	50%	AM	Construction began in September 2013.
5	Dillon, Town of > Old Dillon Reservoir Enlargement C150295	Summit	\$ 1,515,000.00	100%		Sep 10 - Jul 13	99%	KR	Construction is complete and accepted. SC expected in the Summer 2013
6	Eckhardt Farms Inc > Water Rights Purchase C150338	Weld	\$ 1,336,230.00	N/A		Jan 13 - Jan 17	0%	AM/ PM	The 1st of the 2 water rights purchases is expected to occur in mid 2013.
7	Farmers' High Line Canal and Reservoir Company > System Rehabilitation Project C150314	Adams/ Jefferson	\$ 1,410,768.00	100%		Feb 11 - Feb 14	80%	JH	The Co. received a loan increase of nearly \$900K in November 2012. Siphons complete. Clear Creek diversion 50% complete will resume in fall 2013.
8	Fisher Ditch Company > Ditch Infrastructure Project C150319	Denver	\$ 454,500	100%		Nov 12 - Dec 13	20%	JH	The Broadway Pipeline task was completed December 2012. The Headgate Rehabilitation task is scheduled for construction this winter pending permitting issues. Sandout gate installation scheduled for this winter. Timing of the Federal Piping are T.B.D.
9	Georgetown, Town of > Outlet Works Modification Project C150321	Clear Creek	\$ 2,976,975	50%		Jan 14 - Jul 14	0%	AM	Final design is underway. Construction is expected to begin in the spring of 2014.
10	Greeley Irrigation Company > Greeley Canal No. 3 Rehabilitation C150239	Wled	\$ 2,233,867.00	90%		Feb 08 - Jul 13	90%	KR	Nearly complete. The Company is working on their SCADA system and the realignment and reshaping of various sections of existing channel.
11	Gypsum, Town of > LEDE Ditch and Reservoir Rrehabilitation C150296	Eagle	\$ 2,689,731.00	100%		Jul 13 - Jul 14	15%	KR	The Town received a WSRA grant for an enlargement of the Reservoir. The supply pipeline completed in Sept 2010. Permitting effort continues with construction expected in summer 2013. Wildlife mitigation plan to be approved.

## Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Design		Construction		Status Description/Update
	Borrower/Project	County	Amount	Status	Start/End	Status	PM			
12	Joseph W. Bowles Reservoir Company > Bowles No. 1 Dam Rehabilitation C150290	Jefferson	\$ 1,703,870.00	100%	Aug 10 - Jan 14	90%	JH	Dam construction project was completed in 2011. Ditch construction underway and to be complete fall 2013.		
13	Henrylyn Irrigation District > Prospect Res Dam Facing Project C150358	Weld	\$ 2,967,279	100%	Oct 13 - Oct 14	0%	JH	Dam design complete and has received SEO Dam Safety approval. Construction to begin fall 2013.		
14	Lake Canal Reservoir Company > North Gray Reservoir Rehab Project C150299	Larimer/ Weld	\$ 116,625.00	20%	Sep 15 - Jan 14	0%	AM/ JH	The Company's engineer is working on the design.		
15	Left Hand Ditch Company > Allen Lake and Lake Isabelle Repair Project C150336	Boulder	\$ 1,157,157	75%	Nov 12 - Aug 13	70%	AM	Allen Lake construction was completed in August 2013. Lake Isabelle repairs we done in the summer/fall of 2013. Final punchlist items will be completed in 2014.		
16	Lower Latham Reservoir Company > Well Augmentation Project C150304	Weld	\$ 3,811,573.00	100%	Nov 09 - Jul 11	85%	KR	The Company has completed its water rights purchase and the construction of the augmentation ponds.LLRC obtained it's irrigation well augmentation decree and it will re-focus it's attention on the recharge facility work.		
17	Mancos Water Conservancy District > Inlet and Outlet Canal Rehabilitation C150120	Montezuma	\$ 5,486,531.00	100%	Jan 04 - Jan 14	98%	KR	Rehabilitation of ditch system involving retaining walls and access road along the ditch was complited in 2009. Additional 1000ft of ditch lining under construction. Construction to be completed in October 2013.		
18	Monte Vista, City of > Augmentation Water Rights Acquisition C150309	Rio Grande	\$ 1,693,770.00	n/a	Oct 10 - Jul 13	50%	KR	The City purchased Anderson Ditch rights and will file a water court application to enable the use of those rights to replace depletions. Contracted with the San Luis Valley Irr. Dist. for storage space in the Rio Grande Res. City continues negotiations to purchase additional water.		
19	North Delta Irrigation Company > NDIC Tunnel Repair Project C150331	Delta	\$ 808,000	100%	Jan 12 - Dec 12	99%	KR	Construction of tunnel pipe was completed in the summer of 2012. Additional work is required in order to achieve adequate flows.		
20	Ordway Feedyard, LLC > Raw Water Line Extension Project C150349	Crowley	\$ 2,525,000	100%	May 13 - Nov 13	90%	AM	Grant funds have been spent in full. Construction of pipeline is nearly complete.		
21	Overland Ditch and Reservoir Company > Overland Reservoir Rehabilitation C150206	Delta	\$ 1,130,000.00	50%	Permitting	0%	KR	Project on-hold until fens can be addressed in enlarged reservoir area.		
22	Owl Creek Reservoir Company > Owl Creek Reservoir Rehabilitation C150089	Weld	\$ 1,125,000.00	99%	On Hold	0%	TF	The Company received bids and does not have enough funds to complete the project. The Company has expended approximately \$450,000 to-date for permitting, soils, and design and will need an additional \$600,000 to complete the project. A project partner is being sought.		



## Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Construction		Status Description/Update
Borrower/Project	County	Amount	Status	Design	Start/End	Status	PM	
23 Penrose Water District > Water Rights Purchase and Pipeline Installation C150237	Fremont	\$ 8,844,570.00	80%		Oct 10 - July 14	50%	KR	Water rights purchased in 2005. Water court application filed in 2006. Brush Hollow Res. Closing in 2011. Ark river well field purchased in 2012. Final design underway. Construction fall 2013 thru 2014
24 Pisgah Reservoir and Ditch Company > Mount Pisgah Dam/Wrights Reservoir Rehab C150341	Teller	\$ 161,345	75%		Spring 14 - Jan 15	0%	JH	After SEO design review, scope of Project increased.
25 Platte Valley Irrigation Company > Equalizer Reservoir Project C150235	Weld	\$ 2,388,650.00	100%		Nov 10 - Jul 13	5%	KR	
26 Riverside Ditch and Allen Extension Company > Ditch System Rehabilitation C150301	Chaffee	\$ 186,345.00	85%		Jul 10 - Dec 13	80%	KR	Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the fall 2013. Utilizing NRCS La Junta Fid office for design.
27 Riverside Reservoir and Land Company > Riverside Reservoir Spillway Enlargement C150291	Weld	\$ 2,838,100.00	80%		Sep 10 - Jan 15	0%	JH	The engineer is re-evaluating design options with support from the SEO.
28 Roxborough Water & Sanitation Dist. > Raw Water Supply Project C1503346	Douglas	\$ 18,538,550	99%		Oct 13 - Jun 14	0%	AM	Project Bill (SB-181) approved.
29 Sanchez Ditch and Reservoir Company > Sanchez Reservoir Outlet Rehabilitation Project C150342	Costilla	\$ 1,128,776	20%		2014 - 2015	0%	AM	Project is in final design phase.
30 Santa Maria Reservoir Company > Siphon and Canal System Rehabilitation Project C150350	Hinsdale/ Mineral	\$ 1,405,163	100%		2014 - 2015	0%	AM	Construction was delayed until the 2014 construction season due to forest fires in the area.
31 Terrace Irrigation Co > Spillway Replacement Project C150332	Conejos	\$ 2,724,721	100%		Jul 12 - Jul 13	99%	KR	Construction by ASI Contractors is complete. ASI presented claim for \$700K additional work. Denied by TIC and URS. Waiting for SEO final approval
32 Thunderbird W&S Dist > Lambert Ranch Water Rights Purchase C150320	Douglas	\$ 318,150.00	100%		N/A	0%	KR	Closing has been delayed until 2013 due to easement access to purchased wells.
33 Tri-County Water Conservancy District > Ridgway Reservoir Micro Hydro Project C150324	Ouray/ Mont/ Delta	\$ 13,130,000	100%		Jul 12 - Dec 13	80%	KR	Construction is underway with energy production expected by October 2013. Project Bill funding now available to Dist.

Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Design		Construction		Status Description/Update
Borrower/Project		County	Amount	Status	Start/End	Status	PM			
34	Twenty Two Road Lateral Company > Twenty Two Road Lateral Replacement Project C150344	Mesa	\$ 517,848	100%	Jan 13 - May 13	99%	KR	Construction complete. SC scheduled for mid 2014.		
35	Union Ditch Company > Well Augmentation Project C150127	Weld	\$ 312,595.00	75%	Sep 06 - Jan 14	80%	KR	One recharge pond at the Miller Feedlot Site was completed with an accompany diversion structure on the Union Ditch.		
36	Upper Arkansas Water Conservancy District > Reservoir Rehabilitation C150192	Chaffe/ Custer	\$ 3,520,000.00	100%	Jun 05 - Jan 14	90%	KR	The project requires Forest Service special use permit and an environmental assessment prior to construction. The initial phase of construction was awarded to ASI, Buena Vista, CO, and completed in May 2007. The enlargement effort is delayed due to NEPA permitting		

Projects Under Contract SubTotal = \$ 108,570,089

Projects Not Under Contract

a	Southeastern CO Water Conserv. District > Arkansas Valley Conduit	Crowley	\$ 60,600,000	In Contracting	KR	Pending Federal Appropriation
b	Lake Durango Water Authority > Source Water Supply Project C150317	LaPlatta	\$ 2,525,000	In Contracting	KR	A condition of contract approval is to have an agreement in place for use of the Outlet Tower in Lake Nighthorse
c	McDonald Ditch Company > Ditch Diversion and Headgate Replacement C150334	Rio Grande	\$ 101,000	In Contracting	JH	Increased in Sept 2013.
d	Town of Ridgway > Lake Otonowanda Rehabilitation Project C150340	Ouray	\$ 606,000	In Contracting	KR/ JH	
e	Greeley, City of > High Park Fire Restoration Project C150347	Larmier	\$ 2,020,000	In Contracting	KR/ JH	To be deauthorized in November of 2013.
f	San Luis Valley Water Conservancy District > Anaconda Ditch Water Right Acquisition C150348	Alamosa	\$ 839,000	In Contracting	AM	

# Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Design		Construction		Status Description/Update
Borrower/Project				County	Amount	Status	Start/End	Status	PM	
g	Missouri Heights - Mountain Meadows Irrigation Company > Irrigation Ditch lining Project C150351			Eagle/ Garfield	\$ 454,500		In Contracting		KR	
h	Boxelder Basin Regional Stormwater Authority > Larimer and Weld Canal Crossing Structure Project C150352			Larmier/ Weld	\$ 1,010,000		In Contracting		AM	
i	Boxelder Basin Regional Stormwater Authority > East Side Detention Facility Project C150353			Larmier/ Weld	\$ 7,171,000		In Contracting		AM	
j	Grand Mesa Water Conservancy District > Peak Res. & Blanche Park Res. Rehabilitation C150354			Delta	\$ 227,250		In Contracting		AM	
k	Two Rivers Water & Farming Company > Arkansas Storage Facility C150355			Huerfano/ Cucharas	\$ 9,999,000		In Contracting		AM	To be deauthorized in November of 2013.
l	Bellyache Ridge Metro District > Well Replacement Project C150356			Eagle	\$ 169,175		In Contracting		AM	
m	Boulder & Lefthand Irrigation Company > Tracy Lateral Pipeline C150357			Boulder	\$ 159,075		In Contracting		JH	Waiting on final easements from landowner.
n	Fowler, Town of > Augmentation Pipeline Project C150359			Otero	\$ 277,245		In Contracting		AM	
o	East Mesa Water Company > Ditch Piping Project C150360			Pitkin/ Garfield	\$ 555,500		In Contracting		KR	
p	Lone Cabin Ditch & Reservoir Company > Lone Cabin Dam Rehab. Project C150361			Delta	\$ 252,800		In Contracting		KR	
q	Greeley & Loveland Irrigation Company > Irrigation System Improvements C150362			Larimer	\$ 3,154,230		In Contracting		JH	

Design and Construction Status Report

Current Projects in Design or under Construction			Loan		Design		Construction		Status Description/Update
Borrower/Project			County	Amount	Status	Start/End	Status	PM	
r	Petrocco Family Limited Partnership > Water Rights Purchase C150363	Adams/ Weld	\$	840,825	In Contracting	JH			
s	Huerfano County Water Conservancy District > Regional Augmentation Project C150364	Huerfano	\$	2,222,000	In Contracting	AM			
t	Santa Maria Reservoir Company > Continental Dam Spillway Rehabilitation Project C150365	Hinsdale/ Mineral	\$	3,071,633	In Contracting	AM			
u	Windsor, Town of > Kyger Reservoir Project C150366	Larimer/ Weld	\$	4,545,000	In Contracting	JH			Project may be delayed due to flood damage. May not delay contracting though.
v	Lamar, Town of > Raw Water Transmission Line Replacement C150367	Prowers	\$	792,850	In Contracting	AH			

Not Under Contract SubTotal = \$ 101,593,083

Grand Total = \$ 210,163,172

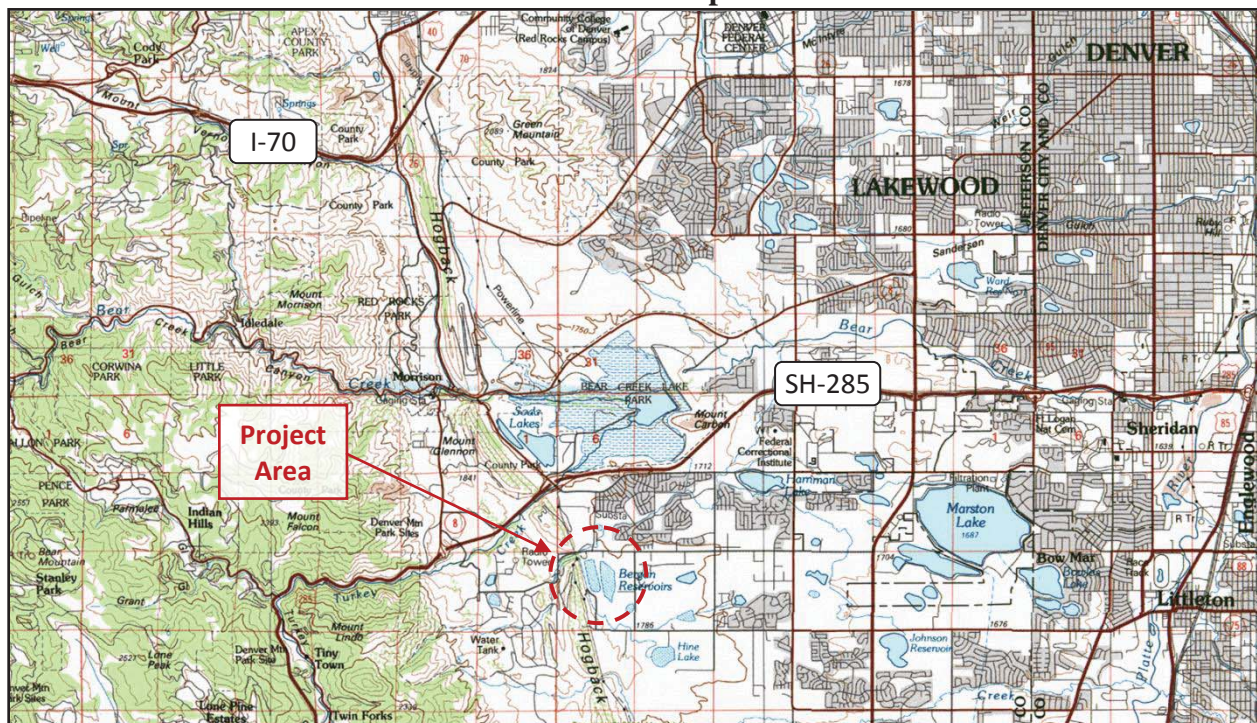
C150344

### Water Project Loan Program – Project Data Sheet

<b>Borrower:</b>	Bergen Ditch & Reservoir Company	<b>County:</b>	Jefferson
<b>Project Name:</b>	Bergen Reservoir No. 2 Rehabilitation	<b>Project Type:</b>	Dam Rehabilitation
<b>Drainage Basin:</b>	South Platte, District 9	<b>Water Source:</b>	Turkey Creek
<b>Total Project Cost:</b>	\$2,225,000	<b>Funding Source:</b>	Construction Fund
<b>Type of Borrower:</b>	Blended - (64% high-income muni, 36% middle-income muni)	<b>Avg. Annual Diversion:</b>	800 AF
<b>CWCB Loan:</b>	\$2,020,000 (w/ 1% service fee)	<b>Interest Rate:</b>	3.15%
		<b>Term:</b>	30 years

The Bergen Ditch and Reservoir Company utilizes Bergen Ditch to divert water off Turkey Creek and deliver it to shareholders through a series of open and piped ditches, reservoirs, pumps and pipelines. The Company owns three reservoirs, Bergen No.1, Bergen No. 2 and Polly Deane. Bergen No. 2 was originally constructed in 1874. The dam has an ongoing history of slumping and seepage issues. In 2007 the dam's outlet works were damaged and temporary repairs were made in 2009. Ongoing SEO inspection reports have monitored seepage, stability, erosion and outlet concerns over recent years. Following the latest inspection report the SEO verbally recommended the Company consider rehabilitation of the dam or face the possibility of a storage level restriction. This project consists of full replacement of the outlet works and rehabilitation of the dam.

#### Location Map





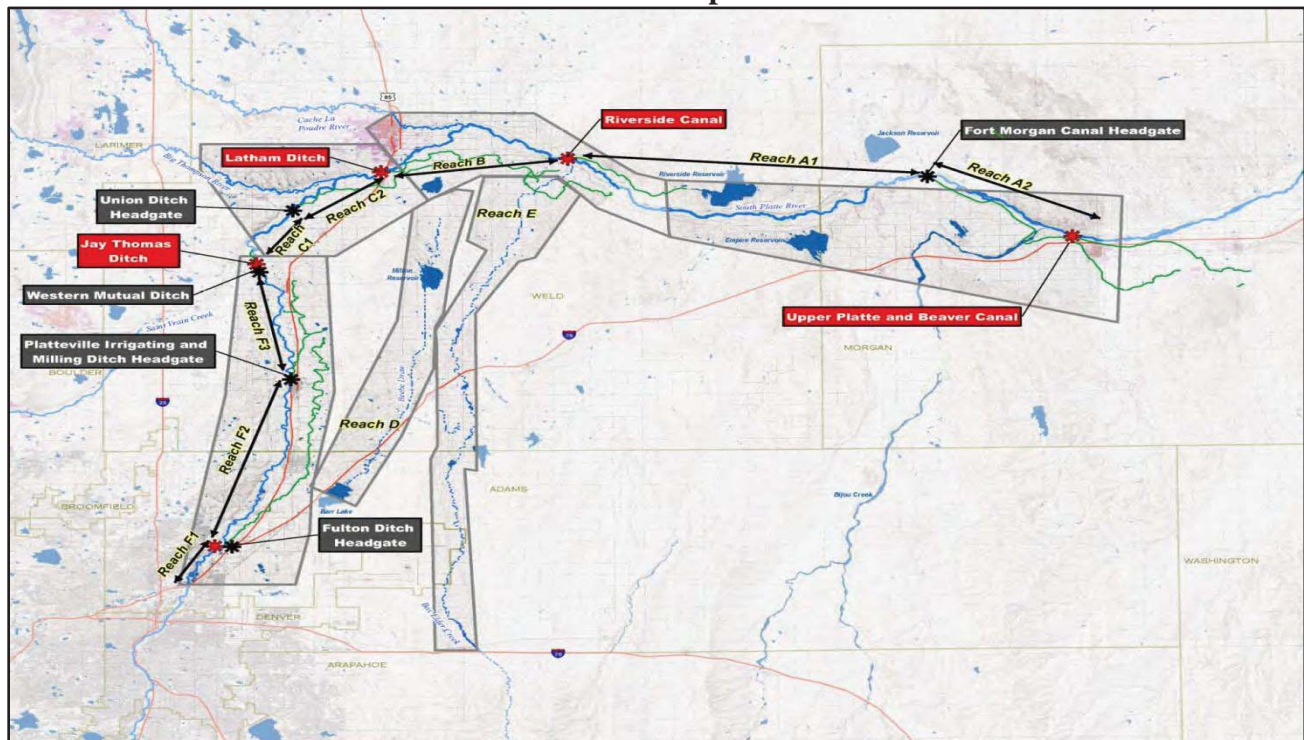
C150337

### Water Project Loan Program – Project Data Sheet

<b>Borrower:</b>	Well Augmentation System of the Central Colorado Water Conservancy District	<b>County:</b>	Weld, Adams, Morgan		
<b>Project Name:</b>	Water Rights Purchase & Gravel Pit Storage Project	<b>Project Type:</b>	Water Rights Purchase & Augmentation Facility		
<b>Drainage Basin:</b>	South Platte	<b>Water Source:</b>	South Platte Basin		
<b>Total Project Cost:</b>	\$3,333,400	<b>Funding Source:</b>	Construction Fund		
<b>Type of Borrower:</b>	Agricultural	<b>Annual Depletions Covered:</b>	20,400 AF		
<b>CWCB Loan:</b>	\$3,030,000 (w/ 1% service fee)	<b>Interest Rate:</b>	1.75%	<b>Term:</b>	30 years

The Well Augmentation Subdistrict (WAS) of the Central Colorado Water Conservancy District is located in Adams, Weld, and Morgan counties. WAS is a special district created by the Weld County District Court on January 8, 2004, pursuant to the applicable provisions of the “Water Conservancy Act”, Section 37-45-101, C.R.S. It has the power to acquire and sell water rights, construct and operate facilities, exercise eminent domain, levy taxes, and contract with other agencies. WAS has operated an augmentation plan since 2004, covering approximately 78 square miles and 214 predominantly agricultural member wells. WAS has an average annual depletion of 20,400. WAS has requested a loan for purchasing more water and storage rights to enable WAS to issue a pumping quota to member wells for the first time since 2006. The WAS General Fund will cover the remaining project expenses.

### Location Map

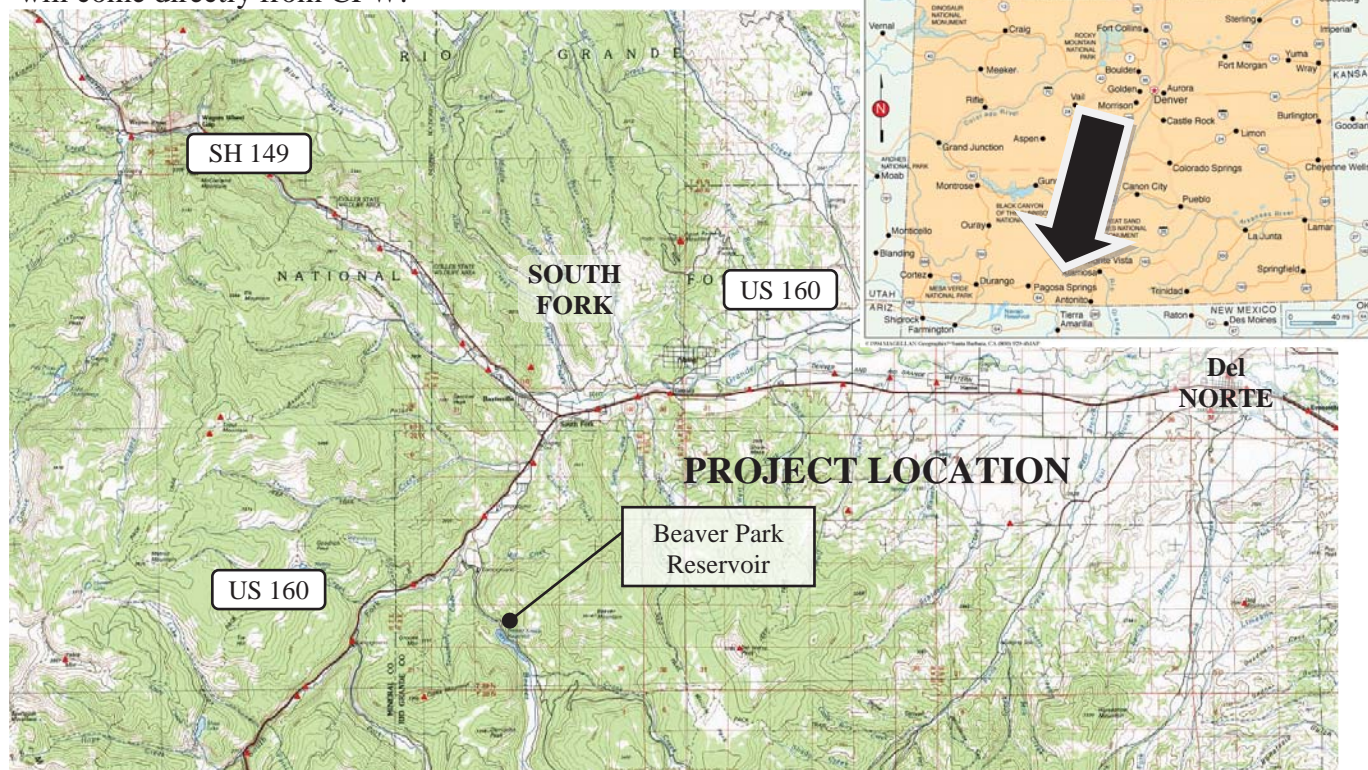


C150343

### CWCW Water Project Loan Program Project Data Sheet

**Borrower:** Colorado Parks and Wildlife**County:** Rio Grande**Project Name:** Beaver Park Dam**Project Type:** Reservoir Rehabilitation**Drainage Basin:** Rio Grande Basin**Water Source:** Beaver Creek**Total Project Cost:** \$15,939,606**Funding Source:** Construction Fund**Type of Borrower:** State Agency**Average Annual Diversion:** 4,434 AF**Restricted Capacity Reclaimed:** 2,201 AF**CWCB Loan:** \$10,000,000**Interest Rate:** 0%    **Term:** 30-year

Colorado Division of Parks and Wildlife (CPW) is applying for a loan for the Beaver Park Dam Rehabilitation Project (Project). Beaver Park Reservoir (Reservoir) was originally constructed in 1914 and provides for general recreation, fishing, and water storage. In 2010, a sinkhole along the left abutment was observed by the State Engineer's Office (SEO), which resulted in the SEO placing a 20 foot fill restriction on the Reservoir. The restriction resulted in the Reservoir's capacity being reduced from 4,758 to 2,557 acre-feet. To remove the restriction, CPW intends to construct a downstream filter/drain system, an upstream high density liner, and a spillway chute. The total Project cost for the alternative selected is \$15,939,606. The General Assembly authorized CPW for a \$10,000,000 loan, at a 0% interest rate, through the 2012 Projects Bill (SB12S-002) to assist in constructing the Project, contingent upon final loan approval by the Colorado Water Conservation Board (CWCB). The remaining funds to construct the Project will come directly from CPW.





## Water Project Loan Program – Project Data Sheet

**Borrower:** Crystal Lakes Water and Sewer Association

**County:** Larimer

**Project Name:** Lower Lone Pine Reservoir Enlargement

**Project Type:** Reservoir Enlargement

**Drainage Basin:** South Platte, District 1

**Water Source:** North Lone Pine Creek  
(tributary to Cache la Poudre River)

**Total Project Cost:** \$2,600,000

**Funding Source:** Construction Fund

**Type of Borrower:** Lower-Income Municipal

**Avg. Annual Diversion:** 271 AF

**CWCB Loan:** \$2,363,400 (w/ 1% service fee)

**Interest Rate:** 4.00% **Term:** 30 years

The Crystal Lakes Water and Sewer Association (Association) is requesting a loan to enlarge Lower Lone Pine Lake Reservoir from 10.5 AF to 100.5 AF. The enlargement will be used to store Upper Lone Pine Reservoir (no yet constructed) water rights in Lower Lone Pine Reservoir for the purpose of augmentation of well water consumption for residences of Crystal Lakes. The Crystal Lakes subdivision, a private community located in Larimer County, was established in 1969 and includes 1,656 lots distributed over 4,800 acres. More than 800 residences are currently served by the Association. The decreed augmentation plan specifically links the allowable use of water to the amount of augmentation water held in storage. Without increased storage capacity the community is likely to face routine water restriction. No change in use of the Upper Lone Pine Reservoir rights has been requested, only an alternate place of storage.

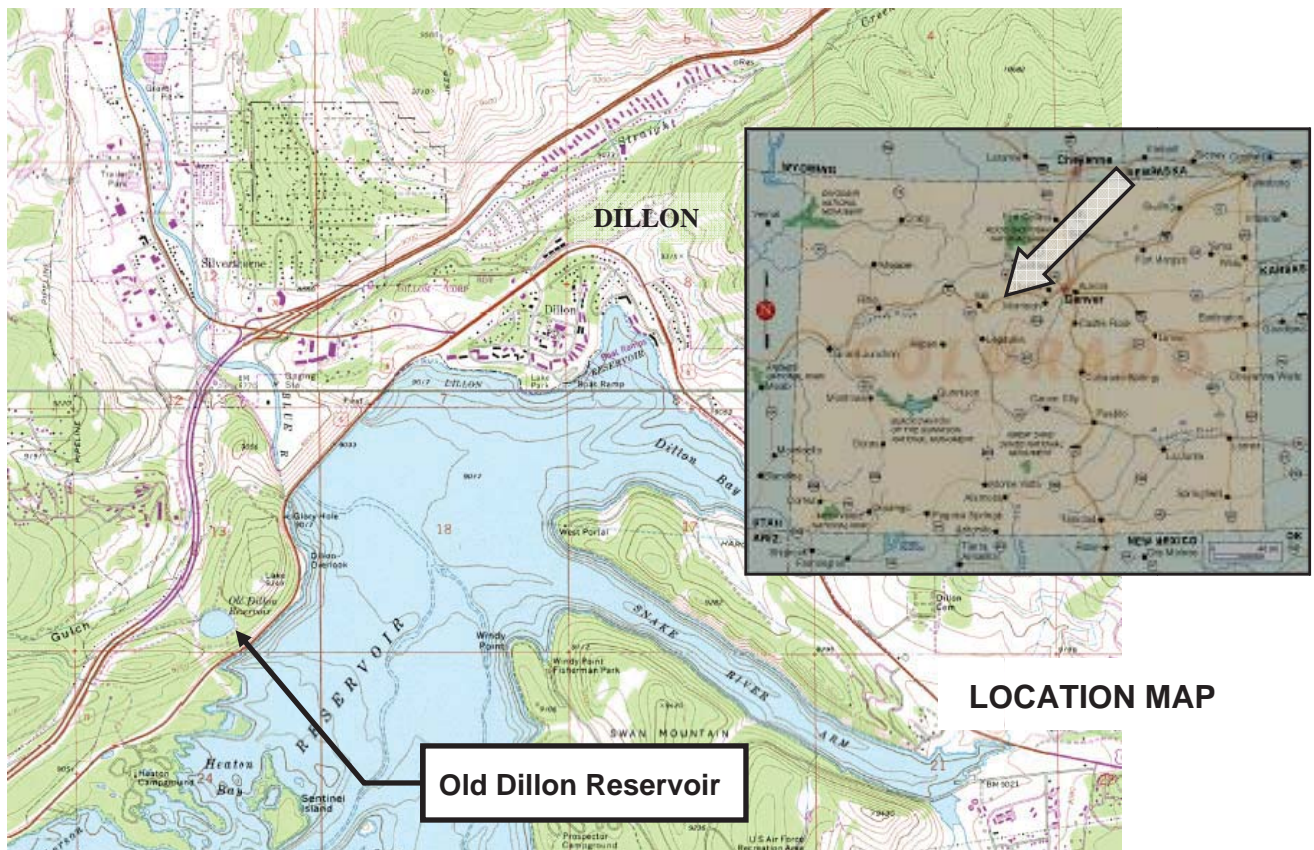
### Location Map



## CWCB Construction Loan Program Project Data Sheet

**Borrower:** Town of Dillon**County:** Summit**Project Name:** Old Dillon Reservoir Enlargement **Project Type:** Reservoir Enlargement**Drainage Basin:** Colorado River**Water Source:** Salt Lick Gulch**Total Project Cost:** \$6,315,000 Total Cost  
\$1,667,000 Town's Portion**Funding Sources:** Construction Fund**Type of Borrower:** Municipal Middle Income**Average Delivery:** 321 AF**New Storage:** 109 AF (Restricted + New)**Loan Amount:** \$1,515,000 (Including 1% fee)**Interest Rate:** 4.0% **Term:** 30 years

The Town of Dillon is applying for a loan to participate in the enlargement of the Old Dillon Reservoir. In 2004, the Town, Summit County and Town of Silverthorne signed an agreement to enlarge the reservoir. The Town's participation cost is approximately 27% of the construction costs and 20% of the Engineering costs. The Town and the County initiated a feasibility study in 1995. The Reservoir was originally constructed as a 46 AF raw water storage reservoir filled via the Dillon Ditch, which diverts from Salt Lick Gulch. The Reservoir site is southwest of the Dillon Reservoir Dam. In the summer of 2008, the SEO issued an order to drain the Reservoir due to concerns over the integrity of the north dam. The Reservoir is currently not available for storage. Permitting is underway and construction of the enlargement is scheduled to occur in 2010.



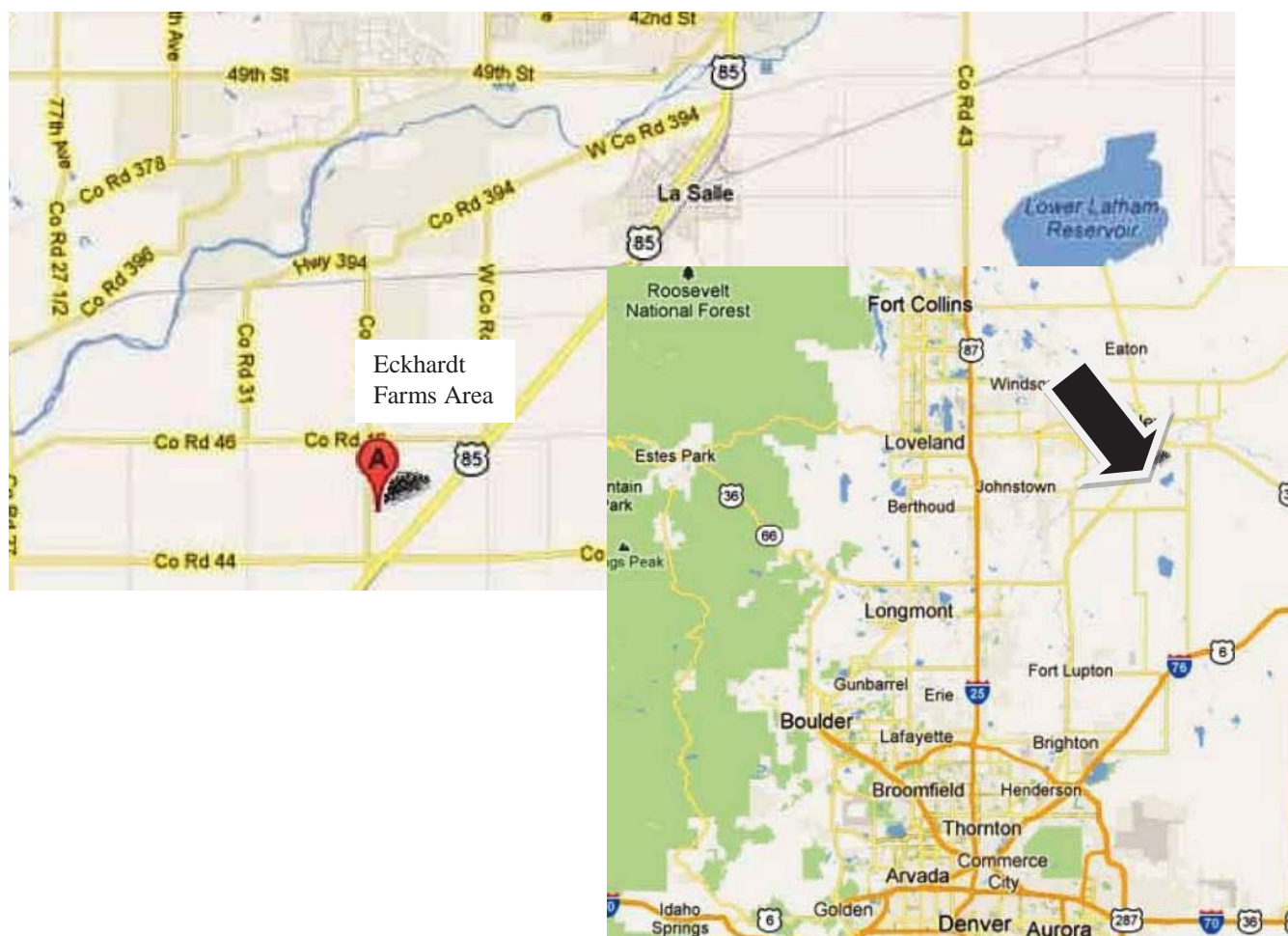


C150338

### CWCB Water Project Loan Program Project Data Sheet

**Borrower:** Eckhardt Farms Inc.**County:** Weld**Project Name:** Water Rights Purchase**Project Type:** Water Rights Purchase**Basin:** South Platte **District:** 1**Water Source:** Western Mutual Ditch**Total Project Cost:** \$1,470,000**Funding Source:** Construction Fund**Type of Borrower:** Agricultural**Average Annual Diversion:** 694 AF**CWCB Loan:** \$1,336,230 (w/ 1% service fee) **Interest Rate:** 1.75% **Term:** 30-years

Eckhardt Farms Inc. is located in Weld County near LaSalle, Colorado. The farming Corporation has been incorporated since 1993. It farms 3,000 acres and generates revenues from crops of hay, wheat, corn, sugar beets, onions, and pinto beans. In the past, the Corporation was able to irrigate with well water. The wells it used are part of Central Colorado Water Conservancy District's – Well Augmentation Subdistrict and have not been able to be pumped since 2005. Since that time the Corporation has been leasing shares in the Western Mutual Ditch Company. Through this loan, the Corporation intends to purchase the water it has been leasing for the past seven years and continue to use it for agricultural production.



C150314

### CWCB Water Project Loan Program Project Data Sheet

**Borrower:** Farmers' High Line Canal and Reservoir Company

**County:** Adams/Jefferson

**Project Name:** System Rehabilitation

**Project Type:** Ditch Rehabilitation

**Drainage Basin/District:** South Platte / 7

**Water Source:** Clear Creek

**Total Project Cost:** \$2,430,000

**Funding Source:** Construction Fund

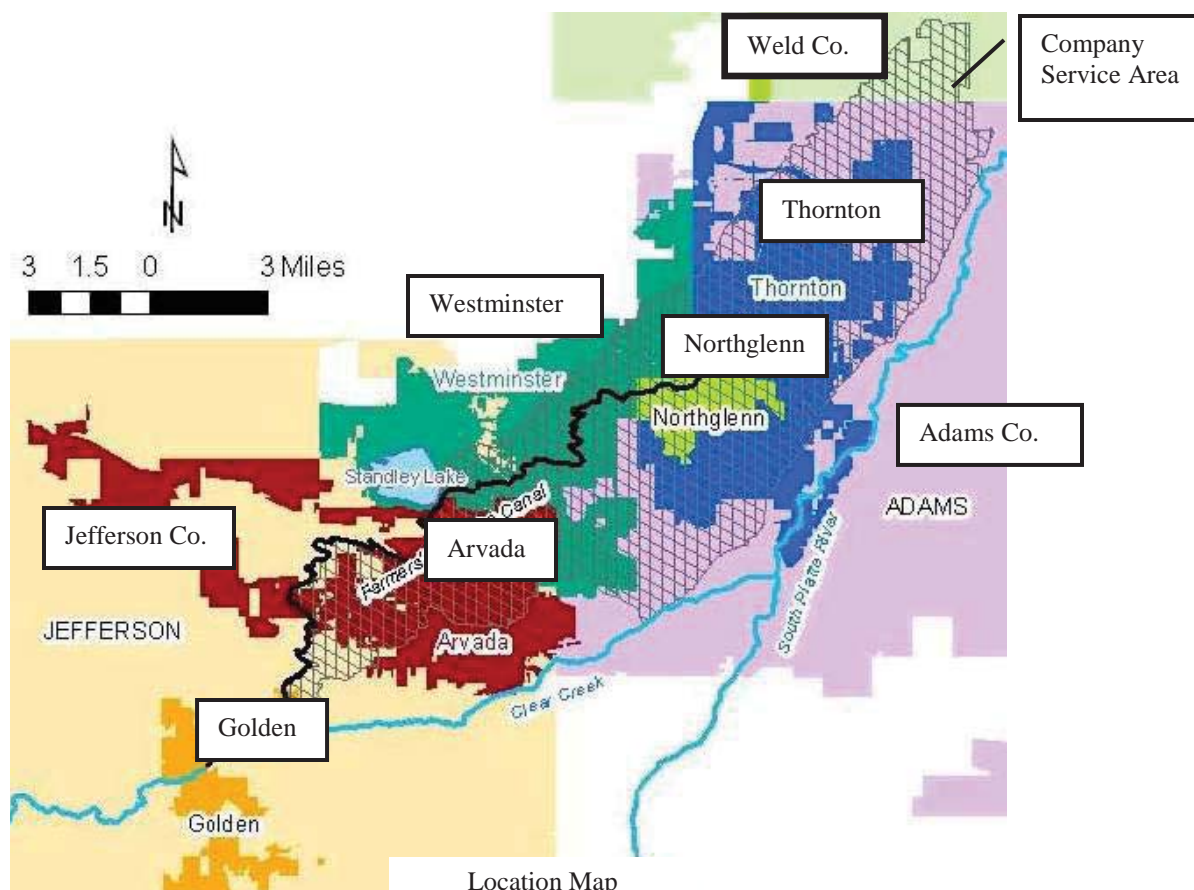
**Type of Borrower:** Municipal

**Water Delivery:** 24,000 AF/yr

**CWCB Loan:** \$2,209,597 (incl. 1% loan fee)

**Interest Rate:** 4.65%    **Term:** 30 years  
(Blended rate)

The Farmers High Line Canal and Reservoir Company (Company) is a ditch company that was established in 1885. It diverts water off of clear creek and it delivers water through a 31 mile canal running from Golden to Northglenn, through Arvada and Westminster. The Company has completed a canal evaluation and engineering planning study and identified a list of improvements it intends to do with the CWCB loan proceeds. These items include: replacement of corroded drain pipes, replacement of three siphons, headgate rehabilitation, SCADA control system installation at the headgate, diversion dam rehabilitation, and tree removal along the ditch. This work is expected to be completed between the fall of 2010 through the winter of 2014.



Location Map



## Water Project Loan Program – Project Data Sheet

**Borrower:** Fisher Ditch Company

**County:** Denver

**Project Name:** Ditch Infrastructure Improvements

**Project Type:** System Rehabilitation

**Drainage Basin:** South Platte, District 7

**Water Source:** Clear Creek

**Total Project Cost:** \$500,000

**Funding Source:** Construction Fund

**Type of Borrower:** Blended  
(middle-income muni, high-income muni, commercial)

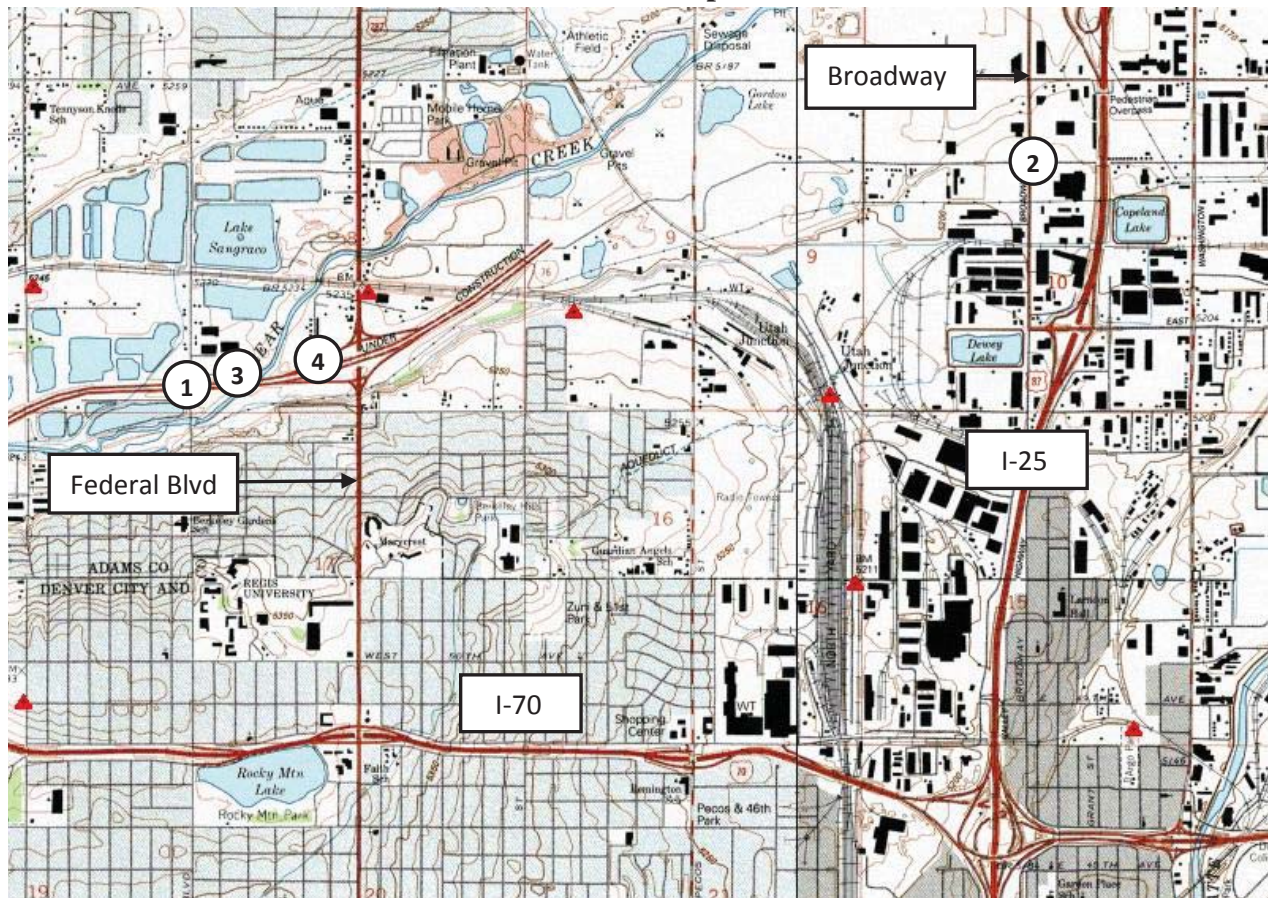
**Avg. Annual Diversion:** 7,623 AF

**CWCB Loan:** \$454,500 (w/ 1% service fee)

**Interest Rate:** 5.95%    **Term:** 30 years

The Fisher Ditch Company (Company) utilizes the Fisher Ditch to supply water to its 28 shareholders for the purpose of irrigation, augmentation and industrial uses. The ditch has been in place for over 100 years and annual maintenance of its aging infrastructure is becoming a burden and inhibiting its ability to provide a reliable supply of water. The Company is requesting a loan from the CWCB for four system rehabilitation tasks: 1) headgate rehabilitation, 2) replacement of 650 LF of damaged CMP with RCP, 3) installation of a sand-out pipe and gate, and 4) burying 1,500 LF of open ditch with plastic irrigation pipe. This Project will restore reliable water deliveries while reducing annual maintenance costs.

### Location Map





**CWCB Water Project Loan Program  
Project Data Sheet**

**Borrower:** Town of Georgetown  
(Water and Sewer Enterprise)

**County:** Clear Creek County

**Project Name:** Outlet Works Modification Project **Project Type:** Dam Rehabilitation

**Drainage Basin/District:** South Platte / 7

**Water Source:** Clear Creek

**Total Project Cost:** \$3,275,000

**Funding Source:** Construction Fund

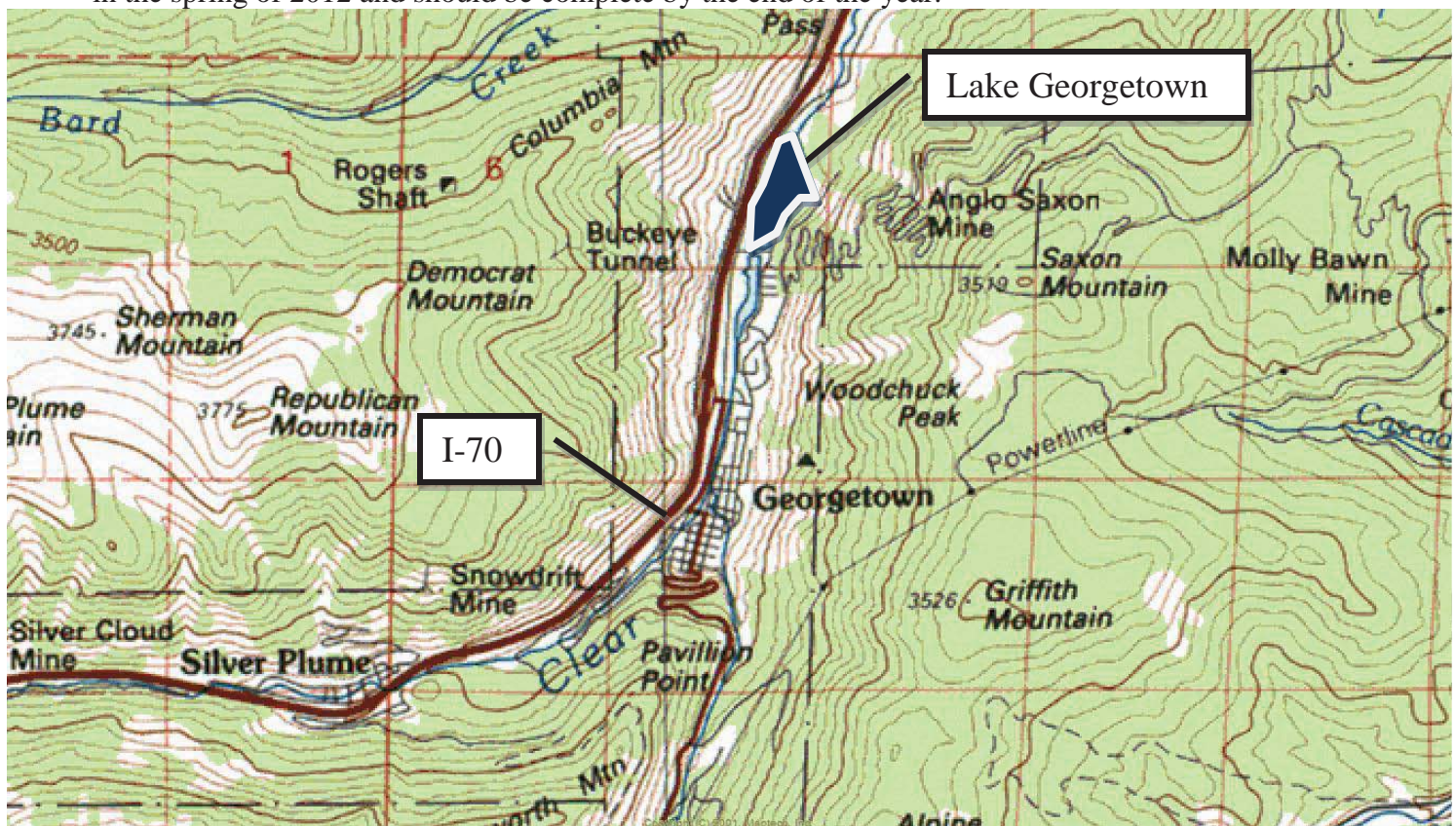
**Type of Borrower:** Middle-Income Municipal

**Average Diversion:** 208 AF

**CWCB Loan:** \$2,976,975 (w/ 1% service fee)

**Interest Rate:** 4.5% **Term:** 30 years

The Town of Georgetown is located on Clear Creek, along the I70 corridor, east of the continental divide. The Town needs to increase the outlet works capacity at Georgetown Lake Dam. The outlet works currently can release up to 260 cfs. In order to comply with an October 2010 court order regarding Georgetown Lake operations, up to 500 cfs must be released so the Town can meet the terms of its augmentation plan. The CWCB loan will be used to pay for the engineering costs and for the construction costs associated with the outlet works project. Construction is expected to begin in the spring of 2012 and should be complete by the end of the year.

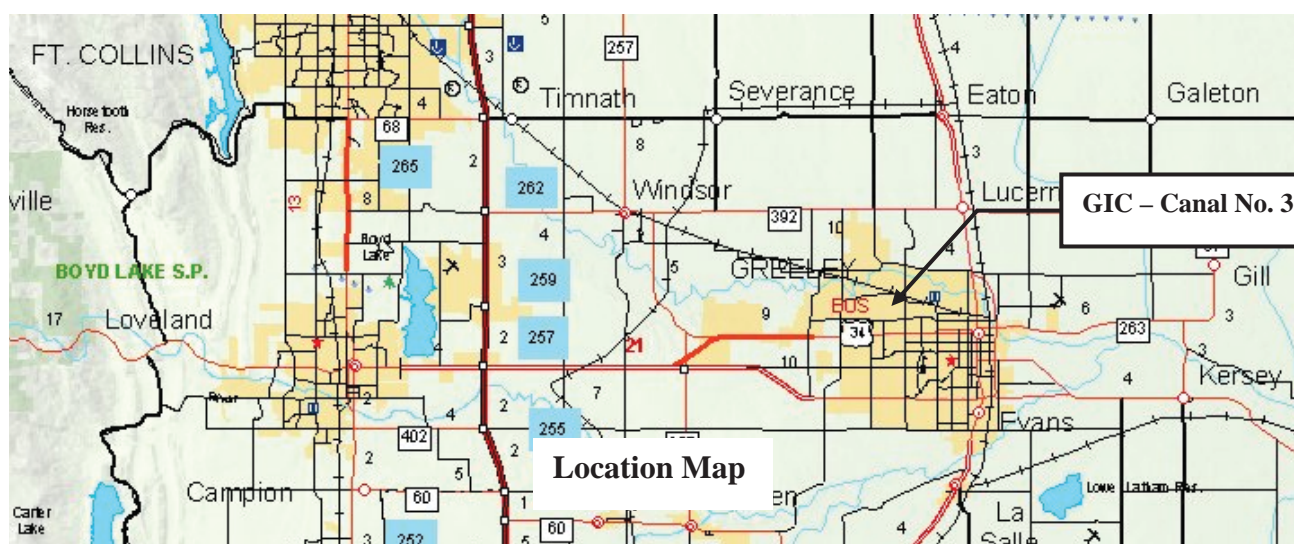




## Water Project Construction Loan Program - Project Data

<b>Borrower:</b> Greeley Irrigation Company	<b>County:</b> Weld
<b>Project Name:</b> Greeley Canal No. 3	<b>Project Type:</b> Ditch Rehabilitation
<b>Drainage Basin:</b> South Platte	<b>Water Source:</b> Cache La Poudre River
<b>Total Project Cost:</b> \$2,457,500	<b>Funding Sources:</b> CWCB, GIC
<b>Type of Borrower:</b> Agricultural/Municipal	<b>Aver. Delivery:</b> 18,000 acre-feet
<b>CWCB Construction Fund Loan:</b> \$2,233,867 (incl. 1% loan fee)	<b>Interest Rate:</b> 2.85% <b>Term:</b> 30 years

GIC provides irrigation water to a service area of 2,367 acres in Weld County, generally within the City of Greeley and east of the City. GIC operates the Greeley Canal No. 3, constructed in 1870 by the Union Colony. In 1875, the Union Colony deeded an undivided 3/8ths interest in the Canal to the then Town of Greeley. In 1882, the GIC was incorporated and the Union Colony quit-claimed its remaining 5/8ths interest in the Canal to GIC. About 1,100 acres of the 3,500 original irrigated acres have been subject to dry-up, and water converted to augmentation use. Present canal usage is roughly 1/3 City of Greeley, 1/3 agricultural irrigation, and 1/3 augmentation. GIC facilities consist of a river diversion structure, approximately 13 miles of earthen canal, check structures, delivery headgates, spill structures, trash screens, and other minor structures. A portion of these facilities are in need of repair, upgrades, or replacement. GIC diverts water from the Cache la Poudre River west of Greeley and the canal terminates east of approx. 12 miles downstream. Average annual headgate diversions are 18,678 acre-feet. GIC also receives about 1300-1400 acre feet annually from Fossil Creek Reservoir. Combined delivery from direct flow diversions and storage is about 18,000 AF. The GIC Board is undertaking a number of phased improvements to the canal including: 1) repairs to, and partial replacement of, the river diversion; 2) piping or lining of portions of the canal; 3) consideration of canal automation using supervisory control and data acquisition (SCADA) equipment; 4) tree removal and tree pruning; 5) canal realignment, reshaping, and straightening; and 6) removal or repair of selected headgates and installation of new headgates. This is the first step of a phased canal modernization, that would have the effect of improving overall canal operations and operational efficiency; increasing consistency of shareholder headgate deliveries; decreasing operational liabilities; and reducing unnecessary operational spills.

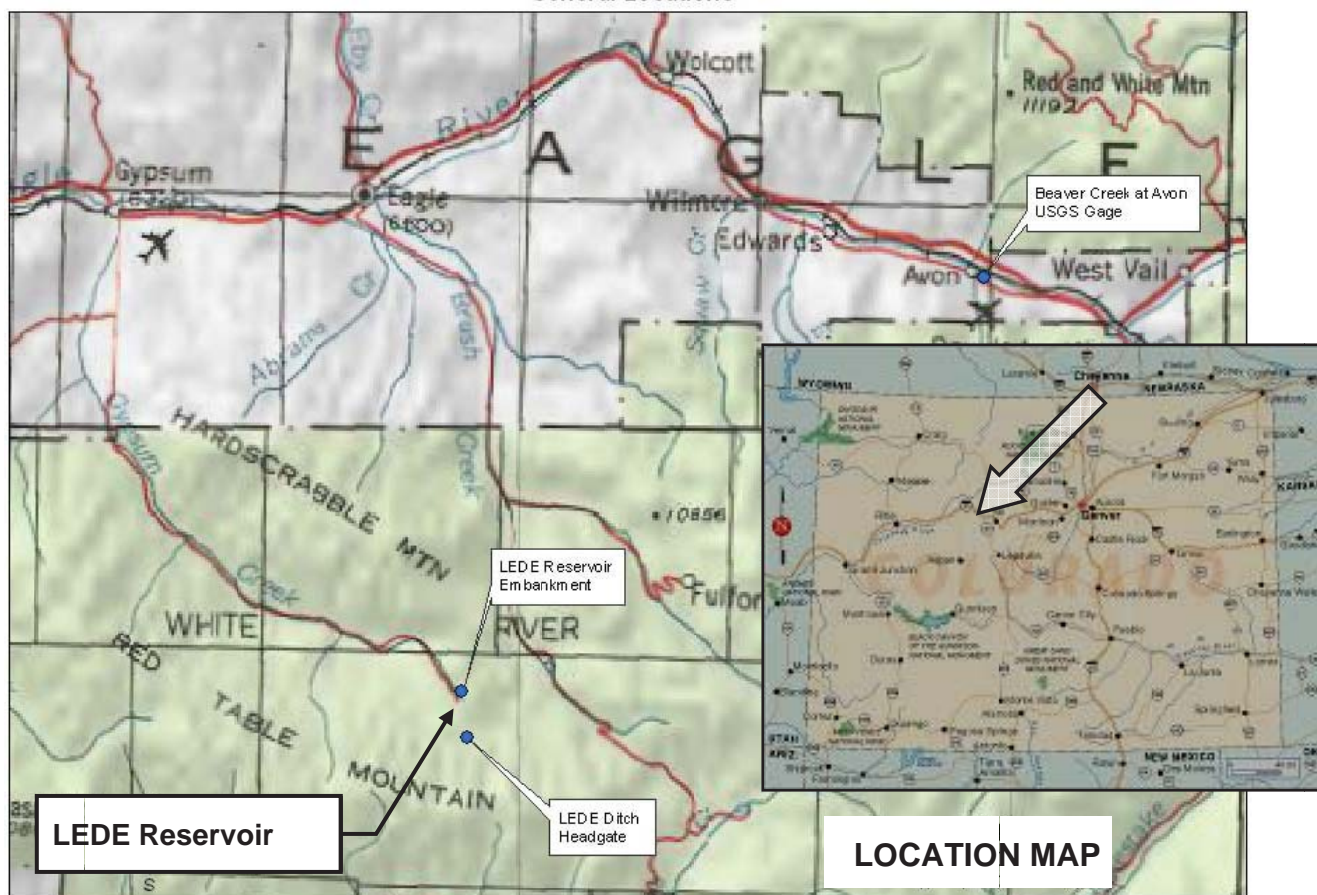


# **CWCB Construction Loan Program Project Data Sheet**

**Borrower:** Town of Gypsum**County:** Eagle**Project Name:** LEDE Ditch & Reservoir  
Upgrade Project**Project Type:** Reservoir Rehabilitation**Drainage Basin:** Colorado River**Water Source:** Gypsum Creek**Total Project Cost:** \$3,162,000**Funding Sources:** Construction Fund**Type of Borrower:** High Income Municipal**Average Delivery:** 1,200 AF**New Storage:** 254 AF**Loan Amount:** \$2,689,731 (Including 1% fee)**Interest Rate:** 4.5%      **Term:** 30 years

The Town of Gypsum purchased the LEDE Ditch and LEDE Reservoir water rights in 2006. The original water rights are decreed for irrigation uses, and provide storage for up to 947 AF in the reservoir. The Reservoir was built to a capacity of 431 AF. The Town seeks to increase capacity to 685 AF in order to accommodate continued agricultural irrigation, and for future water supplies to the Town. This upstream storage is required to assist in managing Gypsum Creek water rights calls and dry year operations. The reservoir storage will become even more important as the Town's population continues to increase. The Town wishes to repair and improve the reservoir to utilize its potential, and to protect valuable senior storage rights in the reservoir. The reservoir is located in the headwaters of Gypsum Creek, south of Gypsum within the White River National Forest. Design and permitting is expected to occur in 2009/2010 with pipeline construction starting in late 2009 and dam construction starting in 2011.

## **General Locations**





## CWCB Construction Loan Program Project Data Sheet

**Borrower:** Joseph W. Bowles Reservoir Company **County:** Jefferson

**Project Name:** Bowles Reservoir No. 1 Dam Rehab **Project Type:** Reservoir Rehabilitation

**Drainage Basin:** South Platte

**Water Source:** Bear Creek

**Total Project Cost:** \$1,874,000

**Funding Sources:** Construction Fund

**Type of Borrower:** Blended Ag & Municipal  
& Commercial

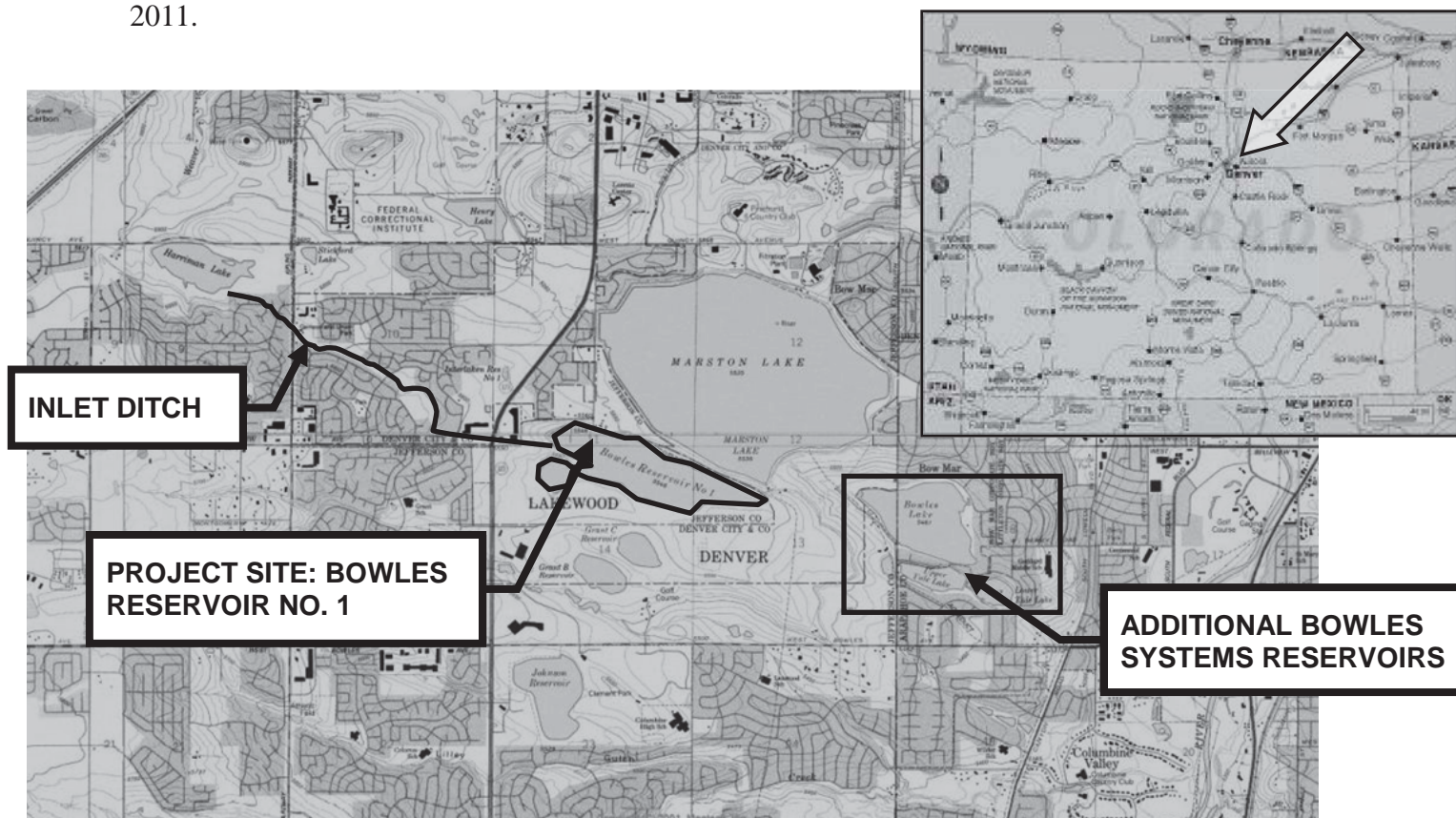
**Average Delivery:** 900 AF

**Loan Amount:** \$1,703,870 (Including 1% fee)

**Interest Rate:** 4.65%

**Term:** 30 years

The Joseph W. Bowles Reservoir Company (Company) owns and operates Bowles No. 1 Reservoir, located in the southwest metropolitan area of Denver. The Company was formed in 1906 and currently has 50 shareholders who use the water for golf courses, parks, open space, and some individual ranches for irrigation water. The Company is applying for a loan to implement several repairs to correct dam-safety deficiencies and improve the long-term performance of Bowles No. 1 Dam and to rehabilitate the deteriorating reservoir inlet ditch. The dam rehabilitation includes widening the crest, reconstructing the upstream slope, and installing a seepage collection and toe drain system on the downstream slope. Work on the inlet ditch includes removing trees, reconstructing the ditch cross section and alignment, placing slope protection in high erosion areas, and installing a flow control pipe that will provide for discharge of excessive ditch flows into an existing spillway and drainage structure. The Company plans on submitting the final design to the SEO by February 2010 and beginning construction in August 2010 with completion by February 2011.



# CWCB Water Project Loan Program Project Data Sheet

# C150358

**Borrower:** Henrylyn Irrigation District

**County:** Weld

**Project Name:** Prospect Reservoir Dam Facing Project

**Project Type:** Reservoir Rehabilitation

**Drainage Basin/ District:** South Platte / 1

**Water Source:** South Platte River

**Total Project Cost:** \$3,264,400

**Funding Source:** Construction Fund

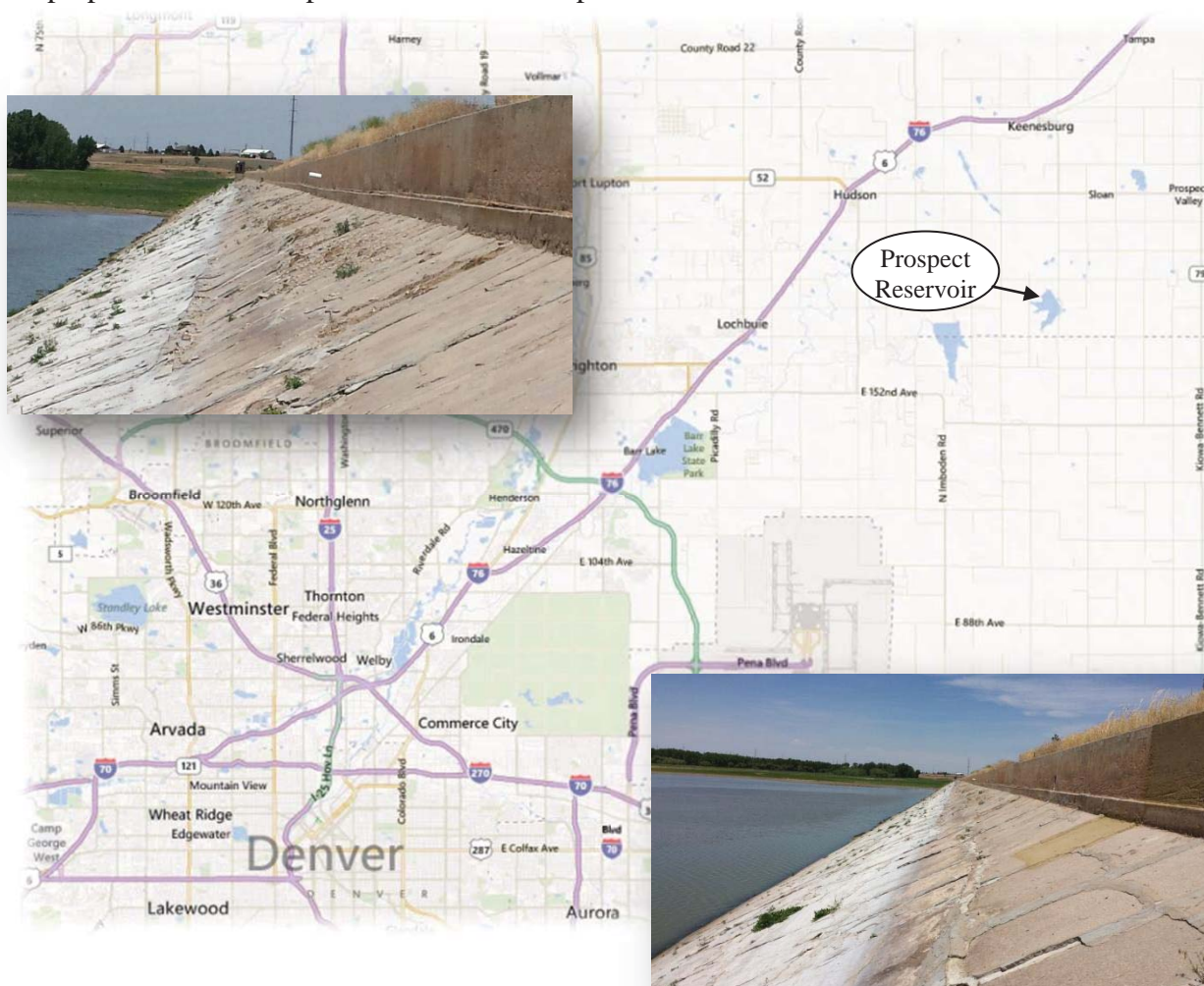
**Type of Borrower:** Agricultural

**Average Annual Diversion:** 39,950 AF

**CWCB Loan:** \$2,967,279  
(with 1% service fee)

**Interest Rate:** 1.75% **Term:** 30-years

The Henrylyn Irrigation District was formed in 1907 under the Irrigation District Law of 1905. The District consists of 32,745 acres of irrigated farm land in Weld County. Their service area starts about 2 miles west of Hudson and extends generally east and south along I-76, to about 9 miles east of Keenesburg. Prospect Reservoir is an off-stream reservoir constructed in 1914 and has a Significant Hazard Large (Class 2) Dam with a height of 45 feet, a crest width of 18 feet, and a length of 5,300 lineal feet. The Prospect Reservoir Dam Facing Project will increase the erosion protection and dam stability by replacing a deteriorating concrete face at a 2:1 slope with a riprap face at a 3:1 slope. Construction is expected to commence in the fall of 2013.



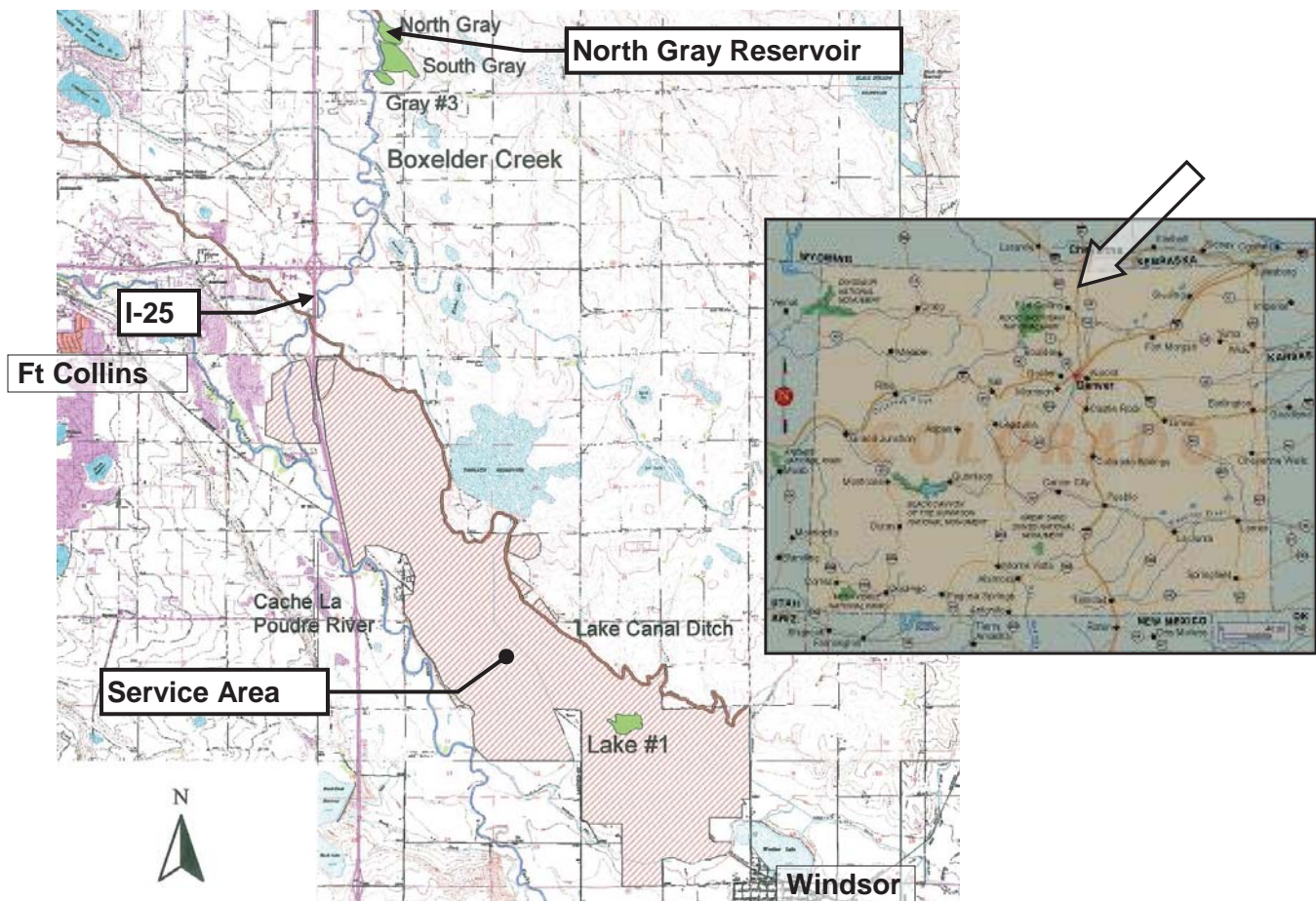


## CWCB Construction Loan Program Project Data Sheet

**Borrower:** Lake Canal Reservoir Company**County:** Larimer and Weld**Project Name:** North Gray Reservoir  
Rehabilitation**Project Type:** Reservoir Rehabilitation**Drainage Basin:** South Platte River**Water Source:** Box Elder Creek**Total Project Cost:** \$128,300**Funding Sources:** Construction Fund**Type of Borrower:** Blended Agricultural  
Municipal & Commercial**Details:** 333 AF Stored  
75 AF Recovered**Loan Amount:** \$116,625 (Including 1% fee)**Interest Rate:** 2.10% **Term:** 30 years

The Lake Canal Reservoir Company is requesting a CWCB loan to construct a new spillway on North Gray Reservoir. The reservoir is currently under a storage restriction by the Office of the State Engineer (SEO). The existing spillway is a corrugated metal pipe that has corroded through. The existing pipe will be removed and the area will be backfilled. A new concrete cutoff wall and riprap lined channel will be constructed to replace the old spillway. Project design and SEO review is expected to be completed by July 2012. Construction is planned for September through November of 2012.

Note: Because this reservoir is on the SEO's restricted reservoir list and the Company is predominately owned by agricultural interests, this loan qualifies for a 1.0% interest rate reduction. The blended rate of 3.10% was reduced to 2.10%.





**C150336****Water Project Loan Program - Project Data****Borrower:** Left Hand Ditch Company**County:** Boulder**Project Name:** Allen Lake and Lake  
Isabelle Repair Project**Project Type:** Dam Rehabilitation**Drainage Basin:** South Platte, District 5**Water Source:** Left Hand and St. Vrain Creek**Total Project Cost:** \$1,273,000**Funding Source:** Construction Fund**Type of Borrower:** Blended  
(46% ag, 38% mid-muni, 16% high-muni)**Avg. Annual Delivery:** 22,700 AF**CWCB Loan:** \$1,157,157 (incl. 1% loan fee)**Interest Rate:** 2.45%    **Term:** 30 years

The Company diverts water from Left Hand and St. Vrain creeks to provide irrigation water for a 15,000-acre service area in Boulder County. The water delivery system includes an elaborate network of ditches, laterals, reservoirs and headgates. Two of the Company's five reservoirs, Lake Isabelle and Allen Lake, are in need of repair. Lake Isabelle lies within the Indian Peaks Wilderness which is operated by the Forest Service. The outlet works are deteriorated and unreliable. This project will reconstruct the outlet works while placing the control valve at a more accessible location. The second reservoir, Allen Lake, is located just north of Boulder and west of Highway 36. Its dam was constructed at a 2:1 slope, and is even greater in various locations due to years of wave action displacing rip-rap and eroding the dam face. This project will flatten out the slope and re-armor it with rock rip-rap.

**LOCATION MAP**



C150304

### Water Project Loan Program - Project Data

**Borrower:** Lower Latham Reservoir Company      **County:** Weld

**Project Name:** Well Augmentation Proj. (Ph III)      **Project Type:** Water Rights Purchase & Construction of Recharge Facilities

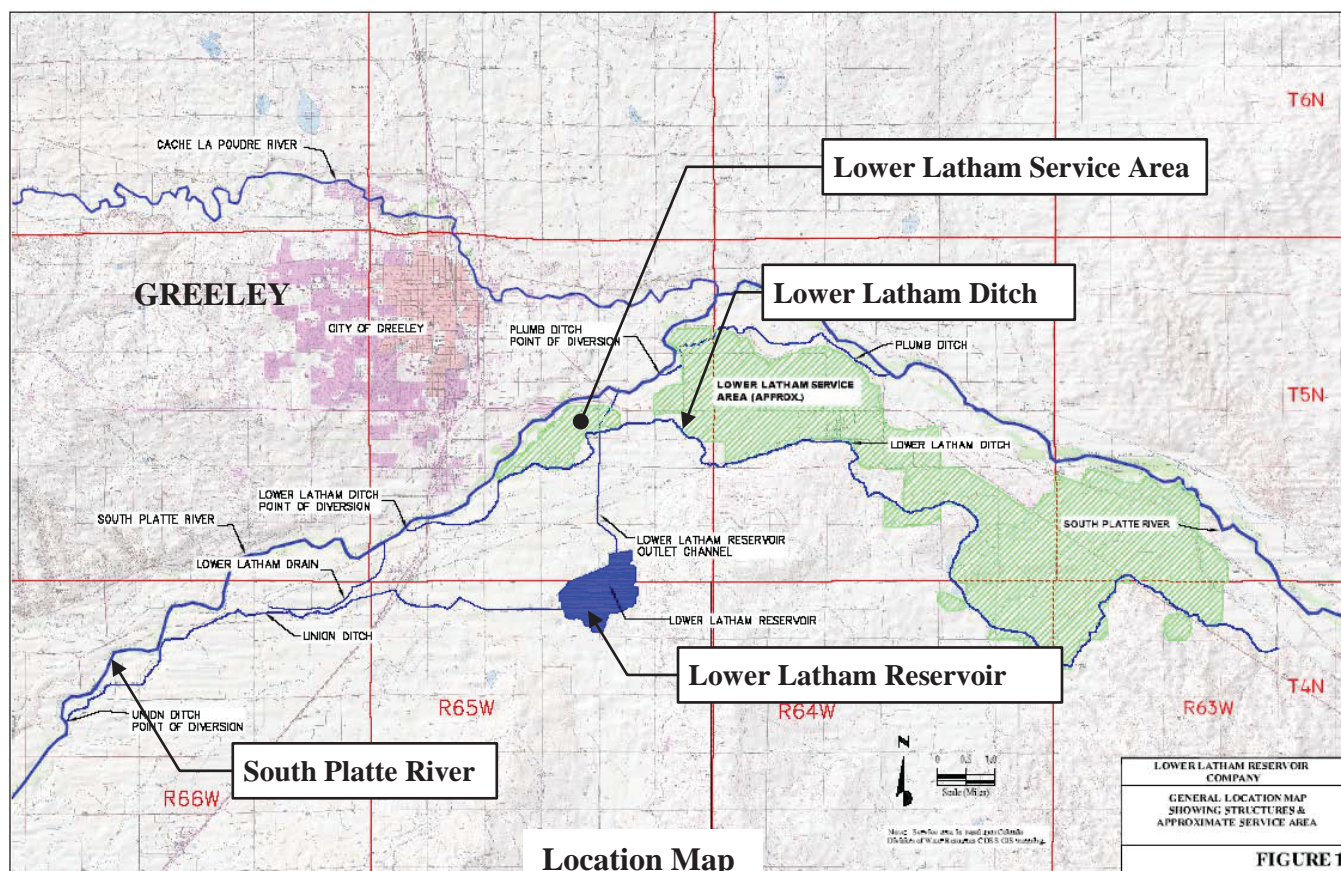
**Drainage Basin:** South Platte      **Water Source:** South Platte River

**Total Project Cost:** \$4,193,150      **Funding Sources:** Construction Fund

**Type of Borrower:** Agricultural      **Aver. Delivery:** 5,705 AF

**CWCB Loan:** \$3,811,573 (incl. 1% loan fee)      **Interest Rate:** 2.75%      **Term:** 30 years

The Lower Latham Reservoir Company (Company) is acquiring five shares of Lower Latham Ditch Company, for the purpose of providing augmentation water for existing shareholder wells. It is also constructing groundwater recharge facilities and other system improvements to utilize these shares and shares acquired in phases I & II of the project (both of which were financed by the CWCB). The Company provides augmentation water for 84 wells in Weld County by replacing out-of-priority pumping depletions. 39 of these wells were formerly in the GASP Augmentation Plan, and the remaining 45 wells are covered in the Augmentation Plan of Central Colorado Water Conservancy District's GMS. The Company is attempting to cover the former GASP wells, and supplement coverage of the GMS wells with their own augmentation plan. In 2003, the Company filed a permanent well augmentation plan that is pending. The Company has concluded that additional replacement sources are necessary to provide sufficient replacement water during extended drought years. A 2010 SWSP for the Company was revised and submitted to the SEO in December 2009.



## Water Project Construction Loan Program-Project Data

**Borrower:** Mancos Water Conservancy District

**Project Name:** Mancos Project

**Project Type:** System Rehabilitation

**County:** Montezuma **Drainage Basin:** San Juan **Water Source:** West Mancos River

**Total Project Cost:** \$6,619,550

**Funding Sources:** Borrower and CWCB

**Type of Borrower:** Agricultural/Municipal

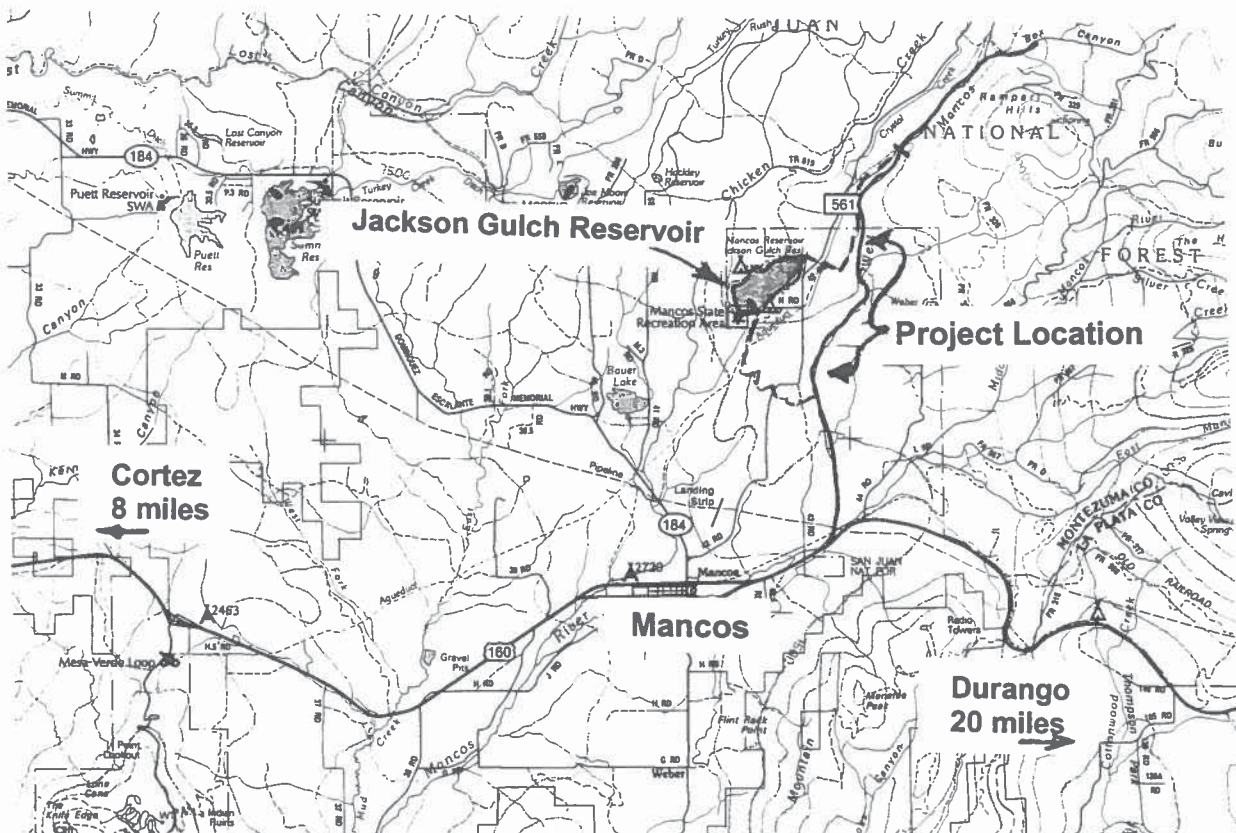
**Median Household Income:** Low

**CWCB Loan:** \$5,486,531

**Interest Rate:** 2.8% **Term:** 30 years

**Annual Volume of Water delivered:** 9,000 acre-feet

The Mancos Water Conservancy District is located in Montezuma county and supplies supplemental and full service irrigation water to a 13,496-acre service area. District facilities were constructed over 50 years ago, and are in need of rehabilitation. The Mancos Water Conservancy District was formed in 1941 under the Water Conservancy Act of 1937. It has the power to acquire water rights, construct and operate facilities, levy taxes, and issue debt subject to the provisions of TABOR. The District has completed the feasibility study. Project funding will come from a \$5,486,531 loan from the CWCB, and the remainder from the District.



Location Map



C150309

### Water Project Loan Program - Project Data

**Borrower:** City of Monte Vista  
(Water Activity Enterprise)

**Project Name:** Augmentation Water Rights  
Acquisition

**Drainage Basin:** Rio Grande

**Total Project Cost:** \$1,863,500

**Type of Borrower:** Low-Income Municipal

**CWCB Loan:** \$1,693,770 (incl. 1% loan fee)

**County:** Rio Grande

**Project Type:** Water Rights Purchase

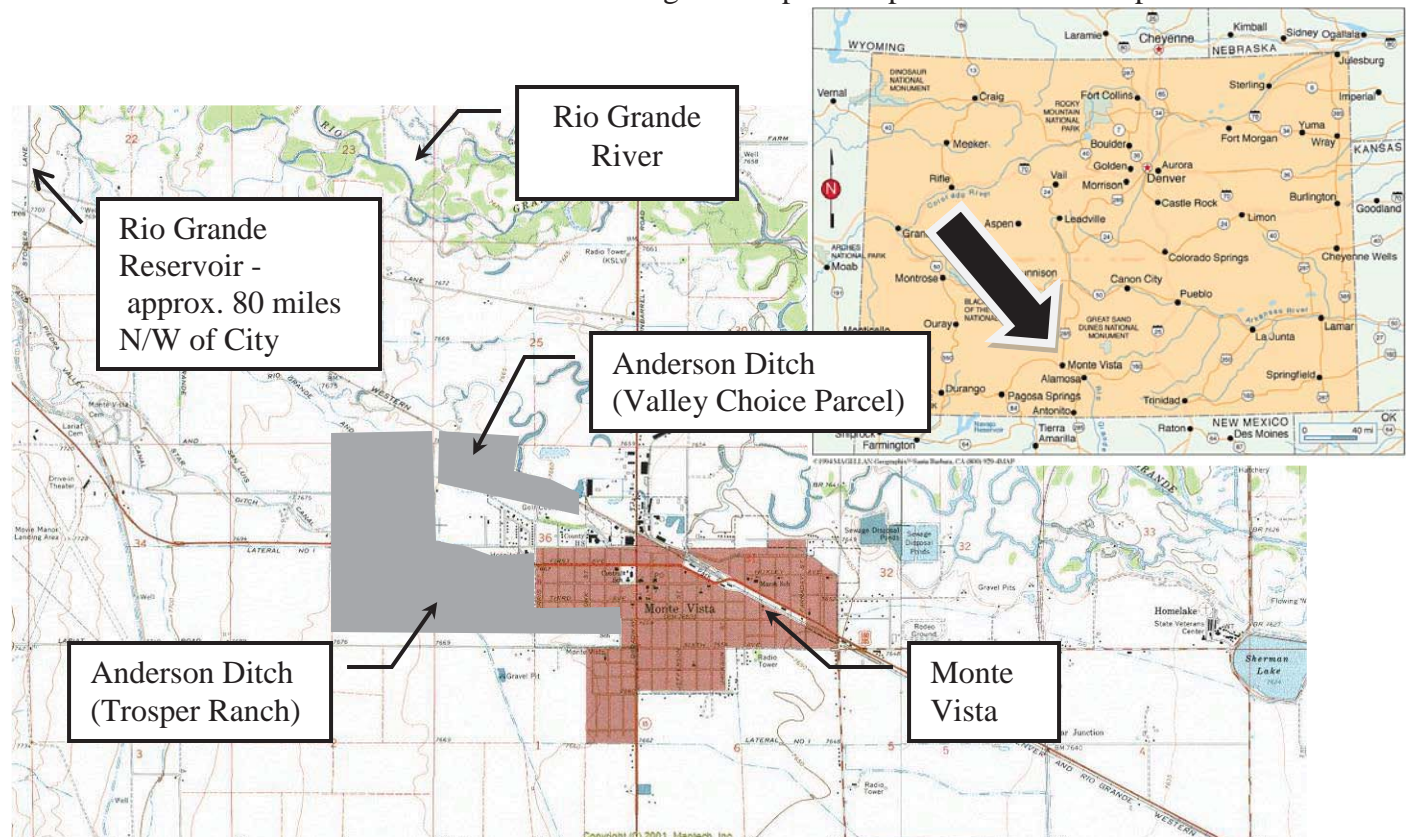
**Water Source:** Rio Grande River

**Funding Source:** Construction Fund

**Aver. Demand:** 1,212 AF/year

**Interest Rate:** 4.0%    **Term:** 30 years

The City of Monte Vista, by and through its water activity enterprise, provides water to 4,300 residents in the San Luis Valley. The City's water system consists of five wells in a confined aquifer and three wells in an unconfined aquifer. Upcoming rules from the Office of the State Engineer will require water users in the San Luis Valley to replace depletions from pumping of wells in both the confined and unconfined aquifers tributary to the Rio Grande River. The water rights currently owned by the City are insufficient to fully replace the City's depletions. The City needs an additional 321 AF of replacement water. In order to meet this need, the City is purchasing Anderson Ditch water rights and storage in the Rio Grande Reservoir to store both the excess credits from the water it is purchasing and to store additional water it intends on leasing. Upon loan approval, the City plans on executing purchase agreements with the sellers of the Anderson Ditch rights and will then file in water court to enable the use of those rights to replace depletions as soon as possible.



Location Map

## Water Project Loan Program – Project Data Sheet

**Borrower:** North Delta Irrigation Company

**County:** Delta

**Project Name:** NDIC Tunnel Repair Project

**Project Type:** Ditch Rehabilitation

**Drainage Basin:** Gunnison River Basin, District 40

**Water Source:** Gunnison River

**Total Project Cost:** \$1,210,000

**Funding Source:** Construction Fund/WSRA

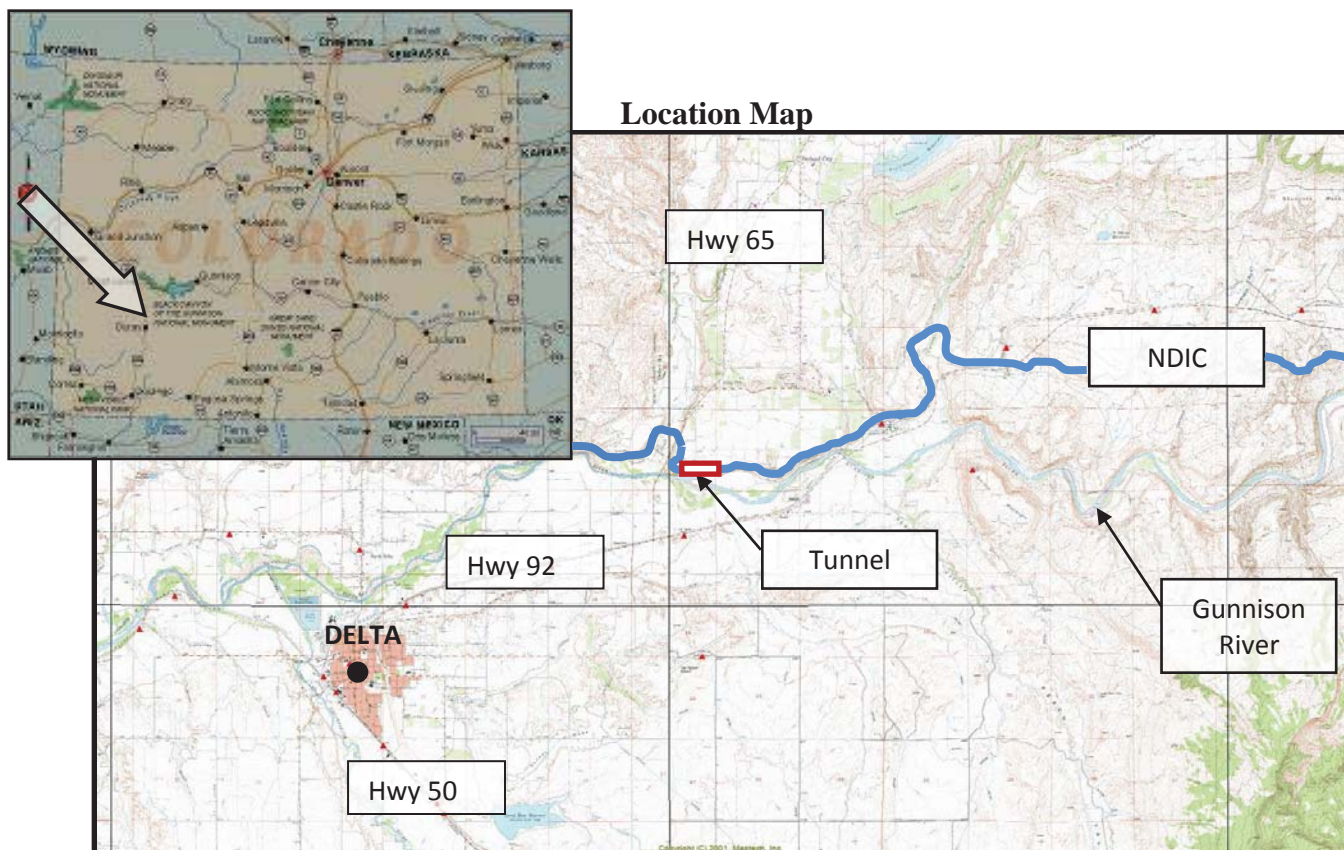
**Type of Borrower:** Blended  
(70% Agricultural, 30% Low-income municipal)

**Avg. Annual Delivery:** 17,735 AF

**CWCB Loan:** \$808,000 (w/ 1% service fee)

**Interest Rate:** 3.10% **Term:** 30 years

The North Delta Irrigation Company is responsible for supplying water to its 174 shareholders for the irrigation of 2,300 acres of land. The water is delivered through the North Delta Irrigation Canal. A two-mile stretch of the twenty-three mile canal is located along the steep hillside paralleling the Gunnison River, and includes three tunnels. The longest tunnel, 1,450 feet in length, experienced a collapse in July 2011, blocking deliveries to 94% of its shareholders. This project will repair the tunnel by removing the blockage, installing 1,500 LF of 54" fused HDPE and underdrain system, and backfilling the HDPE with grout. Additional funding for the project includes an \$800,000 WSRA grant approval from the Gunnison Basin Round Table.





### Water Project Loan Program - Project Data

**Borrower:** Ordway Feedyard, LLC

**County:** Crowley

**Project Name:** Ordway Feedyard Raw Water Line Extension Project

**Project Type:** Pipeline

**Drainage Basin:** Arkansas, District 17

**Water Source:** Groundwater

**Total Project Cost:** \$3,381,500

**Funding Source:** Construction Fund, WSRA, Crowley County, LAVWCD

**Type of Borrower:** Agricultural

**Avg. Annual Delivery:** 500 AF (Feedyard)  
1,000 AF (Ranch)

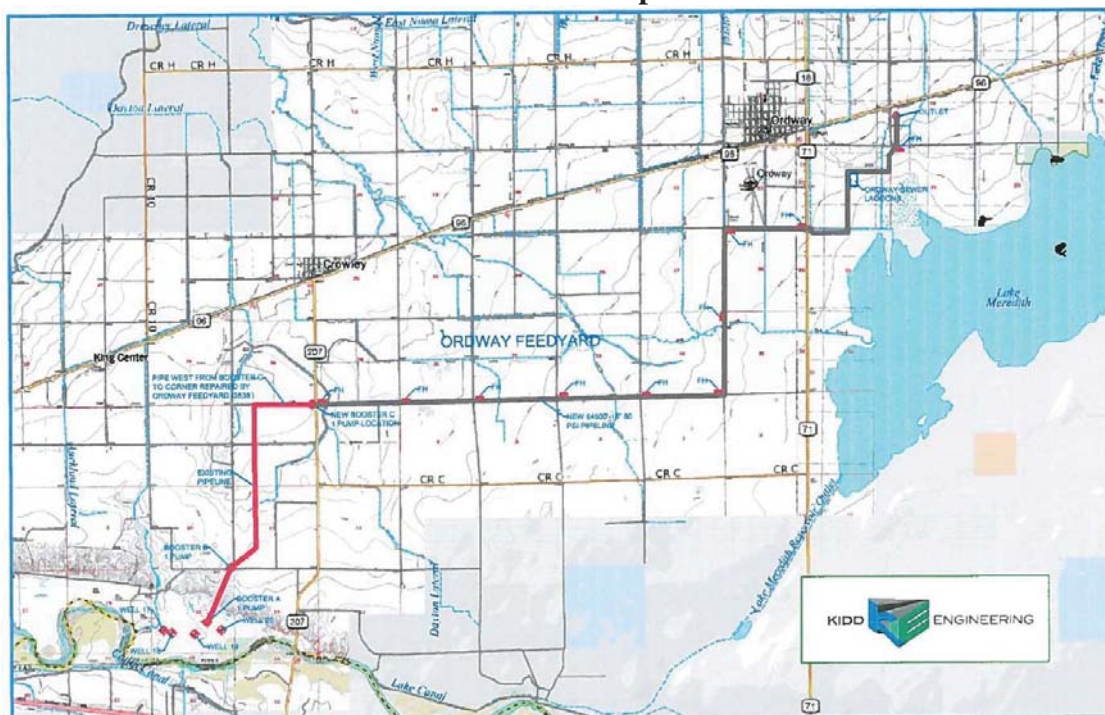
**CWCB Loan:** \$2,525,000 (incl. 1% loan fee)

**Interest Rate:** 1.75%    **Term:** 30 years

**WSRA Grant:** \$275,000 (\$25,000/\$225,000)

The Company utilizes the feedyard to feed and tend cattle until they are market ready. The Company owns both the feedyard and River Ranch. The ranch has 20 existing wells which are decreed for irrigation and stock watering. Currently there is no means to convey water between the ranch and feedyard. This project will secure a more reliable and affordable water supply by completing an infrastructure network capable of delivering high-quality well water from the ranch to the feedyard to augment its dependence on potable (approximately 14 AF per year) and leased water. The water supply enhancements are expected to reduce operational costs and preserve transit and evaporation losses at an estimated rate of 850 AF annually. The economic benefit to Crowley County has made it an active participant in the project, contributing cash and applying for a WSRA grant to assist in funding the Project. The Project consists of two phases. Phase one includes the re-establishment of easements and the rehabilitation of: 4.2 miles of existing pipe line, 4 groundwater wells, and 2 booster stations. Phase two includes installation of the remaining infrastructure necessary to complete the delivery system. Construction is expected to begin in the summer of 2013 with completion by the summer of 2014.

#### Location Map

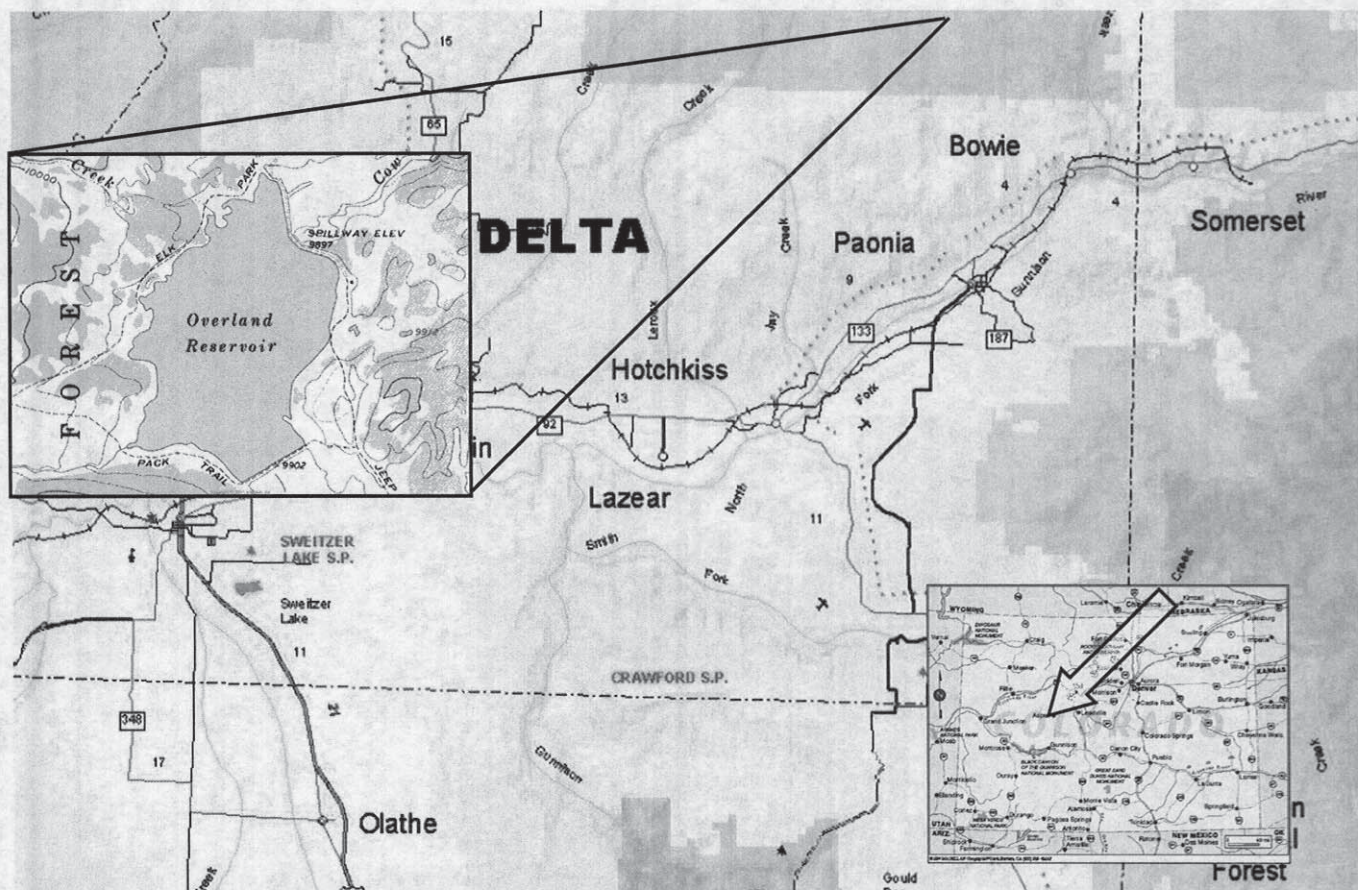




## CWCB Construction Loan Program Project Data Sheet

<b>Borrower:</b> Overland Ditch and Reservoir Co.	<b>County:</b> Delta
<b>Project Name:</b> Overland Reservoir Enlargement	<b>Project Type:</b> Reservoir Enlargement
<b>Drainage Basin:</b> Gunnison River Basin	<b>Water Source:</b> Cow Creek
<b>Total Project Cost:</b> \$1,255,555	<b>Funding Sources:</b> CWCB & Local Bank
<b>Type of Borrower:</b> Agricultural	<b>Average Delivery:</b> 17,000 acre-feet
<b>Loan Amount:</b> \$1,130,000	<b>Interest Rate:</b> 2.5% <b>Term:</b> 30 years

The Overland Reservoir Company is a non-profit mutual ditch company established in the State of Colorado in 1895. The Company owns and operates the Overland Reservoir for the 120 shareholders and delivers an average of 17,000 AF of irrigation water annually. The Reservoir is located in Delta County in the Gunnison National Forest at an elevation of 10,000 feet. The Reservoir has a current storage capacity of 6,200 AF and will be increased to 7,171 AF with this project. The reservoir was built in 1905 and required significant repair work in 1987 by the Company with financial assistance from CWCB and the Bureau of Reclamation. This project consists of raising the spillway elevation by 3.8 feet, installing toe drains, increasing the dam crest width and adding necessary embankment protection. Construction is scheduled to begin in the summer of 2007.



LOCATION MAP



Owl Creek Reservoir Company  
November 20, 2001

Agenda Item 22E

## WATER PROJECT CONSTRUCTION LOAN PROGRAM-PROJECT DATA

**Borrower:** Owl Creek Reservoir Company/J. Gale and Valerie A. Moody

**Project Name:** Owl Creek Reservoir Project      **Project Type:** Rehabilitation

**Drainage Basin:** Owl Creek Tributary      **County:** Larimer      **Water Source:** Owl Creek

**Total Project Cost:** \$1,250,000

**Funding Source:** CWCB

**Type of Borrower:** Agricultural

**Median Household Income:** N/A

**CWCB Construction Fund Loan:** \$1,125,000

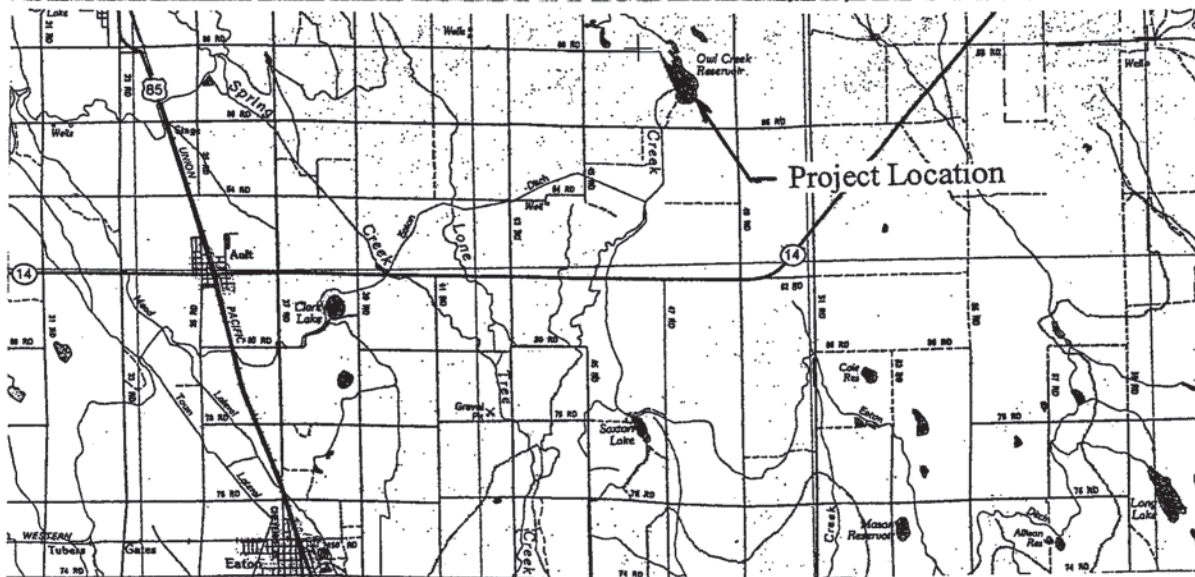
**Interest Rate:** 3.25%

**Term:** 30-years

**CWCB Grant:** \$0

**Reservoir Volume:** 1,200 acre-feet

Owl Creek Reservoir is land located in Weld County, Colorado, approximately 6 miles east and 3 miles north of the Town of Ault. The reservoir was originally constructed in 1896 to store water for irrigation. The dam was constructed of a granular material, that over the years suffered structural damage due to seepage. In 1983 sand boils appeared along the toe of the dam giving evidence that piping was occurring along the dam embankment. Given the condition of the dam embankment and the potential for failure, the dam was intentionally breached in 1983. The proposed project involves rehabilitating the existing facility to meet the State of Colorado's "Rules and Regulations for Dam Safety and Dam Construction", therefore permitting the storage of approximately 1,200 acre-feet of water. The Applegate Group, Inc., has completed preliminary design plans and specifications for the project. Proposed funding for the project consists of a CWCB Construction Fund Loan for \$1,125,000.



Location Map

C150237

## Water Project Construction Loan Program - Project Data

**Borrower:** Penrose Water District (PWD)  
Water Activity Enterprise

**County:** Fremont

**Project Name:** Penrose Raw Water Acquisition  
and Development Project

**Project Type:** Water Rights Purchase and  
Raw Water Pipeline

**Drainage Basin:** Arkansas

**Water Source:** Arkansas – Pleasant Valley Ditch

**Total Project Cost:** \$9,730,000

**Funding Sources:** CWCB, PWD, DOLA

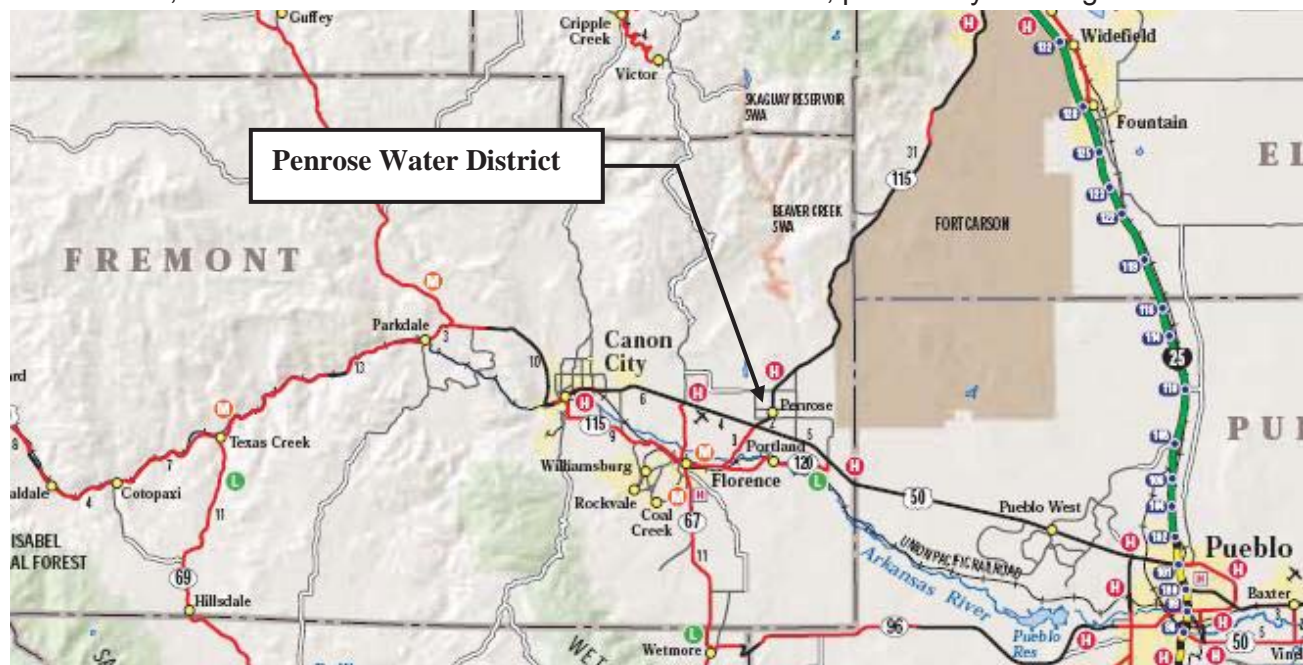
**Type of Borrower:** Municipal/Low

**Aver. Delivery:** 339 AF consumptive use

**CWCB Construction Fund Loan:** \$8,844,570  
(incl. 1% loan fee)

**Interest Rate:** 3.25%    **Term:** 30 years

The PWD currently provides domestic water to approximately 4,000 people with 1,700 taps in and around the Town of Penrose, with existing demand of 489 acre-feet per year. PWD's water supply is obtained by a lease with the Beaver Park Water, Inc. (BPW) who owns and operates Brush Hollow Reservoir. The 1990 lease has a 30-year term, and provides an increasing amount of water each year, 751 AF in 2006, leveling out at 1,000 AF in 2020. In drought years, the amount available to PWD is further reduced below the contract amount. Future build-out demand in 2040 is projected to be 1,200 acre-feet for about 8,000 residents and 3,240 taps. The proposed Enterprise project includes the acquisition of 10/12<sup>th</sup> of the Pleasant Valley Ditch water rights near Howard, with a change in use and change in point of diversion approximately 50 miles downstream to Sec. 13, T19S, R69W. Water will be obtained through the installation of 7 shallow alluvial wells immediately north of the Arkansas River, and then pumped approximately 5.8 miles through a 12-inch transmission line to Brush Hollow Reservoir. As part of the project, Brush Hollow Reservoir will be enlarged by raising the dam four feet. Because of the drought, there has been reduced availability of water from BPW. The project and water rights purchase will supplement the existing BPW lease, and lessen PWD's reliance on BPW leased water, particularly in drought situations.

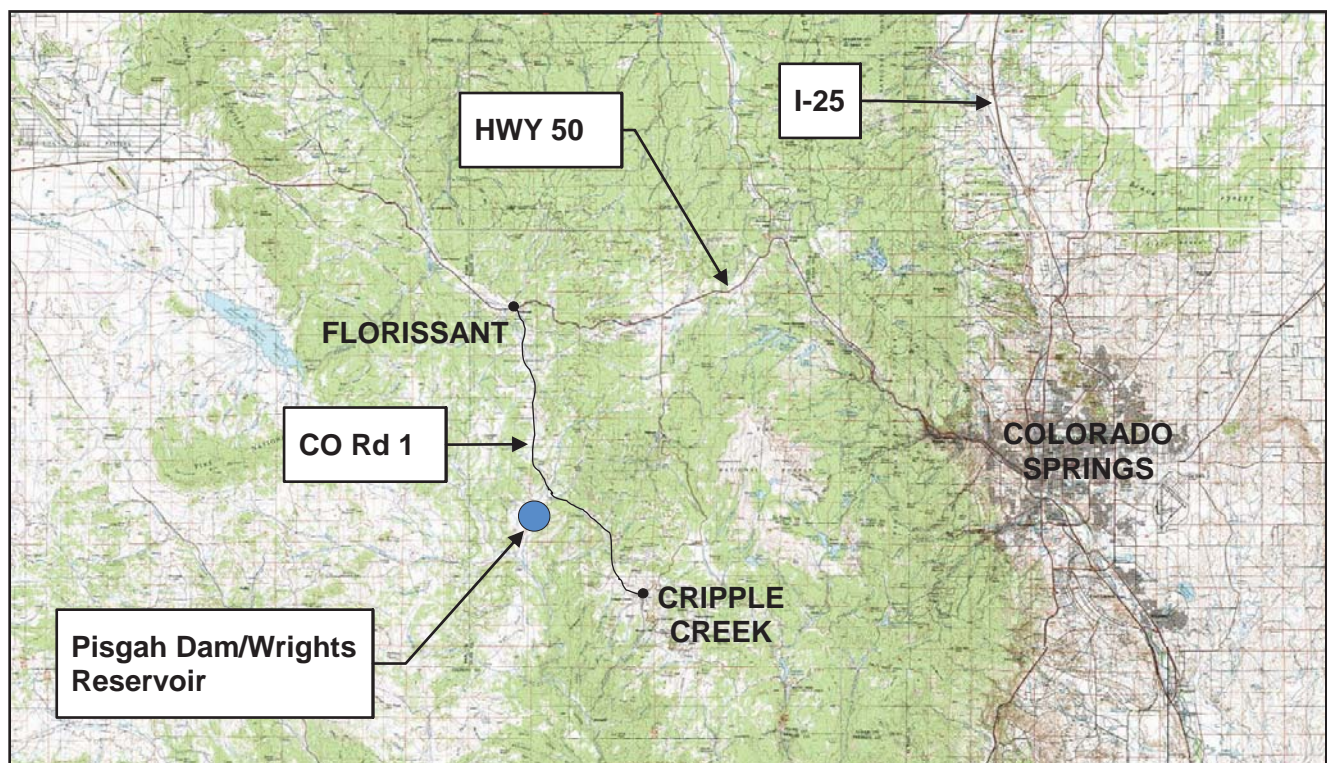


Location Map



**C150341****Water Project Loan Program - Project Data Sheet****Borrower:** Pisgah Reservoir and Ditch Company **County:** Teller**Project Name:** Mt. Pisgah Dam/Wrights  
Reservoir Outlet Works Rehabilitation**Project Type:** Reservoir Rehabilitation**Drainage Basin:** Arkansas River, District 12**Water Source:** Fourmile Creek**Total Project Cost:** \$362,690**Funding Sources:** Construction Fund &  
WSRA Grant**Type of Borrower:** Blended  
(93% Ag, 7% low-income Muni)**Average Water Delivery:** 86,000 AF**Water Storage:** 2,192 AF**Loan Amount:** \$161,345 (Including 1% fee) **Interest Rate:** 1.75% **Term:** 30 years  
**WSRA Grant Amounts:** \$25,000 Arkansas Basin & \$136,345 Statewide

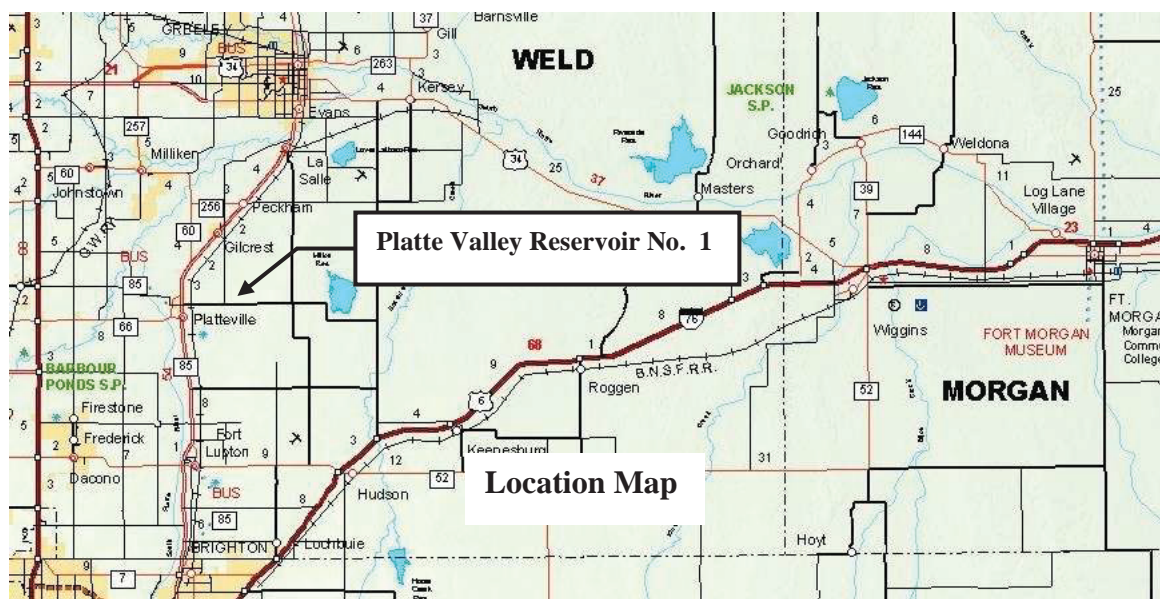
The Pisgah Reservoir and Ditch Company is applying for a \$161,345 loan to modify the inlet/outlet works and replace existing control valves on Pisgah Dam, in compliance with an SEO conditional order. By complying with the SEO recommendations the Company can avoid a storage level restriction on the reservoir. The Company has 25,000 shares issued amongst 573 current shareholders. The purpose of the Company is to provide raw water for the irrigation of approximately 20,000 acres of agricultural land across an 18 mile stretch from Manzanola to La Junta. Primary shareholders include Catlin Canal Company, Canon Heights Irrigation and Reservoir Company, Park Center Water District, City of Rocky Ford, Colorado Parks and Wildlife, and individual agricultural users.

**LOCATION MAP**

## Water Project Construction Loan Program - Project Data

<b>Borrower:</b> Platte Valley Irrigation Company	<b>County:</b> Weld
<b>Project Name:</b> Platte Valley Reservoir No. 1	<b>Project Type:</b> New Equalizer Reservoir
<b>Drainage Basin:</b> South Platte	<b>Water Source:</b> Evans Ditch No. 2
<b>Total Project Cost:</b> \$2,628,600	<b>Funding Sources:</b> CWCB, PVIC
<b>Type of Borrower:</b> Agricultural	<b>Aver. Delivery:</b> 52,401 acre-feet
<b>CWCB Construction Fund Loan:</b> \$2,388,650 (incl. 1% loan fee)	<b>Interest Rate:</b> 2.25% <b>Term:</b> 20 years

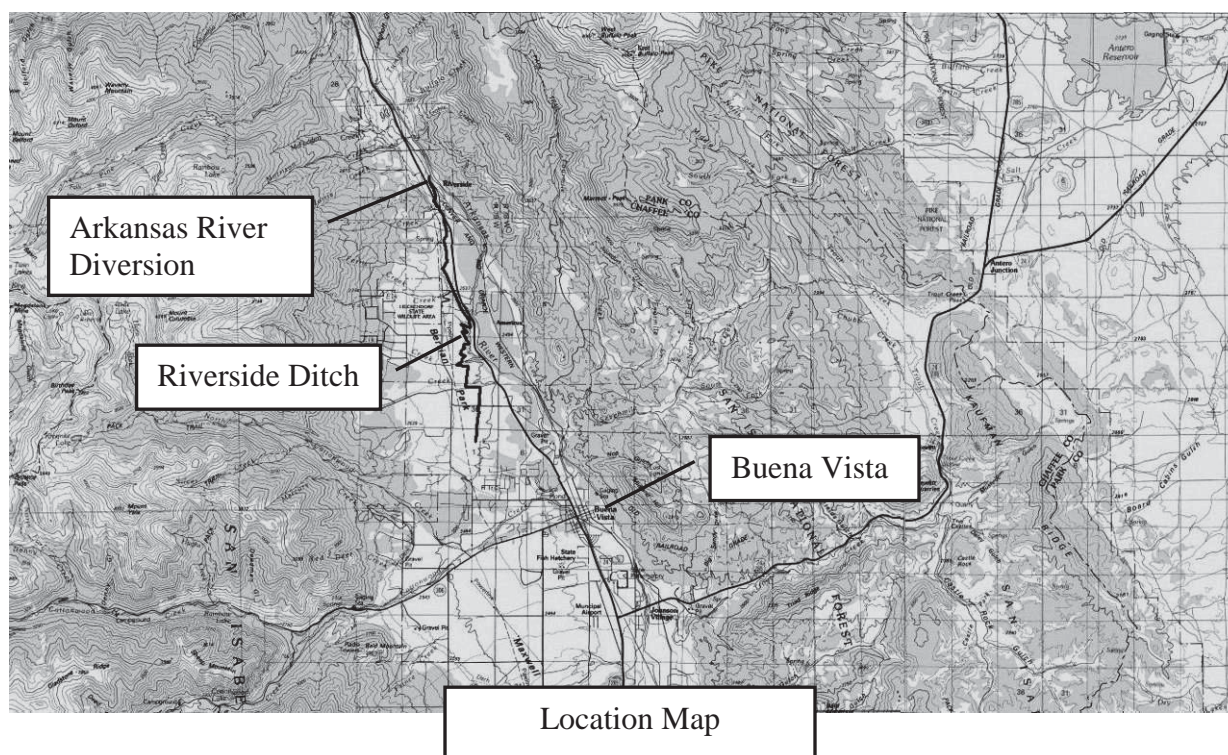
PVIC is a Colorado mutual ditch company and non-profit corporation serving approximately 14,832 acres of irrigated farm land in Weld County east of Platteville. PVIC diverts water for irrigation from the South Platte River near Fort Lupton and shares a jointly owned headgate with Farmers Reservoir and Irrigation Company (FRICO), as well as about 10 miles of the jointly owned Platte Valley Canal. Flow is divided at a bifurcation structure and PVIC water is carried in the Evans No. 2 Ditch. Average annual diversions are 52,401 acre-feet. PVIC needs an equalizer on the ditch to allow for more efficient management of the water, as well as additional measurement and control structures on their main ditch. They have purchased a 80 acre property to construct a reservoir. PVIC needs to improve the flow measuring capability of various reaches in the ditch, as directed by Water Court, in order to claim recharge credits in their system. The reservoir will have a junior water right for storage of water directed to PVIC's recharge program. In an average year the reservoir is expected to store 300 acre feet, with a 300 acre feet refill. Construction will consist of a 431 acre-foot reservoir with a 14 foot high dam embankment with 10:1 upstream slopes and 3:1 downstream slopes. The reservoir bottom will be lined using clay from the required excavation as necessary to exclude groundwater. The outlet will be a 48 inch RCP, configured to act as the principal spillway. The project also includes relocation of an existing section of Evans No. 2 Ditch below the split from the Platte Valley Canal, modification of the existing bifurcation structure, and construction of three (3) new Parshall Flumes in various reaches of the ditch, as directed by the Water Court.





**C150301****Water Project Loan Program - Project Data****Borrower:** Riverside Ditch & Allen Extension Co.**County:** Chaffee**Project Name:** Phased Canal Improvements**Project Type:** Ditch Rehabilitation**Drainage Basin:** Arkansas**Water Source:** Arkansas River**Total Project Cost:** \$205,000**Funding Source:** Construction Fund**Type of Borrower:** Agricultural**Average Diversion:** 3,250 acre-feet**CWCB Loan:** \$186,345 (Including 1% fee)**Interest Rate:** 2.75% **Term:** 30 years

The Riverside Ditch and Allen Extension Company (Company), located near Buena Vista, owns and operates the Riverside Ditch (canal) that provides irrigation water to a 450 acre service area within Chaffee County. A significant portion of the Company's structures along the 125 year old canal are aged and in need of repair or replacement. The Company intends to complete a number of phased improvements to the canal that include: repairs to the river diversion; lining of portions of the canal to reduce seepage; installation of canal monitoring using SCADA equipment; phreatophyte removal; repair/replacement of aging headgates; and installation of standardized flumes. The proposed improvements would benefit the shareholders by improving overall canal efficiency, thereby increasing the consistency of shareholder headgate deliveries. These improvements will also benefit the Company through increased operator safety. Improvements are expected to be completed between the winter of 2009 and spring of 2012.



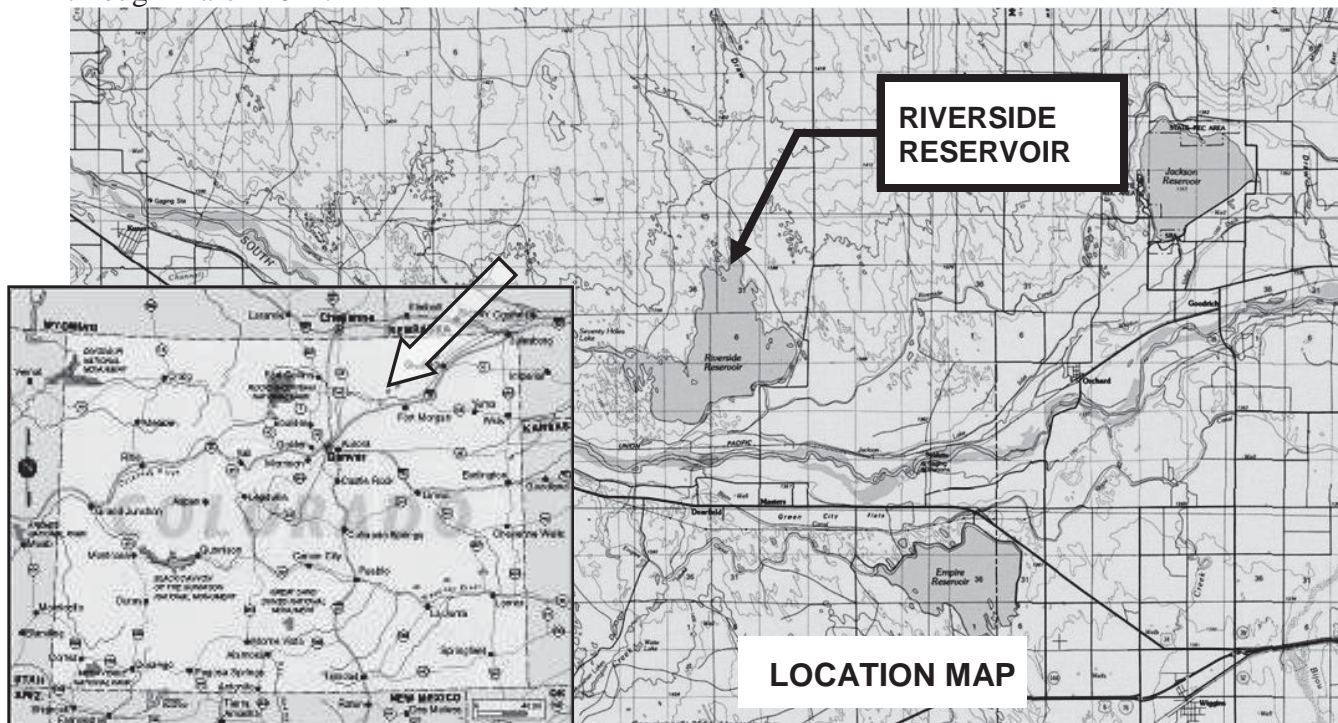


C150291

# CWCB Construction Loan Program Project Data Sheet

**Borrower:** Riverside Reservoir and Land Co.**County:** Weld**Project Name:** Emergency Spillway Project**Project Type:** Reservoir Rehabilitation**Drainage Basin:** South Platte**Water Source:** South Platte River**Total Project Cost:** \$3,120,000**Funding Sources:** Severance Tax Trust Fund  
Perpetual Base Account**Type of Borrower:** Agricultural**Average Delivery:** 39,000 AF (from Reservoir storage) (105,000 Total AF for Company)**Loan Amount:** \$2,838,100 (Including 1% fee)**Interest Rate:** 2.5%**Term:** 30 years

The Riverside Reservoir and Land Company (Company) owns and operates the 64,000 acre-foot capacity Riverside Dam and Reservoir, an inlet canal known as Riverside Ditch, and a river diversion structure located near the town of Kersey, Colorado. The Company diverts water from the South Platte River, approximately 10 miles downstream of Greeley, Colorado. It stores water primarily during winter months for irrigation releases during the following water season. The Company, formed in 1902, delivers irrigation water to approximately 50,000 acres. The Company is applying for a loan to install a spillway at Riverside Reservoir (Reservoir). The Reservoir is not equipped with an emergency spillway, which is required by the DWR's *Rules and Regulations for Dam Safety and Dam Construction*. There is currently a nominal restriction of 0.05 feet (200 AF of storage loss) due to the lack of a spillway. In order to enhance the safety of the Reservoir and prevent further storage restrictions, the Company plans on constructing an emergency spillway. The final design is expected to be complete in January 2010 with construction occurring from July 2010 through March 2011.



C150346

### CWCW Water Project Loan Program Project Data Sheet

**Borrower:** Roxborough Water and Sanitation District, Water Activity Enterprise

**County:** Douglas

**Project Name:** Raw Water Supply Project

**Project Type:** Water Acquisition

**Basin:** South Platte **District:** 8

**Water Source:** South Platte

**Total Project Cost:** \$26,313,150

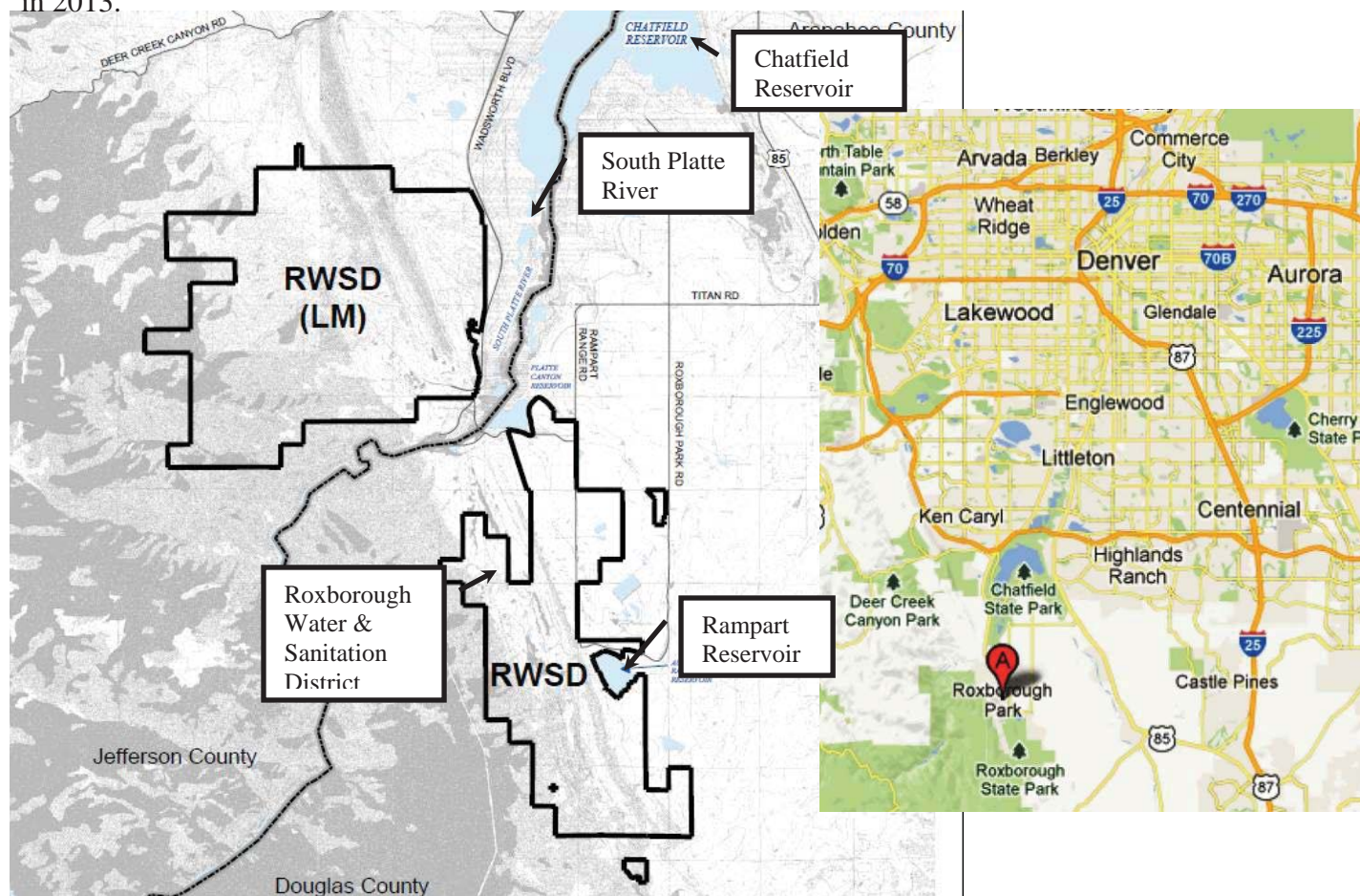
**Funding Source:** Construction Fund

**Type of Borrower:** High-income municipal

**Average Annual Diversion:** 1,141 AF

**CWCW Loan:** \$18,538,550 (w/ 1% service fee) **Interest Rate:** 3.25% **Term:** 30-years

The Roxborough Water and Sanitation District is applying for a loan for the Raw Water Supply Project. Since 1972 the District has been leasing water from Aurora through an agreement that expires in 2022. After many years of discussion, the District has reached an agreement with Aurora to purchase a permanent raw water supply. The agreement is based on the use of Aurora's existing and future raw water supplies and infrastructure. Through this agreement, the District is paying a connection fee for 3,400 Equivalent Residential Units. Aurora will deliver up to 1,800 AF annually through its existing system for treatment by the District. In addition, 285 AF will be delivered annually for irrigation customers within the District. The agreement is expected to be implemented in 2013.





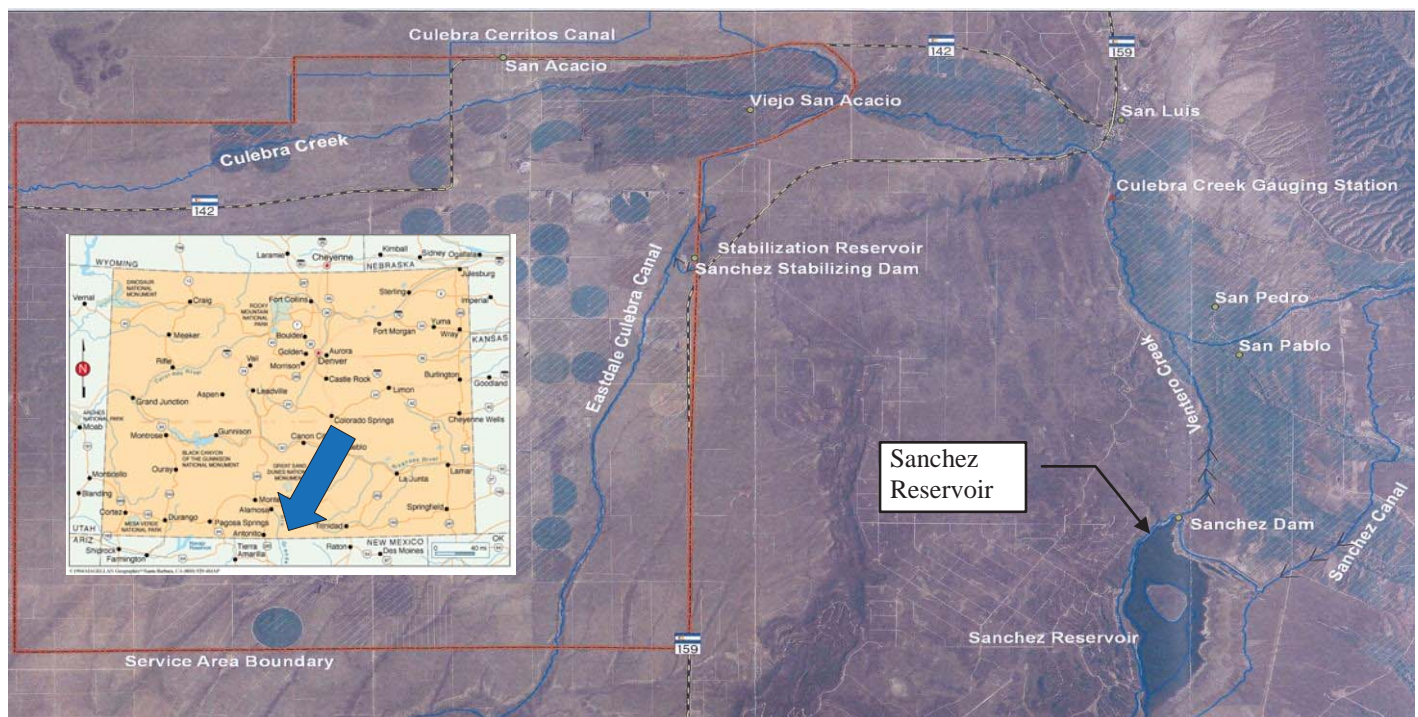
C150342

### CWCBC Construction Loan Program Project Data Sheet

**Borrower:** Sanchez Ditch and Reservoir Co.**County:** Costilla**Project Name:** Sanchez Reservoir Outlet Rehabilitation Project**Project Type:** Dam Rehabilitation**Basin / District:** Rio Grande / 24**Water Source(s):** Ventero Creek**Total Project Cost:** \$2,032,000**Funding Sources:** Construction Fund & WSRA (Basin & Statewide funds)**Type of Borrower:** Agricultural**Average Diversions:** 15,000 AF

**Loan Amount:** \$1,128,776 (Including 1% fee)    **Interest Rate:** 1.75%    **Term:** 30 years  
**WSRA Grant Amounts:** \$55,000 Rio Grande Basin & \$859,400 Statewide

The Company provides irrigation water for users in Costilla County, southwest of the town of San Luis. The Company's primary storage reservoir is Sanchez Reservoir. The approximately 104,000 acre-foot reservoir was built in 1910. The reservoir's outlet includes a 135 foot tall concrete gate tower. In order to access the gates to operate the dam, a tramway/gondola runs along a cable and is powered by a portable gasoline generator. Because daily access to the tower is required during irrigation season, the reliability and safety of the gondola system has been a concern of the Company. Using loan and grant funds, the Company intends to address the safety and operational management concerns at the reservoir through the demolition of the gate tower; the installation of new control gates and operators; lining the existing outlet conduit with shotcrete; repairing the downstream outlet structure; and, installing a new perimeter drain and weir along the right side of the outlet structure to control seepage. The project schedule is estimated as: final design and State Engineer's Office (SEO) approval between January 2013 and January 2014; bid the project in May of 2014; award the bid by June of 2014; start construction in September of 2014; complete construction by March of 2015.



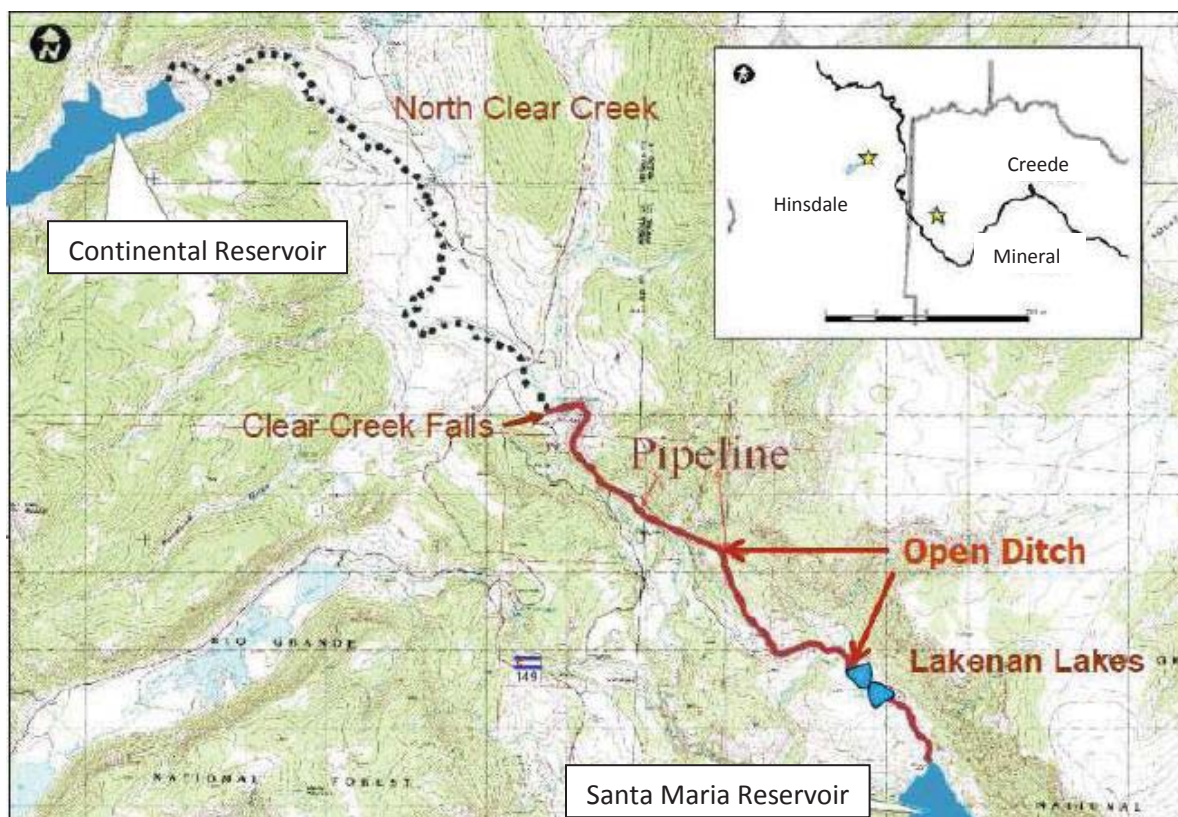


**C150350**

**Water Project Loan Program  
Project Data Sheet**

<b>Borrower:</b>	Santa Maria Reservoir Company	<b>County:</b>	Hinsdale & Mineral		
<b>Project Name:</b>	Santa Maria Siphon and Canal System Rehabilitation Project	<b>Project Type:</b>	Dam Rehabilitation & Ditch Rehabilitation		
<b>Drainage Basin:</b>	Rio Grande / District 20	<b>Water Source:</b>	North Clear Creek		
<b>Total Project Cost:</b>	\$1,855,000	<b>Funding Source:</b>	Construction Fund and Water Supply Reserve Account Grants		
<b>Type of Borrower:</b>	Agricultural	<b>Avg. Annual Diversion:</b>	6,300 AF		
<b>CWCB Loan:</b>	\$1,405,163 (w/ 1% service fee)	<b>Interest Rate:</b>	1.75%	<b>Term:</b>	30 years

Santa Maria Reservoir Company owns and operates Continental Reservoir (27,000 AF) and Santa Maria Reservoir (43,500 AF), located in the Rio Grande River Basin near Creede, Colorado. Santa Maria and Continental operate in conjunction with each other via a century old conveyance system made up of a pipeline, siphon, and open ditch. For the past 20 years, Continental has been under a storage restriction due to seepage issues, limiting the storage to 15,000 AF. The Company is planning a two phased approach to rehabilitate its system. The first phase (the subject of this funding request) is the rehabilitation of the conveyance system between the reservoirs including repairs to the siphon and lining of the canal. Construction is expected to occur in the summer/fall of 2013.



C150332

### Water Project Loan Program – Project Data Sheet

**Borrower:** Terrace Irrigation Company

**County:** Conejos

**Project Name:** Spillway Replacement Project

**Project Type:** Reservoir Rehabilitation

**Drainage Basin:** Rio Grande River Basin, District 21

**Water Source:** Alamosa River

**Total Project Cost:** \$4,500,000

**Funding Source:** Construction Fund

**Type of Borrower:** Agricultural

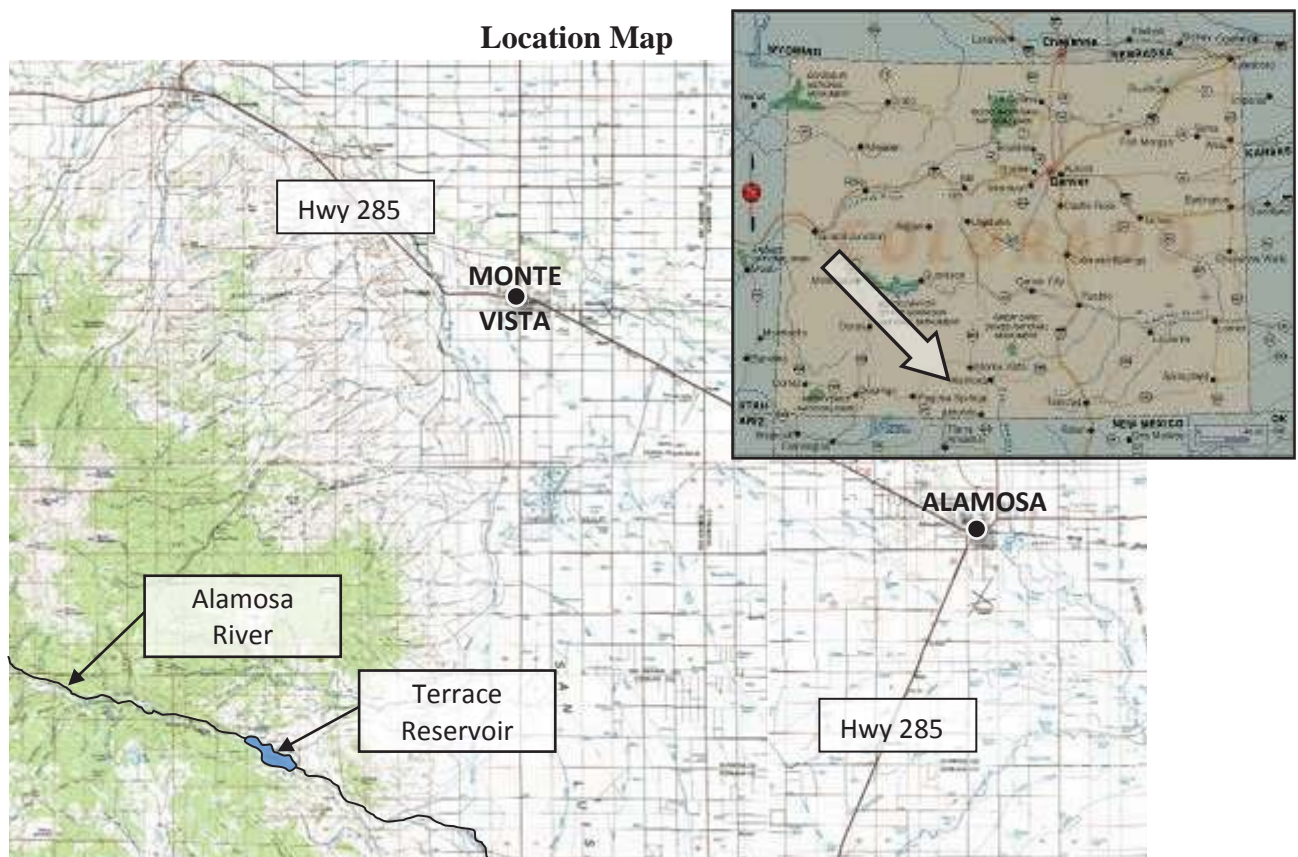
**Avg. Annual Delivery:** 15,339 AF

**CWCB Loan:** Project: \$1,010,000 (w/ 1% service fee)  
Consolidated: \$2,751,968

**Interest Rate:** 1.75% **Term:** 30 years  
(with a 1% Restricted Reservoir reduction)

The Company, responsible for supplying irrigation water to its shareholders for irrigation of 9,300 acres of agricultural lands, is also an active participant in the Alamosa River Instream Flow Project. The ISF Project is intended to restore flows and replace natural resources damaged by mining operations in the upper reaches of the Alamosa River. The Company relies on Terrace Reservoir to meet its irrigation demands throughout the later part of the irrigation season. The reservoir is currently under a restriction order from the SEO, reducing its available capacity by 2,000 AF. This project will replace the existing spillway and remove the SEO restriction order. Funding for this project includes grant money from WSRA (\$1,500,000) and the Summitville Natural Resource Damage (NRD) account (\$2,000,000). In return for NRD funding, the Company has agreed to donate 2,000 AF of storage in Terrace Reservoir towards instream flow storage to further the efforts of the ISF Project. Construction is expected to begin in summer/fall of 2012 and be completed by the end of 2013.

**Location Map**





## Water Project Loan Program – Project Data Sheet

**Borrower:** Thunderbird Water and Sanitation District

**County:** Douglas

**Project Name:** Lambert Ranch Water Rights Purchase

**Project Type:** Water Rights Purchase

**Drainage Basin:** South Platte, District 8

**Water Source:** Denver Basin Aquifer

**Total Project Cost:** \$350,000

**Funding Source:** Construction Fund

**Type of Borrower:** Middle-Income Municipal

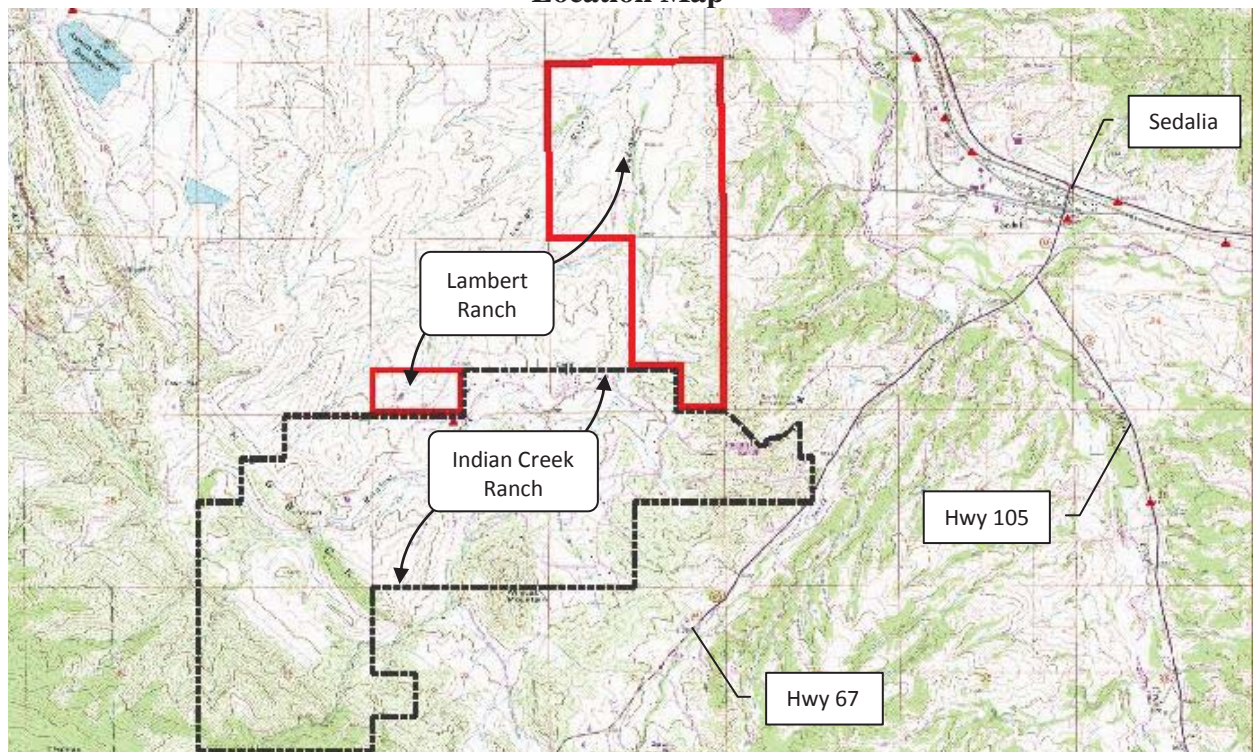
**Avg. Annual Delivery:** 55 AF

**CWCB Loan:** \$318,150 (w/ 1% service fee)

**Interest Rate:** 4.25%   **Term:** 20 years

The Thunderbird Water and Sanitation District (District) provides potable water service for the Indian Creek Ranch subdivision, consisting of 2,420 acres and 175 customers. The District is applying for a loan to purchase 895.9 AF of Denver Basin decreed ground water rights that underlie the property known as Lambert Ranch. On average, the District delivers approximately 55 AF annually. The increase would enable the District to enlarge its available supply; thereby increasing system reliability, providing the redundancy necessary to allow for system maintenance and protect against aquifer depletions.

**Location Map**





## CWCB Construction Loan Program Project Data Sheet

**Borrower:** Tri-County Water Conservancy District **County:** Ouray, Montrose, Delta

**Project Name:** Ridgway Reservoir Micro-Hydro **Project Type:** Hydroelectric

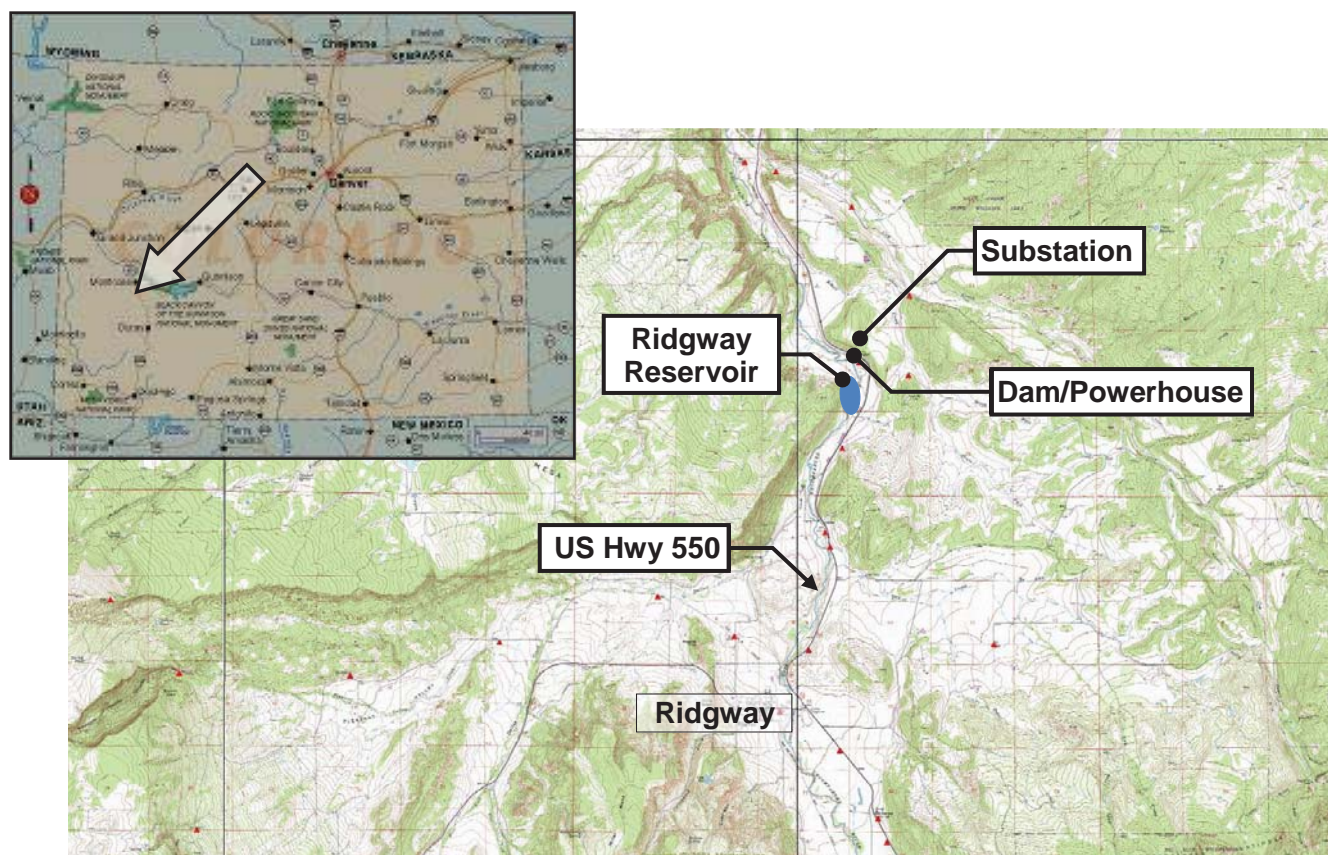
**Drainage Basin:** Gunnison, District 68 **Water Source:** Uncompahgre River

**Total Project Cost:** \$17,000,000 **Funding Sources:** Construction Fund, CWRPDA

**Type of Borrower:** Hydroelectric **Avg. Diversion:** 35,000 AF (84,410 AF of reservoir storage)

**Loan Amount:** \$13,130,000 (Including 1% fee) **Interest Rate:** 2.00% **Term:** 30 years  
> Increased from \$9,090,000 in Jan 2013

The Tri-County Water Conservancy District is requesting a CWCB loan for the construction of a 8MW hydroelectric power generating facility at Ridgway Reservoir. The project will be permitted through the "Lease of Power Purchase" process with the Bureau of Reclamation, allowing the incorporation of a hydropower facility into the existing outlet works of Ridgway Dam. The dam, constructed by the Bureau as part of the Dallas Creek Project, began storing waters of the Uncompahgre Basin in 1987. The District projects that the facility will produce an annual average of 22,600 MWh, which will be sold to the San Miguel Power Association/Tri-State Generation and Transmission and the City of Aspen/Municipal Energy Agency of Nebraska through a Power Purchase Agreement. Construction is scheduled to begin in the spring of 2013 and take approximately 2 years to complete, with energy production expected by summer 2014.



## CWCB Water Project Loan Program

### Project Data Sheet

**Borrower:** Twenty Two Road Lateral Company

**County:** Mesa

**Project Name:** 22 Road Lateral Ditch Replacement

**Project Type:** Ditch Rehabilitation

**Drainage Basin:** Colorado / District 72

**Water Source:** Colorado River (via GVIC)

**Total Project Cost:** \$532,875

**Funding Source:** Construction Fund,  
NRCS (\$398,970)

**Type of Borrower:** Blended

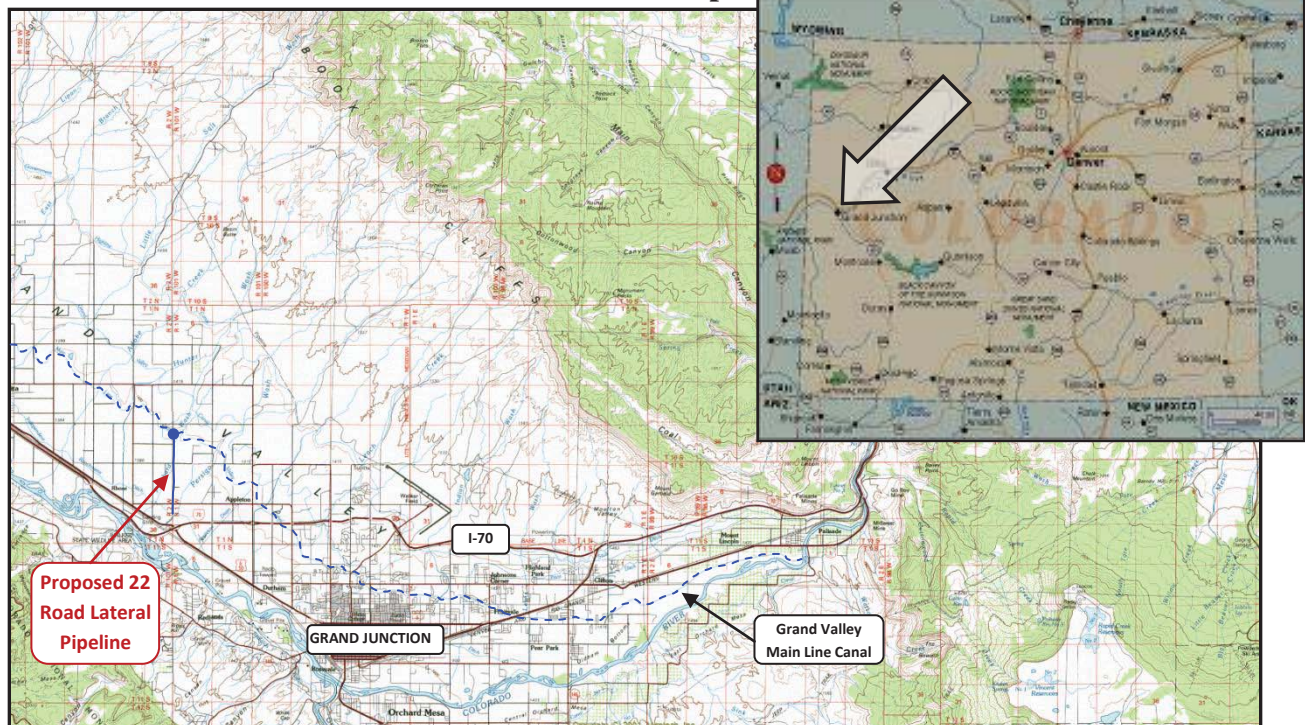
**Avg. Annual Diversion:** 1,334 AF

**CWCB Loan:** \$512,720 (\$517,848 w/ 1% service fee)  
Long Term \$113,750 (\$118,878 w/ 1% service fee)

**Interest Rate:** 2.35% **Term:** 30 years

The Twenty Two Road Lateral Company uses the Twenty Two Road Lateral to deliver water to its members for the purpose of irrigating pastures, residential landscapes and gardens. The Lateral is a weathered concrete lined open channel. Cracks and gaps in the concrete lining have resulted in ever growing maintenance costs while reducing the efficiency of the Lateral. The Company is requesting a CWCB loan in conjunction with a \$398,970 NRCS grant, through the Colorado River Basin Salinity Control Program, to remove 13,000 LF of deteriorated concrete panel-lined channel and install 16,200 LF of plastic irrigation pipe, ranging from 3 to 18 inches in diameter. By piping the Lateral the District will reduce its annual maintenance expenses while increasing the reliability and efficiency of its deliveries.

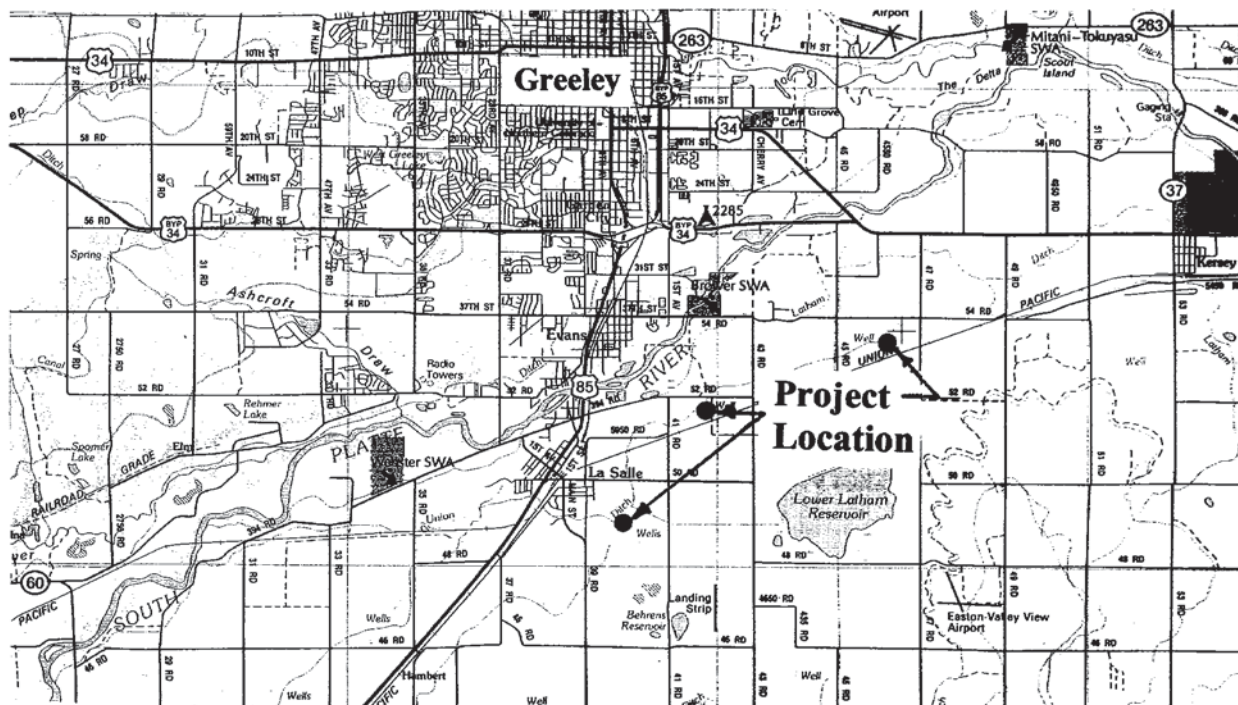
### Location Map





**Water Project Construction Loan Program-Project Data****Borrower:** Union Ditch Company (UDC)**County:** Weld**Project Name:** UDC Recharge Project**Project Type:** Well Augmentation**Drainage Basin:** South Platte**Water Source:** South Platte River**Total Project Cost:** \$344,000**Funding Sources:** CWCB, UDC**Type of Borrower:** Agricultural**Aver. Delivery:** 206 acre-feet (consump. use)**CWCB Construction Fund Loan:** \$309,500**Interest Rate:** 2.50%**Term:** 30 years

UDC operates the Union Ditch providing direct flow irrigation water to an area of 5,500-acres east of the Town of LaSalle and south of Greeley. Water is diverted from the South Platte River at a headgate east of the Town of Milliken. UDC operates approximately 15 miles of ditch and typically delivers about 29,000 acre-feet of irrigation water per year. UDC has filed an application for an Augmentation Plan to provide replacement water for 40 junior wells owned by shareholders, formerly serviced by GASP, to replace out-of-priority irrigation well depletions. As part of the Augmentation Plan UDC will need 50 AF of developed recharge storage capacity to offset the depletions. The project involves the development of three recharge structures, with the top priority site, the Mecure #1 Site (20 AF) developed initially in 2004, and the remaining two sites totaling 30 AF developed in 2005. Each pond would be filled by water that is diverted from the Union Ditch. The construction of each site will include pond excavation, flow measurement structures (flumes on feeder canals or meters for pumps), headgate structures for feeder canals, and monitoring and reporting measurement equipment (SCADA). The ponds will be relatively shallow in depth (< 10 feet) and will include an earthen embankment around the perimeter of the pond.



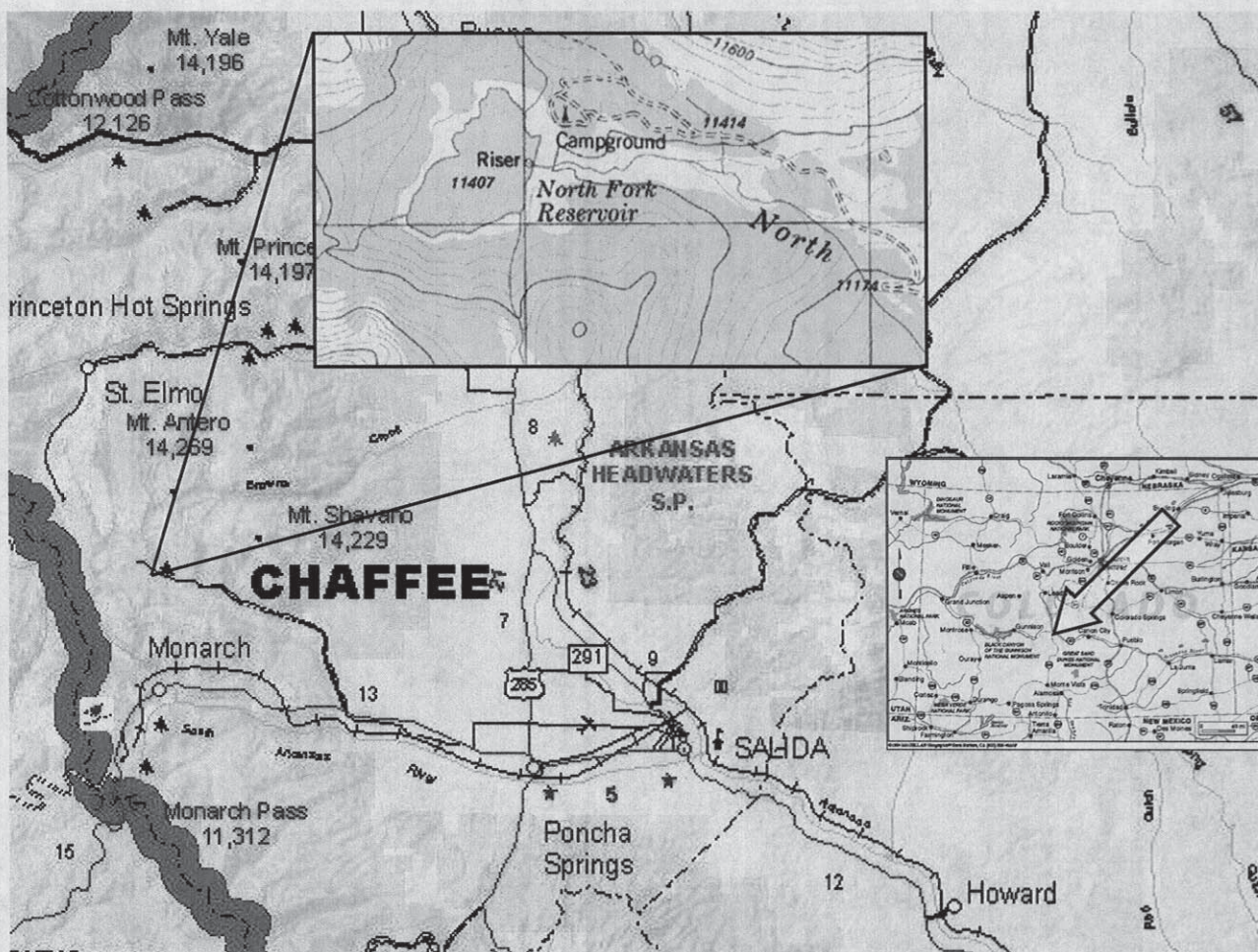
Location Map



# **CWCB Construction Loan Program PROJECT DATA SHEET**

<b>Borrower:</b> Upper Arkansas Water Conservancy District	<b>County:</b> Chaffee/Fremont/Custer
<b>Project Name:</b> North Fork Reservoir Rehab/Expansion	<b>Drainage Basin:</b> Arkansas River
<b>Project Type:</b> Dam and Spillway Modifications	<b>Water Source:</b> N. Fork of S. Arkansas
<b>Total Project Cost:</b> \$3,309,850	<b>Funding Sources:</b> CWCB & Company
<b>Loan Amount:</b> \$2,980,000	<b>Current Reservoir Storage:</b> 500 acre-feet
<b>Type of Borrower:</b> Low Municipal/Agricultural	<b>Interest Rate:</b> 3.0% <b>Term:</b> 30 years

The Upper Arkansas Water Conservancy District is located in Salida, Colorado, and serves to protect and develop water supplies in Chaffee, Western Fremont and Custer Counties. The District has operated the North Fork Reservoir since 1979 for domestic, municipal, industrial, recreational and augmentation purposes. The reservoir is at elevation 11,400 feet and is located 10 miles from Maysville on the North Fork of the South Arkansas River. The District plans to repair the outlet gate, improve the access for construction, increase the spillway capacity, mitigate seepage along the right abutment, and raise the dam height by 15 feet. This will increase the capacity of the reservoir from 595 AF to 1095 AF. The enlargement will also require the relocation of portions of a campground. The reservoir is located on Forest Service property and currently has a Special Use Permit authorizing the repair work. The enlargement work will require a NEPA study prior to Forest Service permitting.



LOCATION MAP



## **Projects Not Under Contract**

## Water Project Construction Loan Program - Project Data

<b>Borrower:</b> SECWCD - Enterprise	<b>County:</b> Pueblo, Crowley, Otero, Bent, Prowers
<b>Project Name:</b> Arkansas Valley Conduit	<b>Project Type:</b> Water Supply Pipeline
<b>Drainage Basin:</b> Arkansas	<b>Water Source:</b> Arkansas – Fry-Ark Project
<b>Total Project Cost:</b> \$300,000,000	<b>Funding Sources:</b> CWCB, Federal
<b>Type of Borrower:</b> Municipal/Low	<b>Aver. Delivery:</b> 6,555 AF (2005 demand)
<b>CWCB Construction Fund Loan:</b> \$60,600,000 (incl. 1% loan fee)	<b>Interest Rate:</b> 3.25% <b>Term:</b> 30 years

The Arkansas Valley Conduit is designed to bring relatively clean raw water to 41 water providers in the lower Arkansas Valley, who currently either take water from the Arkansas River, and/or pump from shallow and/or deep aquifers. This pumped water has quality problems and requires significant treatment before it meets Clean Drinking Water standards. The conduit will begin at Pueblo Reservoir Dam, where a 30.94 cfs municipal outlet is already in place and reserved for the specific use of the conduit. The conduit will gravity flow approximately 138 miles down the Arkansas River Valley to Lamar. The conduit water will flow by the St. Charles Mesa Water District where it will enter a water filtration plant. As the conduit moves down the valley, spurs will take off the main line to deliver water to local and regional water providers. The conduit will receive its water from the USBR Fryingpan-Arkansas Project. Currently, about 5,779 acre-feet of water per year is available for entities East of Pueblo in an average year. Additionally, Return Flows are retained by the District and can be exchanged back up to Pueblo Reservoir for delivery. These Return Flows can provide up to an additional 1,600 acre-feet of water. Storage is available to these entities in Pueblo Reservoir because they are in the SECWCD service area. This storage will help provide water in the years when less than average water is provided by the Fry-Ark Project. The water will be provided strictly for municipal and industrial purposes. Final chlorination or treatment will be left up to each water provider. The conduit is currently planned to be paid 80% (approximately \$240 million) by the federal government.



Location Map



C150317

**CWCB Water Project Loan Program  
Project Data Sheet****Borrower:** Lake Durango Water Authority**County:** La Plata**Project Name:** Source Water Supply Project**Project Type:** Water Rights  
Purchase/Infrastructure**Drainage Basin:** San Juan / Dolores**Water Source:** ALP**Total Project Cost:** \$3,000,000**Funding Source:** Construction Fund and  
WSRA Statewide Funds**Type of Borrower:** Low-income Municipal**Average Delivery:** 309 AF**CWCB Loan:** \$2,525,000 (w/ 1% service fee)  
**WSRA Grant:** \$500,000**Interest Rate:** 4.0% **Term:** 30 years

The Lake Durango Water Authority serves 1,435 taps in southwest La Plata County. A safe yield analysis has indicated that the Authority can only supply water to 792 taps in a drought year. This was an issue in the 2002-2003 drought, so the Authority is seeking additional supply and storage to safely serve its customers. The Authority is planning on purchasing 100 AF of A-LP water from the Colorado Water Resources and Power Development Authority, constructing a pump station at Lake Nighthorse, building an access road, and installing a pipeline to bring water from Lake Nighthorse to Lake Durango (where the Authority currently stores the majority of its water).



0 0.4 0.8 1.6 2.4 Miles

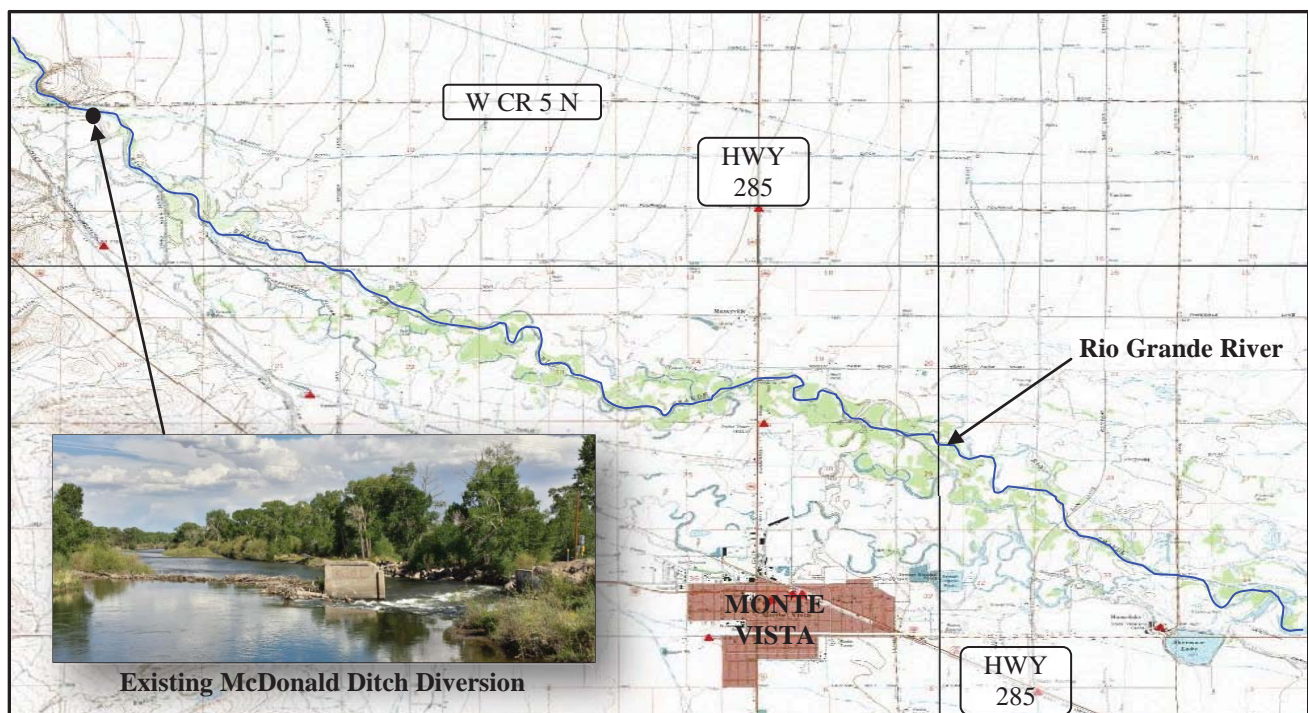
2009 NAIIP aerial imagery provided by  
the US Farm Service Agency

**CWCB Water Project Loan Program  
Project Data Sheet**

**C150334****Borrower:** The McDonald Ditch Company**County:** Rio Grande**Project Name:** McDonald Ditch Diversion  
and Headgate Replacement Project**Project Type:** Ditch Rehabilitation**Drainage Basin/ District:** Rio Grande / 20**Water Source:** Rio Grande River**Total Project Cost:** \$1,085,200**Funding Source:** Construction Fund**Type of Borrower:** Agricultural**Average Annual Diversion:** 45,000 AF**CWCB Loan:** \$101,000  
(with 1% service fee)**Interest Rate:** 2.50% **Term:** 30-years

The McDonald Ditch Company is a Mutual Ditch Company formed in 1921. Their diversion structure and headgate were poorly designed and are rapidly deteriorating, presenting a growing maintenance burden for the Company. Both the diversion and headgate were highlighted as rehabilitation priorities in a 2001 study titled "Rio Grande Headwaters Restoration Project (RGHRP)." The study analyzed the condition of riparian habitats and structures along a 91-mile reach of the Rio Grande from the town of South Fork to Alamosa and triggered a more localized effort known as the Plaza Project. Phase 2 of the Plaza Project includes the final engineering design and construction of a new diversion and headgate for the McDonald Ditch Company.

A loan to the McDonald Ditch Company was approved for this Project in May 2012 in the amount of \$70,700. During the final engineering design of the McDonald Ditch diversion structure, analysis showed that the chosen design of the diversion structure at the existing location would cause flooding in the local community including the upstream bridge of W CR 5 N (Sevenmile Plaza Bridge). The solution is to relocate the diversion structure and headgate just upstream of the bridge and has increased Project cost. This loan increase request of \$30,300 is sought to cover the Company's portion of the Project cost increase.





C150340

## CWCBC Construction Loan Program Project Data Sheet

**Borrower:** Town of Ridgway**County:** Ouray**Project Name:** Lake Otonowanda Rehabilitation Project**Project Type:** Reservoir Enlargement**Drainage Basin:** Gunnison, District 68**Water Source:** Ridgway Ditch**Total Project Cost:** \$2,080,843**Funding Sources:** Construction Fund, WSRA, DOLA, CO River District**Type of Borrower:** middle-income municipal**Avg. Diversion:** 280 AF (363 AF of reservoir storage)**Loan Amount:** \$606,000 (Including 1% fee)**Interest Rate:** 3.0%**Term:** 30 years**WSRA Grant Amounts:** \$60,000 Gunnison Basin & \$540,000 Statewide

The Town of Ridgway is requesting a CWCBC loan for rehabilitation improvements and enlargement of Lake Otonowanda to ensure a reliable water supply of raw water is available under future drought conditions. Otonowanda is the primary storage facility for the town, responsible for treating and delivering potable water to 695 SFE. Otonowanda, with a current capacity of 109 AF, does not have a functional outlet works; therefore, no way to control reservoir discharge. During 2002, all of the Town's water rights fell out of priority due to extended drought conditions and the Town was dangerously close to running out of water. The improvements to the reservoir, including: replacement of the outlet works, reservoir lining and a 254-AF enlargement, will provide the Town the ability to store more of its adjudicated water rights and a controlled means to release the water, firming the Town's water supply in the event of future call outs.

### LOCATION MAP





# CWCB Water Project Loan Program Project Data Sheet

**Borrower:** City of Greeley,  
Water and Sewer Enterprise

**County:** Larimer

**Project Name:** High Park Fire Restoration

**Project Type:** Watershed Protection

**Basin:** South Platte **District:** 3

**Water Source:** Cache La Poudre

**Total Project Cost:** \$7,400,000

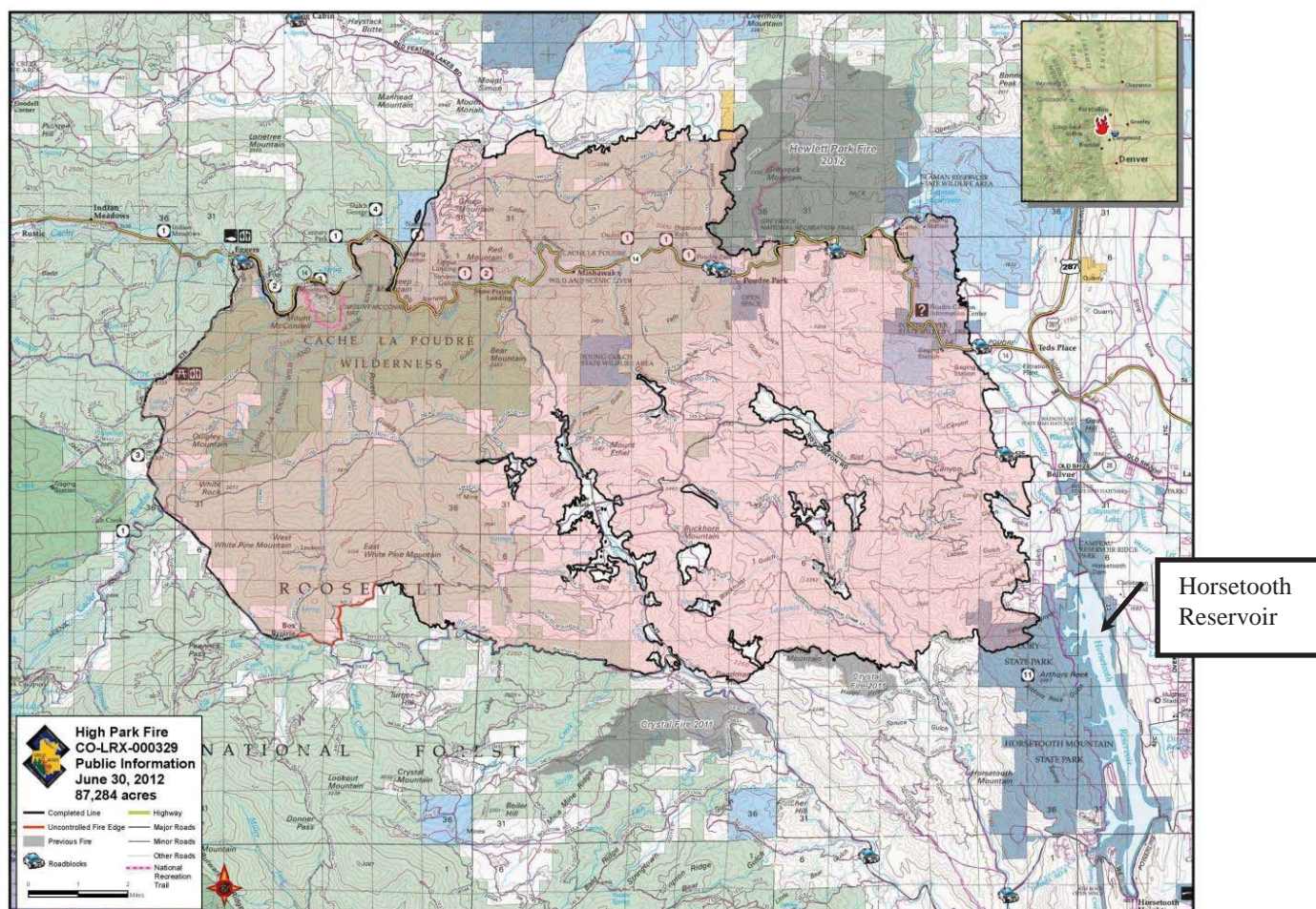
**Funding Source:** Severance Tax Trust Fund  
Perpetual Base Account

**Type of Borrower:** High-income municipal

**Average Annual Diversion:** 9,000 AF

**CWCB Loan:** \$2,020,000 (w/ 1% service fee) **Interest Rate:** 0% **Term:** 20-years

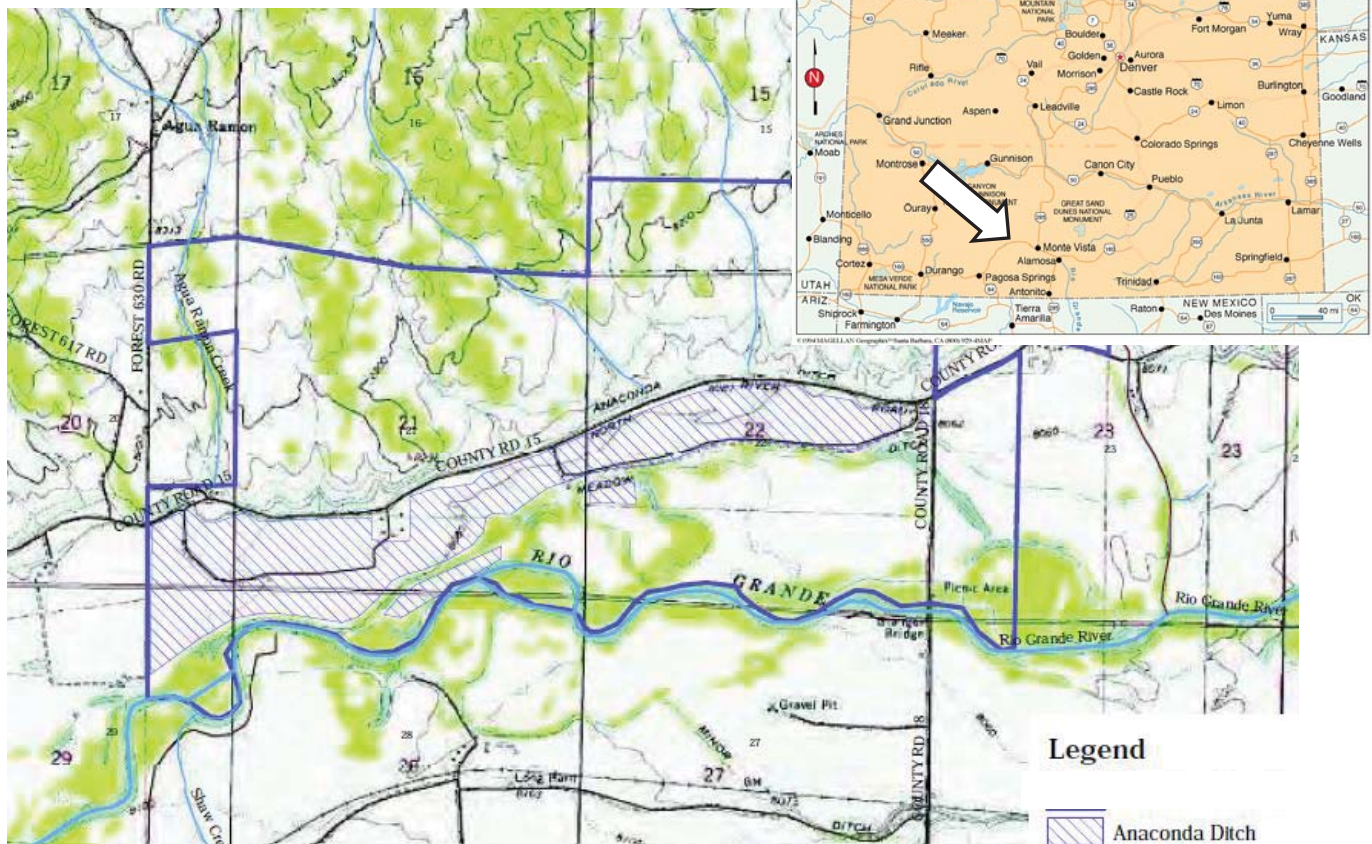
The City of Greeley is applying for a loan for to protect portions of the Poudre watershed damaged by the High Park Fire that damaged 87,000 acres in the summer of 2012. Through the Burned Area Emergency Response (BAER) report 5,500 acres of non-federal land were identified as needing treatment including aerial application of seeded mulch for soil stabilization; and check structures to catch ash, debris and sediment; and, contour felling to reduce flash flood risk. Because much of the City's municipal water supply diversions are within the burn perimeter, watershed restoration is critical. Efforts began immediately after the fire was contained in July of 2012. These efforts are expected to resume in the spring of 2013 as soon as weather permits.





**C150348****Water Project Loan Program - Project Data Sheet****Borrower:** San Luis Valley Water Conservancy District**County:** Alamosa**Project Name:** Anaconda Ditch Water Right Acquisition**Project Type:** Water Rights**Drainage Basin / District:** Rio Grande / 20**Water Source:** Rio Grande River**Total Project Cost:** \$923,000**Funding Sources:** Construction Fund**Type of Borrower:** Municipal Low Income**Average Delivery:** 386 acre-feet**CWCB Loan:** \$839,000 (Including 1% fee)**Interest Rate:** 2.5% **Term:** 30 years

The San Luis Valley Water Conservancy District (District) operates an augmentation program servicing portions of Rio Grande, Alamosa, Saguache, Hinsdale and Mineral Counties. The augmentation program was developed to offset river depletions from wells serving residential and commercial uses in the area. The District intends to acquire additional water rights to add to its existing program, including the subject of this loan request, the Anaconda Ditch water rights. The District is purchasing a 58% interest in the ditch providing an estimated 260 acre-feet. The purchase will be finalized once the water rights have been through water court. The decree is expected in the fall of 2013.





**CWCB Water Project Loan Program  
Project Data Sheet**

**Borrower:** Missouri Heights - Mountain Meadows County: Eagle, Garfield  
Irrigation Company

**Project Name:** Irrigation Ditch Lining Project

**Project Type:** Ditch Rehabilitation

**Drainage Basin:** Colorado

**Water Source:** Roaring Fork

**Total Project Cost:** \$550,000

**CWCB Funding Source:** Construction Fund

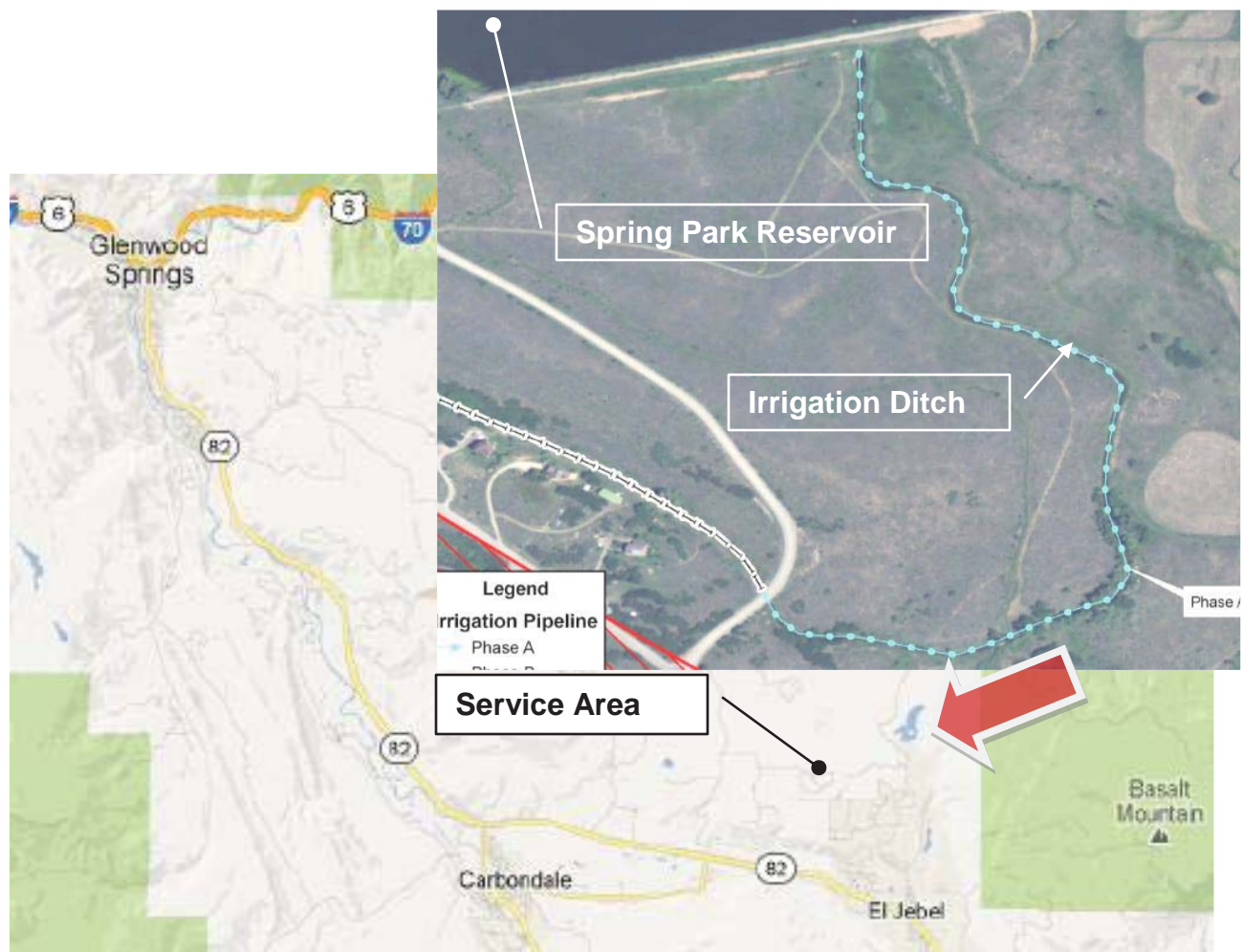
**Type of Borrower:** Agricultural/High Income

**Average Annual Diversion:** 4,480 AF

**CWCB Loan:** \$454,500 (w/ 1% service fee)

**Interest Rate:** 2.2% Blended **Term:** 30yr

Missouri Height Mountain Meadows Irrigation Company provides irrigation water to approximately 1,500 acres of ranch land located 12 miles northeast of Carbondale. The Company worked with the Natural Resources Conservatio service (NRCS) to evaluate losses within its ditch. A one-mile section has been identified as an area of high seepage, with losses estimated at 30%. The NRCS is providing technical design assistance. The Company has applied for grant funding from additional sources. Construction is anticipated to occur in the fall of 2013.



**C150252**

**CWCB Water Project Loan Program  
Project Data Sheet**

**Borrower:** Boxelder Basin Regional Stormwater Authority

**County:** Larimer

**Project Name:** Larimer-Weld Canal & Boxelder Creek Crossing Structure

**Project Type:** Flood Control

**Drainage Basin / District:** South Platte / 3

**Water Source:** Boxelder Creek

**Total Project Cost:** \$1,139,000

**Funding Source:** Construction Fund

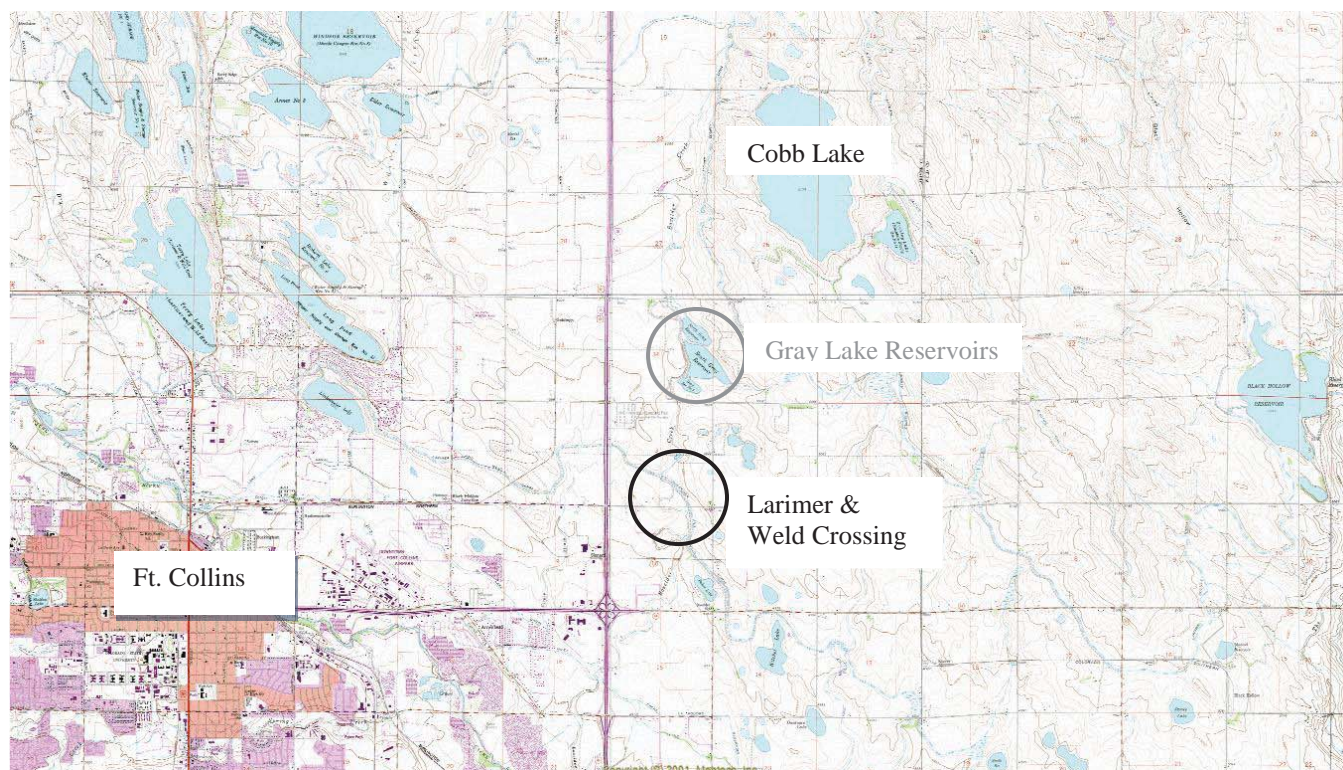
**Type of Borrower:** Middle Income Municipal

**Average Annual Diversion:** N/A

**CWCB Loan:** \$1,010,000  
(with 1% service fee)

**Interest Rate:** 2.75% **Term:** 15-years  
(rate reduced from 3.0% for middle income municipal)

The Boxelder Basin Regional Stormwater Authority was formed in 2008, through an IGA between the City of Fort Collins, Larimer County and the Town of Wellington, to facilitate the construction of regional flood control projects to reduce the threat of flooding and remove areas from the FEMA floodplain in the Boxelder Creek basin. The crossing structure will provide conveyance for 100-year flows from Boxelder Creek across the Larimer-Weld Canal in a safe and controlled manner. Currently the Boxelder Creek 100-year flows inundate the Larimer and Weld Canal and cause it to overflow west of I-25 into the Cooper Slough drainage within the City of Fort Collins. The design of the crossing structure calls for the construction of a side-flow spillway. Construction is expected to occur between the fall of 2014 through the spring of 2014. Repayment for the project will come from stormwater service and system development fees collected by the Authority.

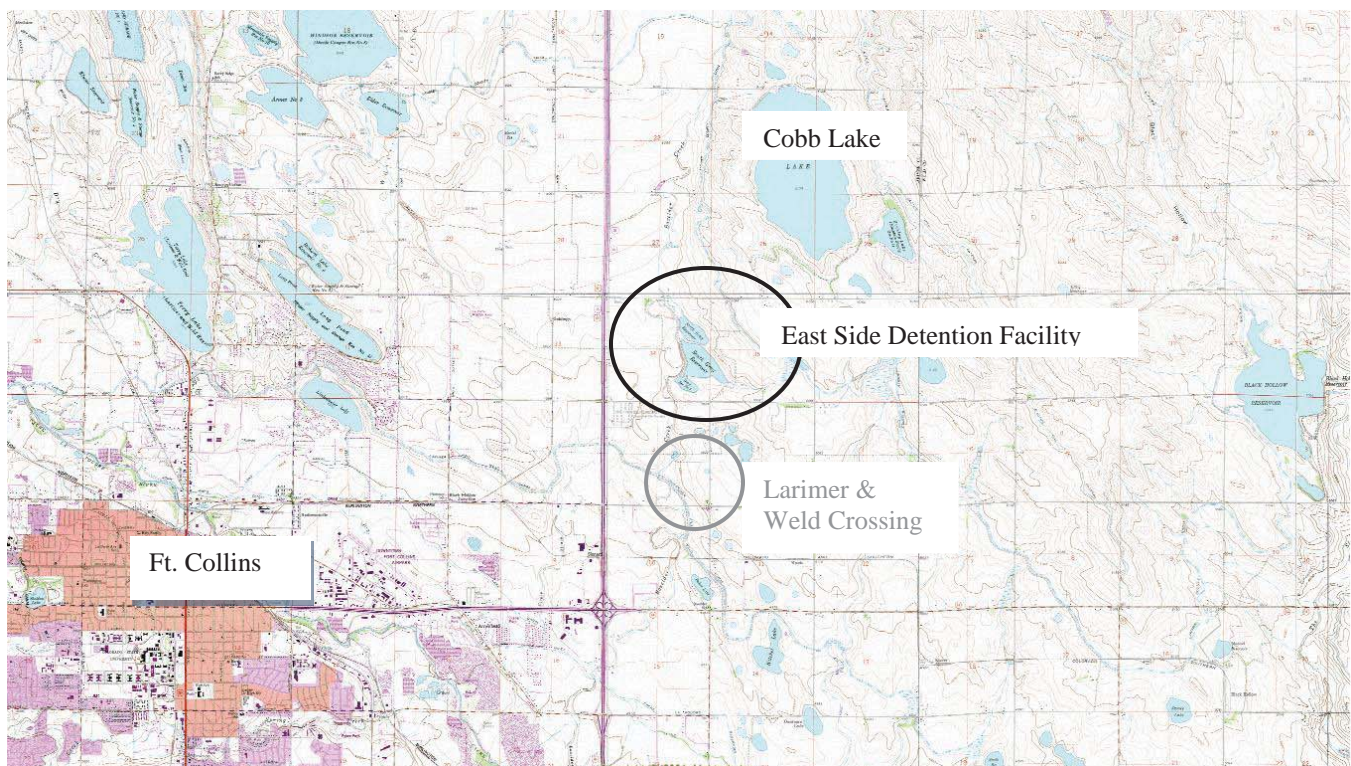




**CWCB Water Project Loan Program  
Project Data Sheet**

<b>Borrower:</b> Boxelder Basin Regional Stormwater Authority	<b>County:</b> Larimer
<b>Project Name:</b> East Side Detention Facility	<b>Project Type:</b> Flood Control
<b>Drainage Basin/ District:</b> South Platte / 3	<b>Water Source:</b> Boxelder Creek
<b>Total Project Cost:</b> \$8,761,000	<b>Funding Source:</b> Construction Fund
<b>Type of Borrower:</b> Middle Income Municipal	<b>Average Annual Diversion:</b> N/A
<b>CWCB Loan:</b> \$7,171,000 (with 1% service fee)	<b>Interest Rate:</b> 2.75% <b>Term:</b> 15-years (Reduced from 3.0% for middle income municipal)

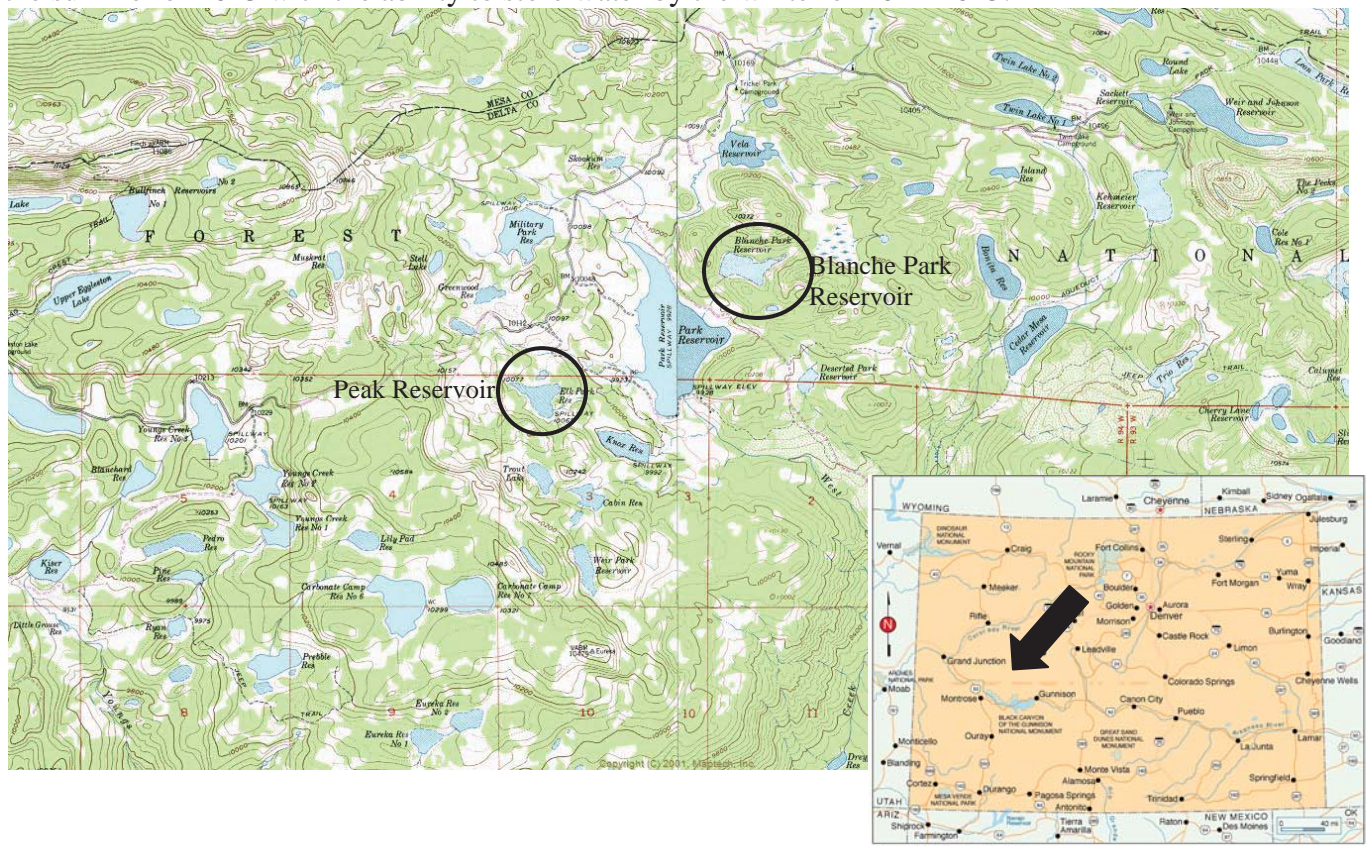
The Boxelder Basin Regional Stormwater Authority was formed in 2008, through an IGA between the City of Fort Collins, Larimer County and the Town of Wellington, to facilitate the construction of regional stormwater improvements to reduce the threat of flooding and remove areas from the FEMA floodplain in the Boxelder Creek basin. The East Side Detention Facility is a key component in the Authority's master plan. The detention facility will provide 1,800 AF of detention storage and will decrease downstream flows from approximately 6,700 cfs to 2,400 cfs. The reduced flow rate will allow 100-year flows to be contained in the current cross-section of Boxelder Creek and will eliminate the flow that occurs in the 100-year flood plain below the proposed detention facility. Construction is expected to take one year beginning in December of 2013. Repayment for the project will come from stormwater service and system development fees collected by the Authority.





**CWCB Water Project Loan Program  
Project Data Sheet****Borrower:** Grand Mesa Water Conservancy  
District**County:** Delta**Project Name:** Peak Reservoir and Blanche  
Park Reservoir Rehabilitation**Project Type:** Reservoir Rehabilitation**Drainage Basin/ District:** Gunnison / 40**Water Source:** Surface Creek**Total Project Cost:** \$640,000**Funding Source:** Construction Fund/  
WSRA Gunnison Basin Funds**Type of Borrower:** Municipal/Agricultural**Average Annual Diversion:** 400 AF  
**Storage Added:** 155 AF**CWCB Loan:** \$227,250  
(with 1% Service Fee)**Interest Rate:** 1.55% \* **Term:** 20 years  
(Reduced from 1.8% blended rate)

The Grand Mesa Water Conservancy District owns several reservoirs and a network of ditches to service agricultural users and municipal users including the Town of Orchard City and Cedaredge. It is requesting a loan to rehabilitate Peak Reservoir and Blanche Park. Both reservoirs are located in the Grand Mesa National Forest and have not been used in nearly 50 years. The District has already contributed \$352,500 towards Project costs and has also been awarded \$75,000 in Water Supply Reserve Account (WSRA) Gunnison Basin Roundtable grant funds. Peak Reservoir involves earthwork on the dam and new outlook works. Blanche Park reservoir work will be a complete rebuilding of the dam. Construction is expected to resume in the summer of 2013 with the ability to store water by the winter of 2014-2015.





**CWCB Water Project Loan Program  
Project Data Sheet**

**Borrower:** Two Rivers Water and Farming Company

**County:** Huerfano / Cucharas

**Project Name:** Arkansas Storage Facility

**Project Type:** New Reservoir Construction

**Drainage Basin/ District:** Arkansas / 14

**Water Source:** Arkansas River

**Total Project Cost:** \$12,459,000

**Funding Source:** Construction Fund

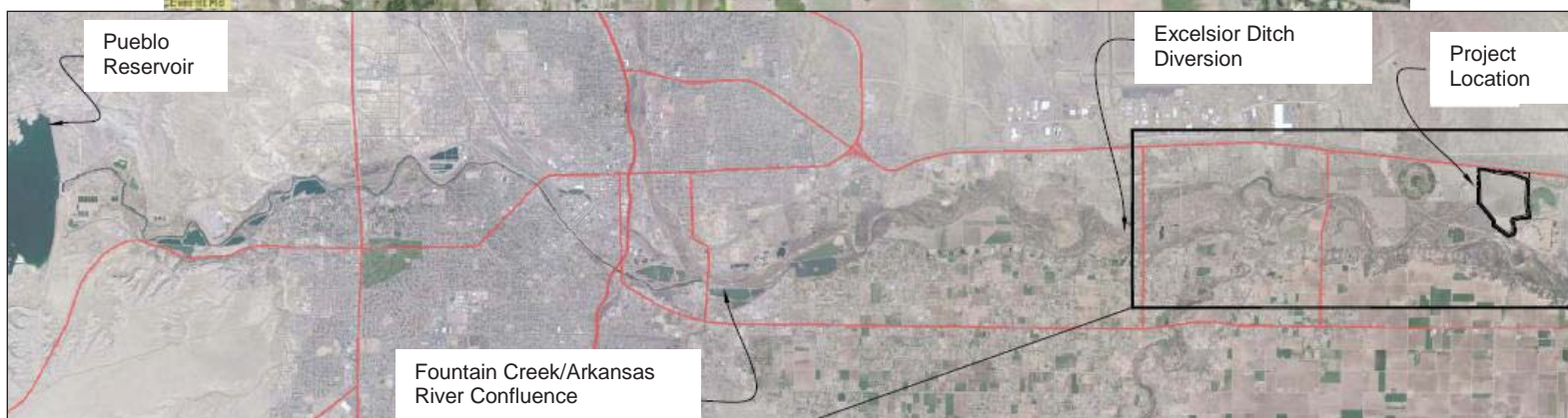
**Type of Borrower:** Agricultural

**Average Annual Diversion:** AF  
**Storage Added:** 4,110 AF

**CWCB Loan:** \$9,999,000  
(with 1% Service Fee)

**Interest Rate:** 1.25%\* **Term:** 10 years  
(Reduced from 1.75%)

Two Rivers Water and Farming Company currently farms 1,926 acres in Pueblo County and 150 acres in Huerfano County. It is developing a business model that integrates farming and wholesale water distribution through rotational fallowing. Fallowing agreements will be made between Two Rivers and municipalities making surplus irrigation water available for municipal use during droughts, and conversely making excess municipal water available for irrigation when the water supply is available. In order to make this model work, additional water storage is needed. Ultimately, Two Rivers intends to build 25,000 AF of gravel pit storage through a multi-phase project. The first phase will be the development of 4,110 AF of storage located adjacent to the Arkansas River 10 miles east of Pueblo. Design and permitting are scheduled to begin mid-2013 through mid-2014. Construction is expected to follow beginning in mid-2014.



**C150356**

**CWCB Water Project Loan Program  
Project Data Sheet**

**Borrower:** Bellyache Ridge Metropolitan District    **County:** Eagle

**Project Name:** Well Replacement Project

**Project Type:** Well Drilling

**Drainage Basin/ District:** Colorado / 37

**Water Source:** Groundwater

**Total Project Cost:** \$355,000

**Funding Source:** Construction Fund/  
DOLA Energy and Mineral Impact  
Assistance Fund

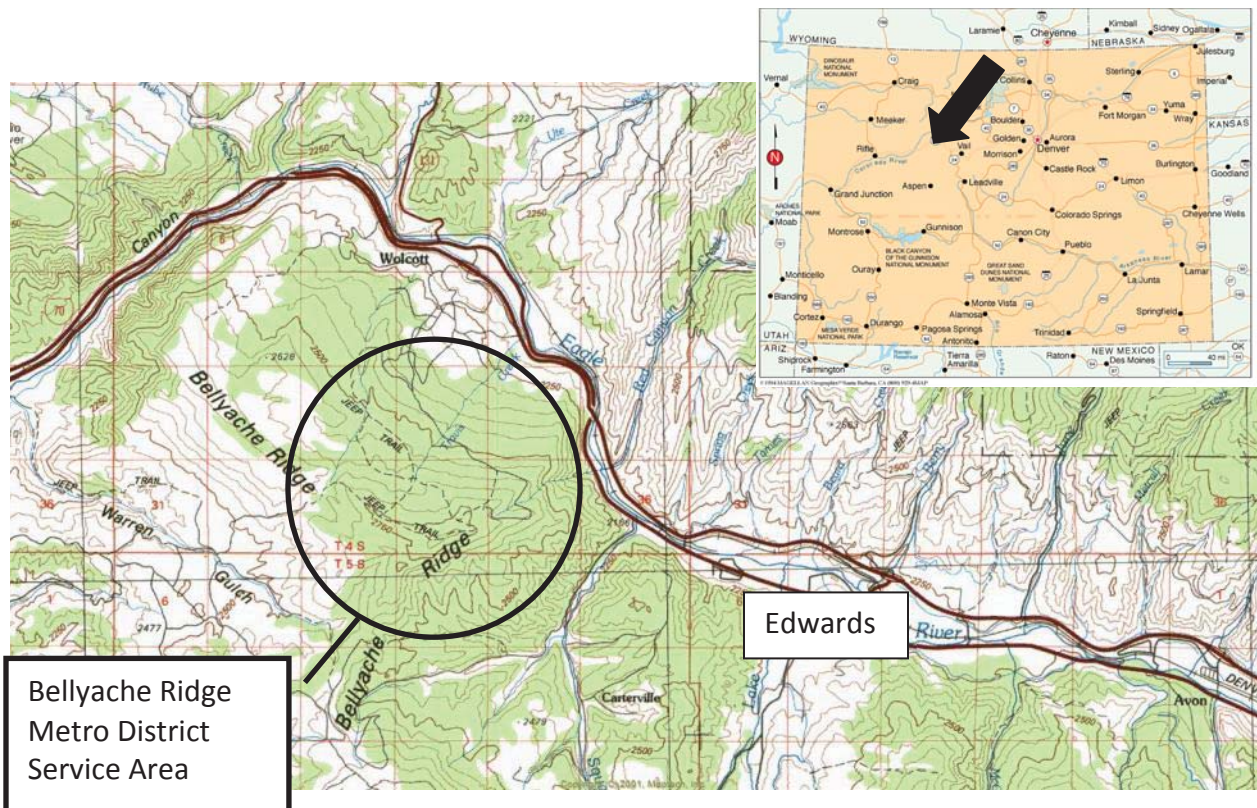
**Type of Borrower:** Municipal (High)

**Average Annual Diversion:** 11 AF

**CWCB Loan:** \$169,175  
(with 1% Service Fee)

**Interest Rate:** 3.0%    **Term:** 30 years

The District is located in Eagle County approximately six miles west of Edwards, Colorado. The District's water system includes three wells that fill two storage tanks. From January through March of 2013, the District had to haul in water because declining well production was not able to keep up with demands. Spring storms recharged the groundwater supply such that the District has not hauled water since March, but unless a new well is drilled hauling water will likely be required in the future. A new replacement well will be drilled as soon as funding is available.



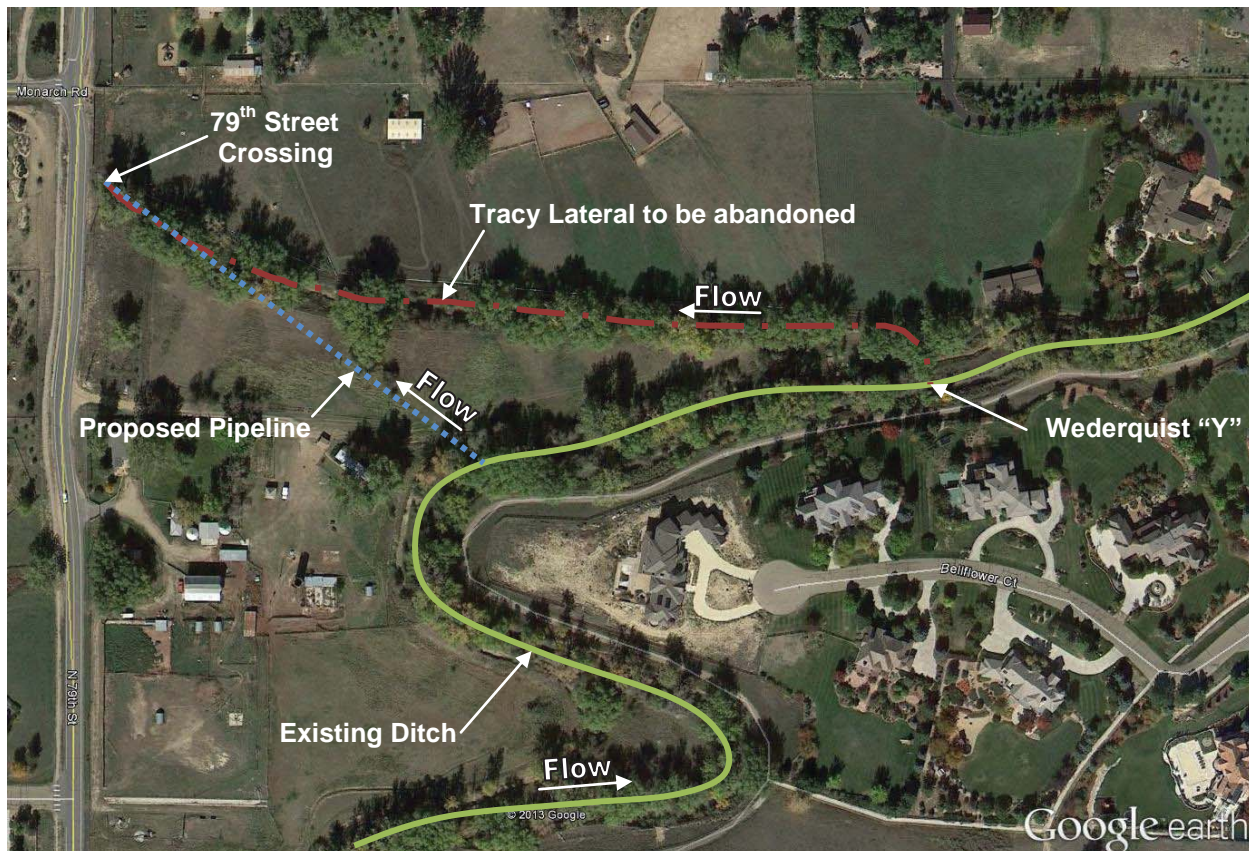


**CWCB Water Project Loan Program  
Project Data Sheet**

**C150357****Borrower:** Boulder and Left Hand Irrigation Company**County:** Boulder**Project Name:** Tracy Lateral Pipeline at the Wederquist "Y"**Project Type:** Ditch Rehabilitation**Drainage Basin/ District:** South Platte / 6**Water Source:** Boulder Creek**Total Project Cost:** \$175,000**Funding Source:** Construction Fund**Type of Borrower:** Municipal/Agricultural**Average Annual Diversion:** 2,869**CWCB Loan:** \$159,075 (with 1% service fee)**Interest Rate:** 2.35% **Term:** 30-years  
(Blended)

The Boulder and Left Hand Irrigation Company is a Mutual Ditch Company and Non-Profit Corporation. The Irrigation Company acquired Boulder and Left Hand Ditch Company in 1921, which had operated the ditch system since 1873. The Irrigation Company serves approximately 2,000 acres of farm land between Boulder, CO and Longmont, CO. The Tracy Lateral Pipeline at the Wederquist "Y" project will improve the hydraulic efficiency of the Tracy Lateral while reducing the operational and maintenance cost of the Irrigation Company by replacing a 1500 ft problem section of the Tracy Lateral with a pipeline. Construction is expected to commence in the fall of 2013.

**Project Site** ————— ○



**CWCB Water Project Loan Program  
Project Data Sheet**

**C150359**

**Borrower:** Town of Fowler, Water Enterprise

**County:** Otero

**Project Name:** Augmentation Pipeline Project

**Project Type:** Augmentation

**Drainage Basin/ District:** Arkansas / 17

**Water Source:** Arkansas River

**Total Project Cost:** \$305,000

**Funding Source:** Construction Fund

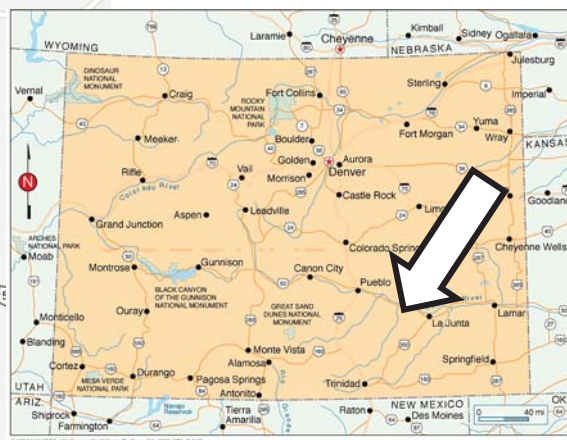
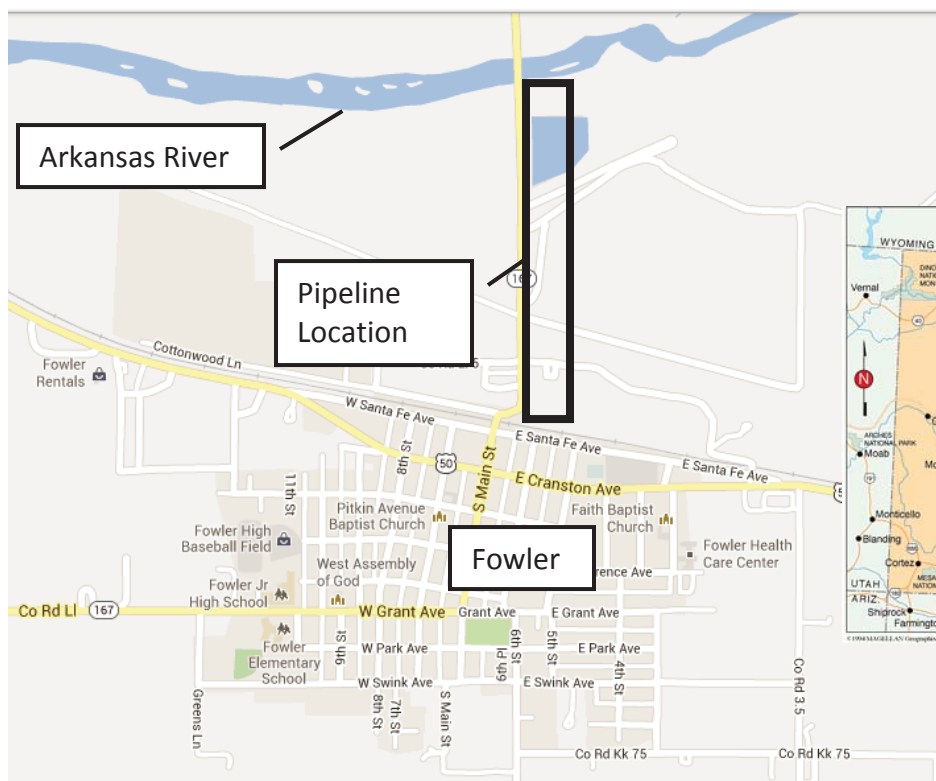
**Type of Borrower:** Municipal (Low)

**Average Annual Diversion:** 157 AF

**CWCB Loan:** \$277,245  
(with 1% Service Fee)

**Interest Rate:** 2.25% **Term:** 30 years

The Town is located in Otero County along Highway 50, approximately 35 miles east of Pueblo. It has approximately 1,185 residents. The Town's water system service area includes the Town and adjacent areas within unincorporated Otero and Crowley Counties for a total of 709 taps. Per a water court mandate, the Town must separate its augmentation water from its stormwater. The purpose of this project is to construct a diversion box to separate stormwater from augmentation water and to pipe the augmentation water to the Arkansas River. Construction of the Project is scheduled for the fall of 2013 with completion expected to occur by the end of the year.

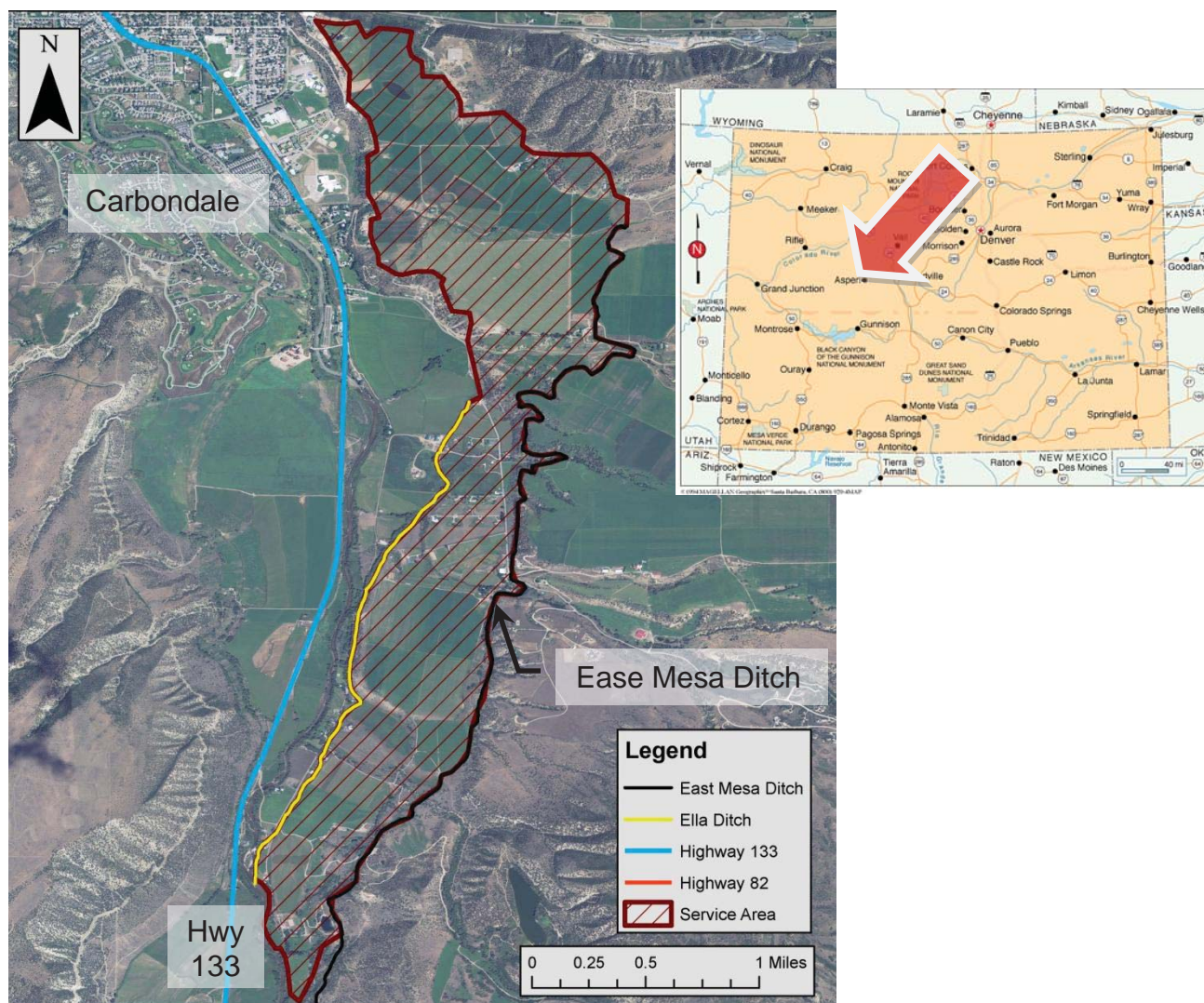




# CWCB Water Project Loan Program Project Data Sheet

**C150360****Borrower:** East Mesa Water Company**County:** Pitkin, Garfield**Project Name:** Ditch Piping Project**Project Type:** Ditch Rehabilitation**Drainage Basin/District:** Colorado/38**Water Source:** Crystal River**Total Project Cost:** \$550,000**Funding Source:** Construction Fund, NRCS**Type of Borrower:** Agricultural**Average Annual Diversion:** 9,669AF**CWCB Loan:** \$555,500 (initial loan)  
\$255,500 (long term - post construction loan w/service fee)**Interest Rate:** 1.75% **Term:** 30yr

This Company is located in the Crystal River Valley in the western portion of Pitkin County and provides irrigation water diverted out of the Crystal River. The earthen ditch enters a 650 foot long rock tunnel that is collapsing. The Company is working with the NRCS to realign the ditch to avoid the tunnel by putting the ditch into a new 1,450 foot HDPE pipe. The Company serves 12 shareholders and is primarily used to grow hay and forage crops for cattle ranching. The Company is approved for grant funding from NRCS and construction is anticipated to occur in the fall of 2013.



# Water Project Loan Program Project Data Sheet

**C150361**

<b>Borrower:</b>	Lone Cabin Ditch and Reservoir Company	<b>County:</b>	Delta
<b>Project Name:</b>	Lone Cabin Dam Rehabilitation Project	<b>Project Type:</b>	Dam Rehabilitation
<b>Drainage Basin:</b>	Gunnison / District 40	<b>Water Source:</b>	Minnesota Creek
<b>Total Project Cost:</b>	\$334,300	<b>Funding Source:</b>	Construction Fund, WSRG Grant
<b>Type of Borrower:</b>	Agricultural	<b>Avg. Annual Diversion:</b>	950 AF
<b>CWCB Loan:</b>	\$252,800 (inc. 1% Service Fee)	<b>Interest Rate:</b>	1.75% <b>Term:</b> 30yr

The Company provides irrigation water storage for 18 farms located on Lamborn Mesa approximately 5 miles southeast of Paonia, CO. The reservoir has a storage capacity of 163 acre-feet; however it is currently restricted by the State Engineer's Office to a storage level 20-feet below the dam crest due to slumping of the downstream face of the dam. The Company hired Buckhorn Geotech to investigate the slump.





**Interest Rate: 2.15% Term: 30-years**  
(34% Ag, 53% Low, 12% Mid, <1% High, <1% Com)

Horseshoe Lake, owned by Seven Lakes, has a surface area of 650 acres and a storage capacity of 8,051 acre-feet. The Horseshoe Lake project will be used to increase the conveyance capability from Horseshoe Lake into Boyd Lake to 1,100 cfs, at higher reservoir levels, so the Company and Seven Lakes can more efficiently provide irrigation water to shareholders.



**CWCB Water Project Loan Program  
Project Data Sheet**

**C150363**

**Borrower:** Petrocco Family Limited Partnership    **County:** Adams/Weld

**Project Name:** Water Rights Purchase

**Project Type:** Water Rights Purchase

**Drainage Basin/ District:** South Platte / 2,3

**Water Source:** South Platte River  
Cache la Poudre River

**Total Project Cost:** \$925,000

**Funding Source:** Construction Fund

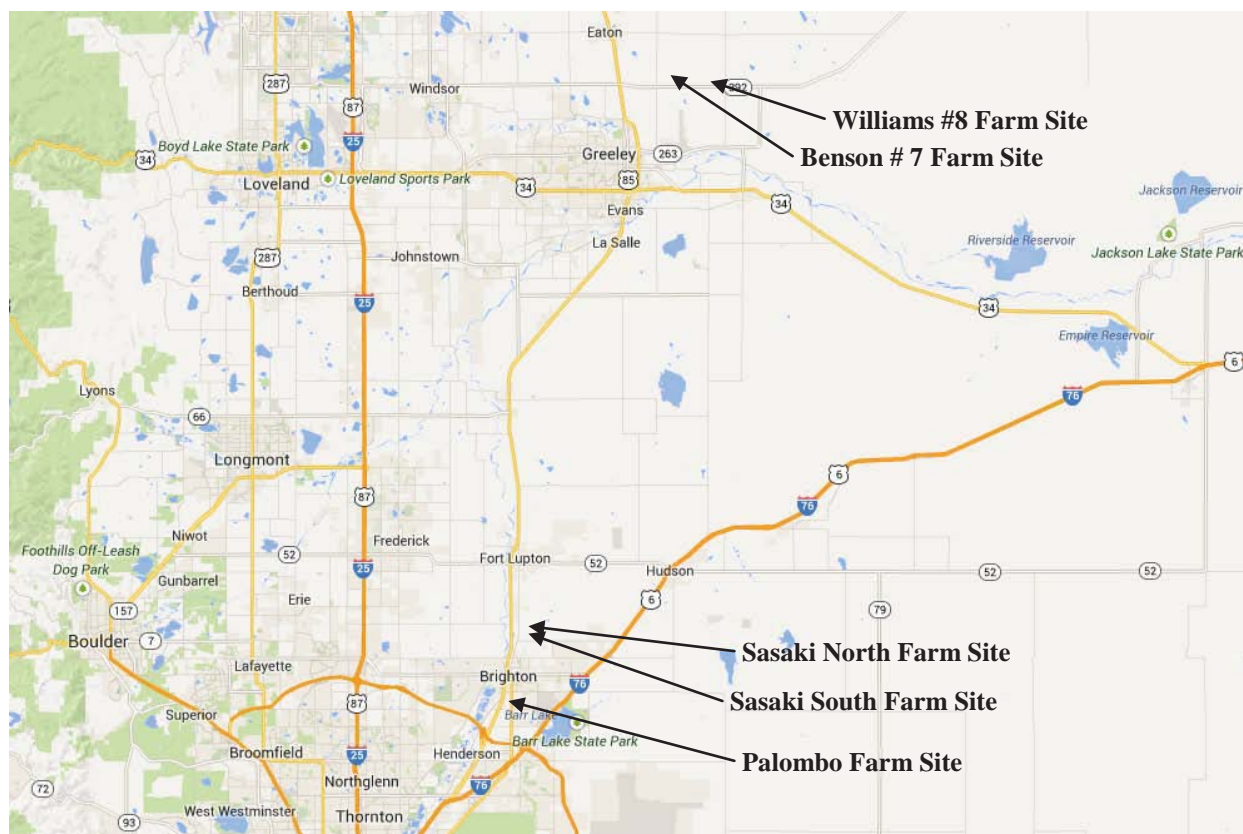
**Type of Borrower:** Agricultural

**Average Annual Diversion:** 3,000 AF

**CWCB Loan:** \$840,825  
(with 1% service fee)

**Interest Rate:** 1.50% **Term:** 20-years

Petrocco Family Limited Partnership is a family owned and operated produce business located in Brighton, CO and has been in operation since 1916. Its operations currently include farming approximately 2,600 acres in western Adams and Weld counties. This area extends from the home offices south of Brighton, north along the U.S. Highway 85 corridor approximately 25 miles to an area east of Lucerne. The Petrocco Family Limited Partnership holds ownership of land, water, buildings, and equipment assets for the farming operation. The farms are water short when it comes to providing water to irrigate its 2,600 acres of farmland. In wanting to maintain its long term family business goals and to provide a more reliable water supply for its future farming operations, the Partnership has initiated a program of purchasing land and water shares, when available, from ditch and irrigation companies adjacent to its owned and leased farms. The water rights to be purchased from this loan are expected to provide an additional average annual yield of 261 acre-feet across 5 farm sites.



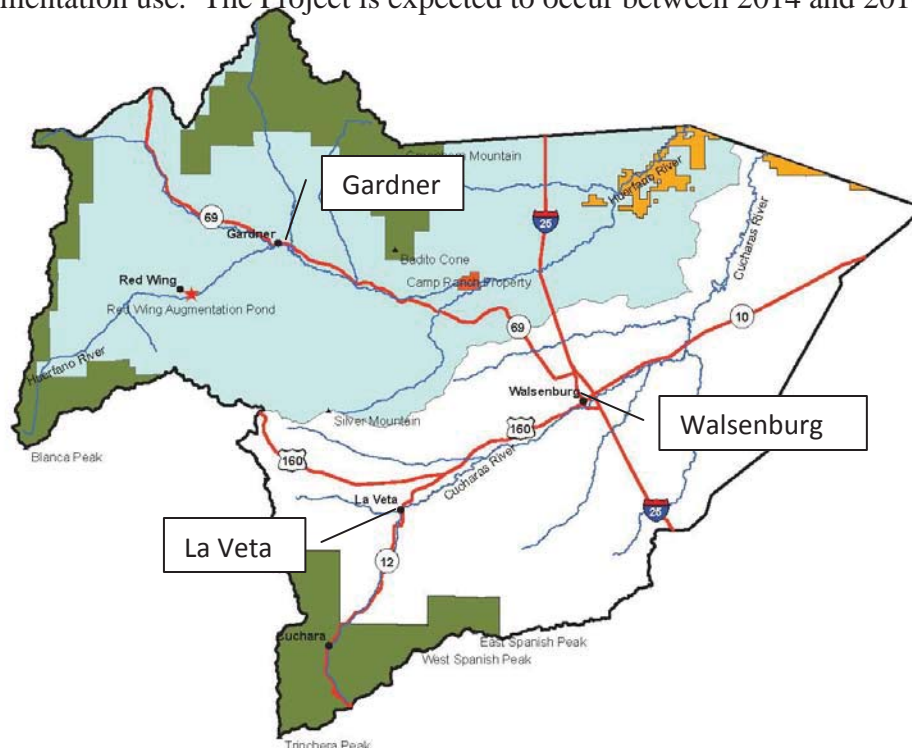


**C150364**

### Water Project Loan Program Project Data Sheet

<b>Borrower:</b>	Huerfano County Water Conservancy District	<b>County:</b>	Huerfano
<b>Project Name:</b>	Regional Augmentation Project	<b>Project Type:</b>	Water Rights Acquisition and Augmentation
<b>Drainage Basin:</b>	Arkansas / District 67	<b>Water Source:</b>	Huerfano River
<b>Total Project Cost:</b>	\$3,050,000	<b>Funding Source:</b>	Construction Fund
<b>Type of Borrower:</b>	Low-Income Municipal	<b>Avg. Annual Diversions:</b>	19.5 AF
<b>CWCB Loan:</b>	\$2,222,000 (w/ 1% service fee)	<b>Interest Rate:</b>	2.25%
		<b>Term:</b>	30 years

The Huerfano County Water Conservancy District is applying for a CWCB loan to develop a regional augmentation program to replace depletions of wells in unincorporated communities in Huerfano County through a regional augmentation program. Within Huerfano County there are many water users that are at risk of being curtailed due either to being out of priority or due to failing (or failed) augmentation plans. The users include schools and domestic, commercial, and agricultural users. The District has utilized a Substitute Water Supply Plan and Regional Rule 14 Replacement Plan from 2009 to 2013 to provide augmentation water to five entities that were in danger of having water use curtailed due to out of priority usage. The District believes that other water users will find it necessary to join the regional augmentation plan and the Division Engineer has indicated an urgent need for such a plan. Project components include: the purchase of land and water rights, the construction of a recharge reservoir, and the construction of a reservoir for augmentation use. The Project is expected to occur between 2014 and 2016.

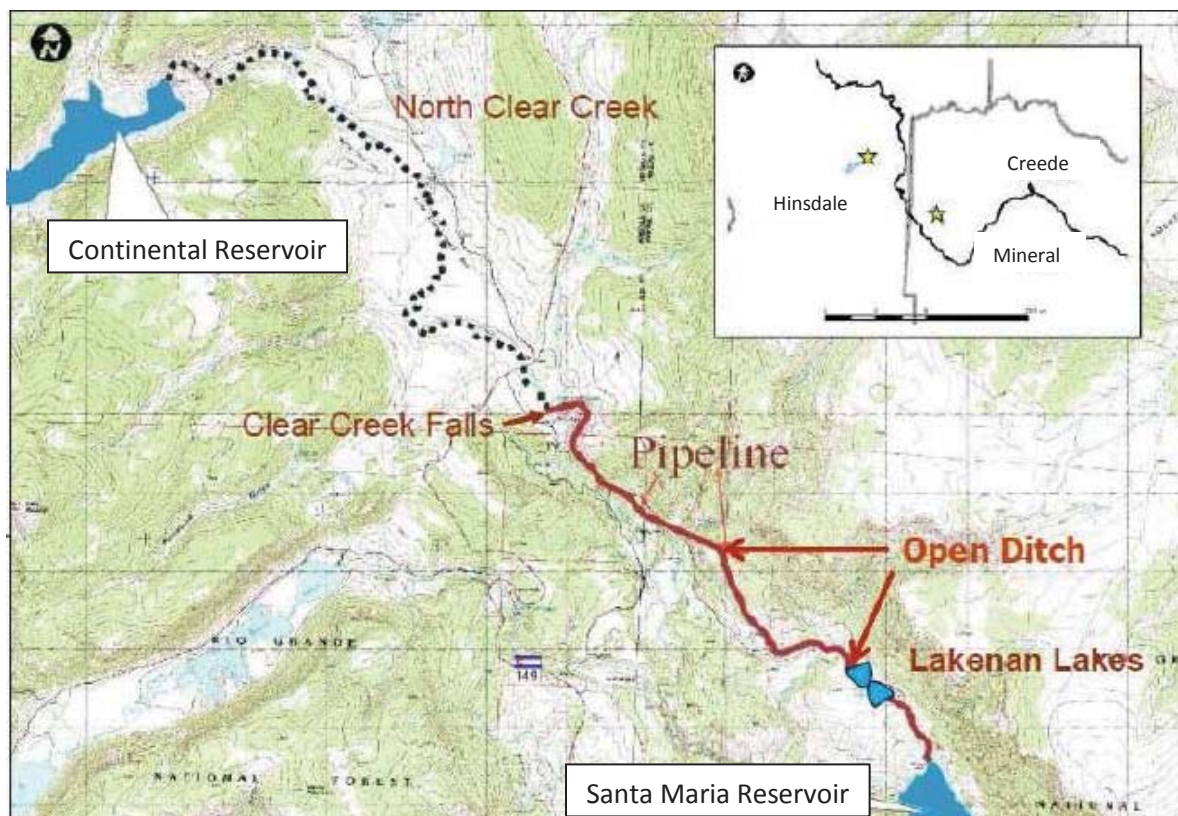


**C1503565**

**Water Project Loan Program  
Project Data Sheet**

<b>Borrower:</b>	Santa Maria Reservoir Company	<b>County:</b>	Hinsdale & Mineral	
<b>Project Name:</b>	Continental Dam Spillway Restoration Project	<b>Project Type:</b>	Dam Rehabilitation	
<b>Drainage Basin:</b>	Rio Grande / District 20	<b>Water Source:</b>	North Clear Creek	
<b>Total Project Cost:</b>	\$4,055,000	<b>Funding Source:</b>	Construction Fund and Water Supply Reserve Account Grants	
<b>Type of Borrower:</b>	Agricultural	<b>Avg. Annual Diversion:</b>	6,300 AF	
		<b>Recovered Storage:</b>	12,000 AF	
<b>CWCB Loan:</b>	\$3,071,633 (w/ 1% service fee)	<b>Interest Rate:</b>	1.75%	<b>Term:</b> 30 years

Santa Maria Reservoir Company owns and operates Continental Reservoir (27,000 AF) and Santa Maria Reservoir (43,500 AF), located in the Rio Grande River Basin near Creede, Colorado. Santa Maria and Continental operate in conjunction with each other via a conveyance system made up of a pipeline, siphon, and open ditch. For the past 20 years, Continental has been under a storage restriction due to seepage issues, limiting the storage to 15,000 AF. The purpose of this Project is to address seepage issues and repair the spillway Continental Reservoir in order to lift the storage restriction. Construction is expected to occur in the 2014 construction season.



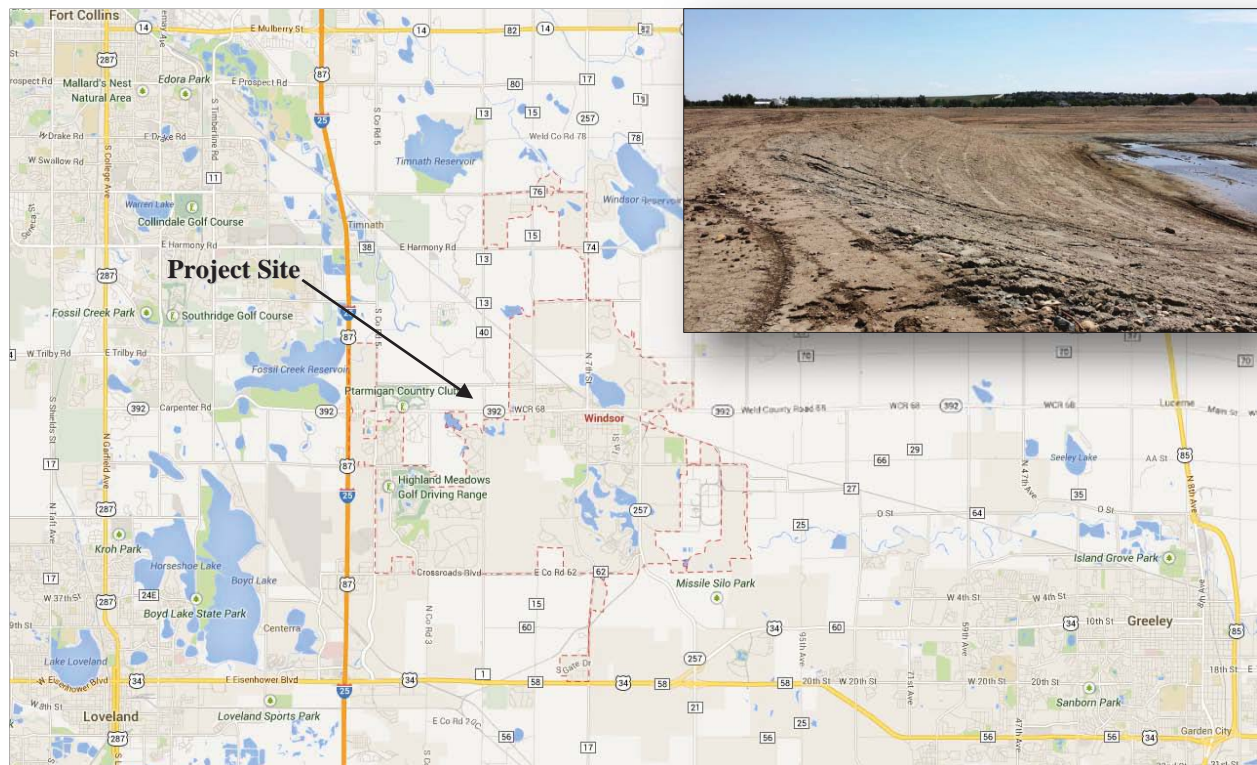


**CWCB Water Project Loan Program  
Project Data Sheet**

**C150366**

<b>Borrower:</b> Town of Windsor Water Enterprise	<b>County:</b> Larimer/Weld
<b>Project Name:</b> Kyger Reservoir Project	<b>Project Type:</b> Reservoir Construction
<b>Drainage Basin/ District:</b> South Platte / 3	<b>Water Source:</b> Cache la Poudre River
<b>Total Project Cost:</b> \$6,300,000	<b>Funding Source:</b> Construction Fund
<b>Type of Borrower:</b> Municipal (High)	<b>Average Annual Delivery:</b> 2035 AF
<b>CWCB Loan:</b> \$4,545,000 (with 1% service fee)	<b>Interest Rate:</b> 2.75% <b>Term:</b> 20-years

The Town of Windsor was incorporated in 1890 and adopted its Home Rule Charter in 2003. The Town has seen tremendous growth over the last decade and has a current population of approximately 18,700 people. The Town's Water Activity Enterprise was created by a Town Ordinance in 1994 and serves 5,604 taps. The Enterprise revenues come from water usage fees. The average water bill is \$45 per month. The purpose of this project is to provide the Town new water storage to help meet their current and future non-potable and augmentation water needs. This CWCB loan will go towards the purchase of the Kyger reservoir, the design and construction of the reservoir infrastructure, and the purchase of water rights.

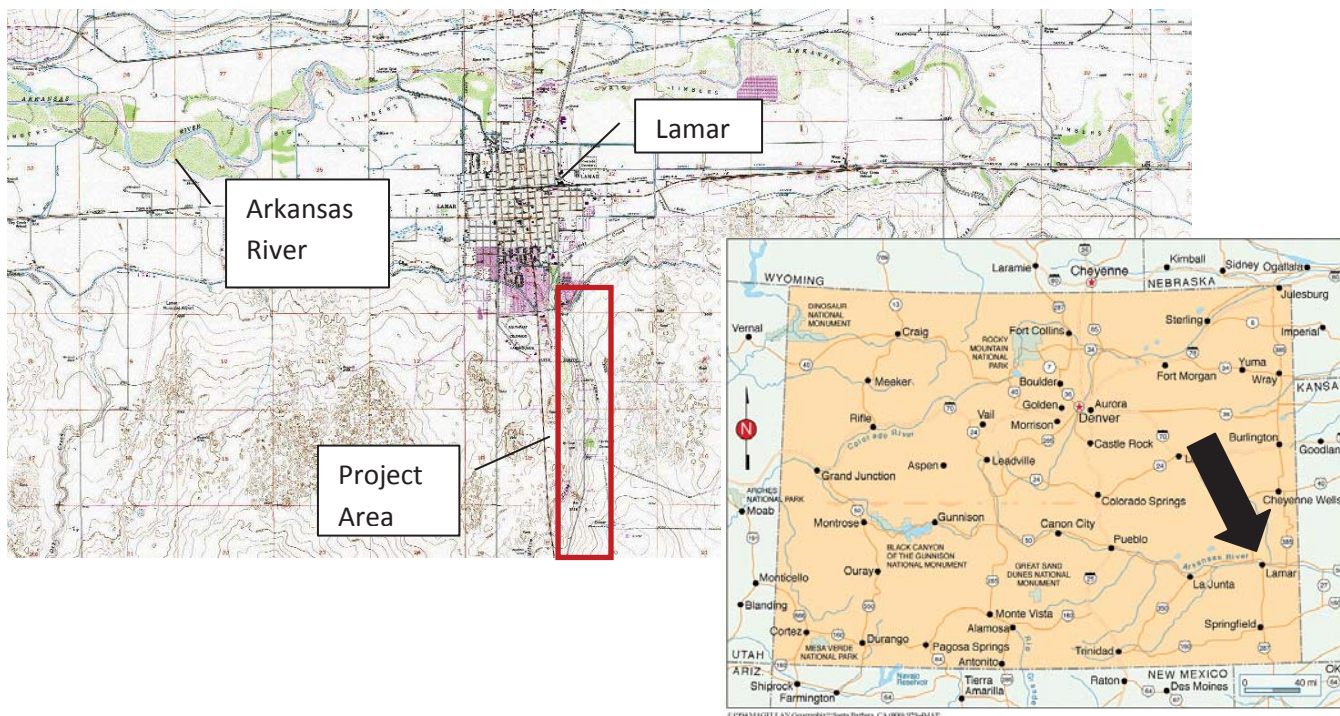


**C150367**

### Water Project Loan Program Project Data Sheet

<b>Borrower:</b>	City of Lamar, Water Activity Enterprise	<b>County:</b>	Prowers
<b>Project Name:</b>	Raw Water Transmission Line Replacement Project	<b>Project Type:</b>	Pipeline Construction
<b>Drainage Basin:</b>	Arkansas / District 67	<b>Water Source:</b>	Groundwater
<b>Total Project Cost:</b>	\$1,970,000	<b>Funding Source:</b>	Construction Fund, Water Supply Reserve Account Grants, and Department of Local Affairs Grant
<b>Type of Borrower:</b>	Low-Income Municipal	<b>Avg. Annual Delivery:</b>	2,005 AF
<b>CWCB Loan:</b>	\$792,850 (w/ 1% service fee)	<b>Interest Rate:</b>	2.25%
		<b>Term:</b>	30 years

The City, located in Prowers County in southeastern Colorado, provides water service to a population of approximately 7,800 people. The water supply comes from 29 active wells. The transmission line from the highest quality water producing wells was constructed of cast iron in 1933 as a part of the Works Projects Administration. Recent testing of the line showed high amounts of scale build-up, pin-hole leaks, and pressure drops. It is estimated that between 378 to 662 acre-feet of water will be saved annually once a new transmission line is installed. In June of 2013, the City was approved for a \$200,000 grant by the Arkansas Basin Roundtable from the Water Supply Reserve Account (\$50,000 from the Arkansas Basin Account and \$150,000 from the Statewide Account). In July of 2013, it was also awarded a \$985,000 grant from the Department of Local Affairs (DOLA) Energy/Mineral Impact Assistance Fund. Construction is expected to occur in early to mid 2014.





# STATE OF COLORADO

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## Colorado Water Conservation Board Department of Natural Resources

1313 Sherman Street, Room 721  
Denver, Colorado 80203  
Phone: (303) 866-3441  
Fax: (303) 866-4474  
www.cwcb.state.co.us



TO: Colorado Water Conservation Board Members

FROM: Anna Mauss, P.E. Loan Marketing  
Finance & Administration Section

DATE: November 8, 2013

SUBJECT: **Directors Report, November 19-20, 2013 Board Meeting**  
**Finance– Current Prequalified Project List and Loan Prospect Summary**

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John W. Hickenlooper  
Governor

Mike King  
DNR Executive Director

James Eklund  
CWCB Director

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The Finance Section compiles a list of prequalified projects for the Water Project Loan Program. In order to be included on this list, potential borrowers must submit a Loan Application and two years of financial statements to the CWCB staff. In addition, Borrowers requesting to be placed on the Prequalification Project List have a defined project, have performed preliminary engineering, and have a reasonable estimate of the project costs.

Projects on this list fit the initial criteria of the Water Project Loan Program; however, the list does not constitute loan approval. In order to receive a loan, borrowers must additionally submit a completed Loan Feasibility Study for review by CWCB staff. Staff will then prepare a recommendation to the Board for approval at a future CWCB meeting. Projects will remain on this list for one year from the date of the application or until Board approval of a loan.

## Prequalified Project List

BORROWER	PROJECT NAME	APPLICATION DATE	BASIN	PROJECT DESCRIPTION	PROJECT COST	LOAN AMOUNT
<b>Previously Approved Applications</b>						
Donald Shahan	Crowley Dam Rehabilitation	May 1, 2013	San Juan / Dolores	This project involves the replacement of the outlet pipe and spillway repair at Crowley Reservoir.	\$260,000	\$234,000
Cottonwood Water and Sanitation District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$4,600,000
Castle Pines North Metropolitan District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$8,400,000



Dominion Water and Sanitation District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$32,400,000
Pinery Water and Sanitation District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$11,400,000
Rangeview Metropolitan District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$6,300,000
Stonegate Village Metropolitan District	WISE Partnership	January 1, 2013	Metro	The Water Infrastructure and Supply Efficiency Partnership is a regional water supply project between Aurora, Denver Water, and South Metro to combine excess water supplies and system capacities to create a more sustainable water supply.	\$120,000,000	\$7,600,000
Rio Grande Water Conservation District	Atkins Ranch Water Right Purchase	January 1, 2013	Rio Grande	This project is the purchase of a water right that was historically used for irrigation and changing the water right to provide replacement water for well depletions.	\$1,800,000	\$1,500,000

Rio Grande Water Conservation District	Treasure Pass Transmountain Diversion Water Rights Purchase	January 1, 2013	Rio Grande	This project is the purchase of a privately held transmountain diversion to provide water to replace injurious well depletions to the Rio Grande River.	\$2,335,000	\$2,100,000
Totals					\$124,395,000	\$74,534,000



The Finance Section also compiles a list of potential borrowers/projects for the Water Project Loan Program. This list represents borrowers that have contacted the CWCB about a potential need for funding but have not submitted a loan application and/or a loan feasibility study.

## LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
South Platte					
	11-Jan	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	11-Oct	NISP Participants	NISP		\$30,000,000
	13-Oct	Chatfield Reallocation Participants	Chatfield Reallocation Participants		\$70,000,000
	11-Dec	Pinehurst Country Club	Harriman Reservoir	\$5,000,000	\$500,000
	12-Feb	McKay Lateral	Ditch Lining Project		\$50,000
	12-Jun	Foothills Park & Recreation	Reservoir Expansion	\$10,000,000	\$900,000
	12-Oct	Shamrock Irrigation Company	Reservoir Rehabilitation		\$100,000
				<b>TOTAL</b>	<b>\$104,550,000</b>
Arkansas					
	11-Sep	Ditch and Reservoir company	Big Johnson Reservoir		\$8,000,000
	12-Oct	Highline Canal Company	Water Rights Purchase	\$4,500,000	\$4,100,000
	12-Feb	Colorado City Metro District	Beckwith Dam Repair		\$500,000
	13-Apr	City of Walsenburg	Reservoir(s) Rehabilitation		\$6,000,000
				<b>TOTAL</b>	<b>\$18,600,000</b>
San Miguel/Juan					
	11-Feb	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				<b>TOTAL</b>	<b>\$200,000</b>
Colorado					
		Highland Ditch Co	Ditch Rehabilitation Project	\$200,000	\$200,000
		Ian Carney - Felix Tornare	Polaris Reservoir Rehabilitation	\$500,000	\$500,000
				<b>TOTAL</b>	<b>\$700,000</b>
Gunnison					
	12-Oct	Fire Mountain Canal & Reservoir Co.	New Reservoir		\$500,000
				<b>TOTAL</b>	<b>\$500,000</b>
Rio Grande					
	13-Sept	Manasa Land & Irrigation Co.	Ditch Rehabilitation		\$1,000,000
				<b>TOTAL</b>	<b>\$1,000,000</b>

Yampa					
				<b>TOTAL</b>	<b>\$0</b>

Information shown is based on current staff knowledge and will likely change as Loan Prospects develop

### Recent inquiries:

Platteville Irrigating & Milling Company – Ditch rehabilitation project

Enduring Hydro – Hydroelectric Project

Falls Creek Ranch Association – Dam rehabilitation

Colorado Springs Flycasting Club – Dam rehabilitation

Stonewall Springs – Reservoir construction

Two Rivers Water and Farming – Augmentation project

Cedar Springs Improvement Association – Reservoir rehabilitation



**COLORADO WATER CONSERVATION BOARD**

**FINANCIAL ACTIVITY REPORT FOR FISCAL YEAR 2014**

**CONSTRUCTION FUND**

<b>Period</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Received</b>	<b>Disbursements</b>	<b>Net Activity</b>
July 2013	\$ 801,388	\$ 383,210	\$ 1,184,598	\$ 414,940	\$ 769,658
August 2013	\$ 246,382	\$ 240,889	\$ 487,271	\$ 1,884,780	\$ (1,397,509)
September 2013	\$ 193,739	\$ 1,094,495	\$ 1,288,234	\$ 936,836	\$ 351,398
October 2013	\$ 748,038	\$ 648,802	\$ 1,396,840	\$ 1,700,940	\$ (304,100)
November 2013	\$ -	\$ -	\$ -	\$ -	\$ -
December 2013	\$ -	\$ -	\$ -	\$ -	\$ -
January 2014	\$ -	\$ -	\$ -	\$ -	\$ -
February 2014	\$ -	\$ -	\$ -	\$ -	\$ -
March 2014	\$ -	\$ -	\$ -	\$ -	\$ -
April 2014	\$ -	\$ -	\$ -	\$ -	\$ -
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
<b>FY 2014 Totals</b>	<b>\$ 1,989,547</b>	<b>\$ 2,367,396</b>	<b>\$ 4,356,943</b>	<b>\$ 4,937,495</b>	<b>\$ (580,552)</b>

**SEVERANCE TAX PERPETUAL BASE FUND**

<b>Period</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Received</b>	<b>Disbursements</b>	<b>Net Activity</b>
July 2013	\$ 205,385	\$ 217,528	\$ 422,913	\$ -	\$ 422,913
August 2013	\$ 199,053	\$ 317,810	\$ 516,864	\$ -	\$ 516,864
September 2013	\$ 2,647,007	\$ 1,367,603	\$ 4,014,609	\$ 51,256	\$ 3,963,353
October 2013	\$ 600,691	\$ 450,106	\$ 1,050,797	\$ 14,140	\$ 1,036,658
November 2013	\$ -	\$ -	\$ -	\$ -	\$ -
December 2013	\$ -	\$ -	\$ -	\$ -	\$ -
January 2014	\$ -	\$ -	\$ -	\$ -	\$ -
February 2014	\$ -	\$ -	\$ -	\$ -	\$ -
March 2014	\$ -	\$ -	\$ -	\$ -	\$ -
April 2014	\$ -	\$ -	\$ -	\$ -	\$ -
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
<b>FY 2014 Totals</b>	<b>\$ 3,652,137</b>	<b>\$ 2,353,047</b>	<b>\$ 6,005,184</b>	<b>\$ 65,396</b>	<b>\$ 5,939,788</b>

<b>GRAND TOTALS</b>	<b>\$ 5,641,683</b>	<b>\$ 4,720,443</b>	<b>\$ 10,362,127</b>	<b>\$ 5,002,891</b>	<b>\$ 5,359,235</b>
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Table 1. Wild and Scenic Rivers Suitability Determination by USFS's San Juan National Forest

Agency	Segment	Segment Length	W&S Class	ORVs	Stakeholder Process	Stakeholder Group Planned Actions
BLM with some USFS segments	Dolores River, McPhee to Bedrock	109.03 miles suitable (includes 11.8 miles of UFO) –18% state and private lands	Wild, Scenic & Recreation	Fish (roundtail chub, flannelmouth sucker* & bluehead sucker*), Wildlife (canyon tree frog), Recreation (rafting), Scenery, Geology, Ecological, (New Mexico privet & Eastwood's monkeyflower), & Archaeology (cliff dwellings & rock art)	Lower Dolores Plan Working Group (LDPWG, subgroup of DRD)	<p>A LDPWG appointed Legislative Subcommittee is drafting principles for proposed legislation to establish an NCA to protect ORVs &amp; remove suitability. As part of this compromise, the group is discussing whether the Dolores River Canyon WSA should become permanent Wilderness.</p> <p>The Legislative Subcommittee also commissioned A Way Forward native fish study, which led to the formation of an Implementation Team. The Implementation team is currently preparing an Implementation Monitoring and Evaluation Plan for Native Fish scheduled for completion near the end of 2013. This plan may include potential operational changes to McPhee Reservoir to provide flows that would improve habitat conditions for the native fish.</p>
USFS with some BLM segments	Animas River - Bakers Bridge to Sultan Creek	27.19 miles - roughly 10% private lands	Recreation	Recreation (Durango-Silverton Narrow Gauge Railroad, whitewater boating, fishing), Scenery, Cultural & Historical	River Protection Workgroup (RPW) - Animas	<p>The RPW stakeholders are currently conducting a Regional Discussion for the entire San Juan River basin with the aim to develop consensus approaches to protect these river segments while allowing water development to continue. This discussion would draw on the work of the local Animas RPW stakeholder group. Specifically, the local group came to consensus agreement that there be no new major impoundments on these segments with special considerations discussed for the Animas-La Plata project and the Town of Silverton water rights. The group also agreed that an ISF is not an applicable protection for this section of the</p>
USFS with some BLM segments	Mineral Creek	8.65 miles - 16% private lands	Recreation	Recreation & Scenery (San Juan Skyway, All-American Road and a national scenic byway) & Ecology (Baltic sphagnum moss, associated with the Chattanooga iron fen)		



Table 1. Wild and Scenic Rivers Suitability Determination by USFS's San Juan National Forest

Agency	Segment	Segment Length	W&S Class	ORVs	Stakeholder Process	Stakeholder Group Planned Actions
USFS	South Fork Mineral Creek	7.41 miles - 3.4% private lands	Recreation	Ecology (iron fen/wetland complex) & Wildlife (black swifts)		<p>Animas River. The local group came to consensus that the following be considered for protection of the fens on Mineral and South Mineral Creek:</p> <ul style="list-style-type: none"> <li>• mapping and prioritization of fens in region for protection</li> <li>• consider new county level protections for fens</li> <li>• study the water sources for the fens to identify appropriate tools</li> </ul> <p>There was also consensus that the following be explored for protection of the Black Swifts on South Mineral Creek:</p> <ul style="list-style-type: none"> <li>• CO's Intstream Flow (ISF) program for habitat preservation</li> <li>• seasonal recreational closure of the waterfall for habitat preservation</li> <li>• study of impacts of human activity and timing on Black Swifts</li> </ul>
USFS	Hermosa Creek and tributaries	62.28 miles – 2% private lands	Wild, Scenic & Recreation	Fish (Colorado River cutthroat trout) & Recreation (hunting and mountain biking)	River Protection Workgroup (RPW) - Hermosa	<p>As stated above, the basin-wide Regional Discussion would draw on the work of the local Hermosa RPW stakeholder group. Specifically, the local group came to consensus agreement that Hermosa "land protection" special federal legislation be drafted with the following principal elements:</p> <ul style="list-style-type: none"> <li>• 150,000-acre Special Management Area (SMA, or similar designation) with management plan</li> <li>• 50,000-acre Hermosa Creek Wilderness within the SMA</li> <li>• inventoried roadless area remain un-roaded</li> <li>• mineral withdrawal for entire SMA with exceptions to allow for limited infill claim filing and development</li> <li>• logging allowed in previously logged areas</li> </ul>

Table 1. Wild and Scenic Rivers Suitability Determination by USFS's San Juan National Forest

Agency	Segment	Segment Length	W&S Class	ORVs	Stakeholder Process	Stakeholder Group Planned Actions
						<p>with restrictions</p> <ul style="list-style-type: none"> <li>maintain Statewide Water Supply Initiative (SWSI) reservoir site</li> </ul> <p>Additional recommendations, outside of proposed legislation, were also agreed to:</p> <ul style="list-style-type: none"> <li>additional potential water protections including a possible W&amp;S designation (coupled with removal of W&amp;S suitability on other segments), will be discussed during Regional Discussion</li> <li>standards for roads and/or trails need to be bolstered</li> <li>active community-based Advisory Council.</li> </ul>
USFS	Los Pinos & tributaries above Vallecito	54.17 miles – 100% public lands	Wild	Scenic	River Protection Workgroup (RPW) - Vallecito Creek/Pine River	<p>As stated above, the basin-wide Regional Discussion would draw on the work of the local Vallecito Creek/Pine River RPW stakeholder group. Specifically, the local group came to consensus on the following:</p> <ul style="list-style-type: none"> <li>additional protections, including W&amp;S designation, for the vast majority of the area is unnecessary and redundant due to the existing Wilderness designation</li> <li>Regional Discussion should include a discussion on whether suitability for the Upper Pine River should be maintained or removed.</li> </ul>
USFS	Mainstem of Piedra River North of Hwy 160 to Forks	22.06 miles – ?% private lands	Wild & Recreation	Scenery (hot springs), Recreation (whitewater boating and fishing), Geology & Archaeology	River Protection Workgroup (RPW) - Piedra	<p>As stated above, the basin-wide Regional Discussion would draw on the work of the local Piedra River RPW stakeholder group. Specifically, the local group came to consensus on a package that includes creation of a SMA surrounding the Piedra Area and the contiguous Colorado Roadless Areas. The SMA package includes:</p> <ul style="list-style-type: none"> <li>intent to preserve the existing character</li> </ul>

Table 1. Wild and Scenic Rivers Suitability Determination by USFS's San Juan National Forest

Agency	Segment	Segment Length	W&S Class	ORVs	Stakeholder Process	Stakeholder Group Planned Actions
USFS	East Fork of Piedra River in wilderness and North of wilderness boundary	9.4 miles – ?% private lands	Wild	Fish (Colorado River cutthroat trout) & Scenery (waterfalls)		<ul style="list-style-type: none"> <li>no new major impoundments on specific segments</li> <li>mineral withdrawal on federal lands</li> <li>removal of W&amp;S eligibility and suitability in the basin</li> <li>no need for new ISFs</li> </ul> <p>The local group also came to consensus on:</p> <ul style="list-style-type: none"> <li>preserving the health of watershed as a whole</li> <li>agricultural practices, including diversion structures and decreed water rights) should be protected</li> <li>cooperation with water right holders and water districts to help maintain minimum flows in the stream and avoid dewatering should be encouraged</li> </ul>
	Middle Fork Piedra River	19.3 miles – Roughly 4% private lands	Wild & Recreation	Scenery (general), Recreation (general), & Geology (general)		
USFS	West Fork San Juan River	10.70 miles – 100% public lands	Wild & Recreation	Geology	River Protection Workgroup (RPW) – San Juan	The local San Juan RPW stakeholder group came to agreement that current protections on the public land portion of the West Fork are adequate; however, final consensus was delayed until the Regional Discussion is completed. The group also came to consensus that W&S suitability should be removed from private lands. There was not consensus on suitability or eligibility for the East Fork. Agreement was also reached on exploring the following protection tools during the Regional Discussion:
	East Fork San Juan River**	13.2 miles – 54.5% private	Recreation	Geology		<ul style="list-style-type: none"> <li>mineral withdrawal</li> <li>local Community Council</li> <li>establishment of “Planning &amp; Zoning District”</li> <li>county policies, zoning and land use codes</li> <li>deed restrictions</li> </ul>

\* The flannelmouth sucker and the bluehead sucker were not included in the USFS and BLM's Draft Land and Resource Management Plan and Draft Environmental Impact Statement



**Table 1. Wild and Scenic Rivers Suitability Determination by USFS’s San Juan National Forest**

\*\*The East Fork of the San Juan River was not indicated as preliminarily suitable in the USFS and BLM’s Draft Land and Resource Management Plan and Draft Environmental Impact Statement

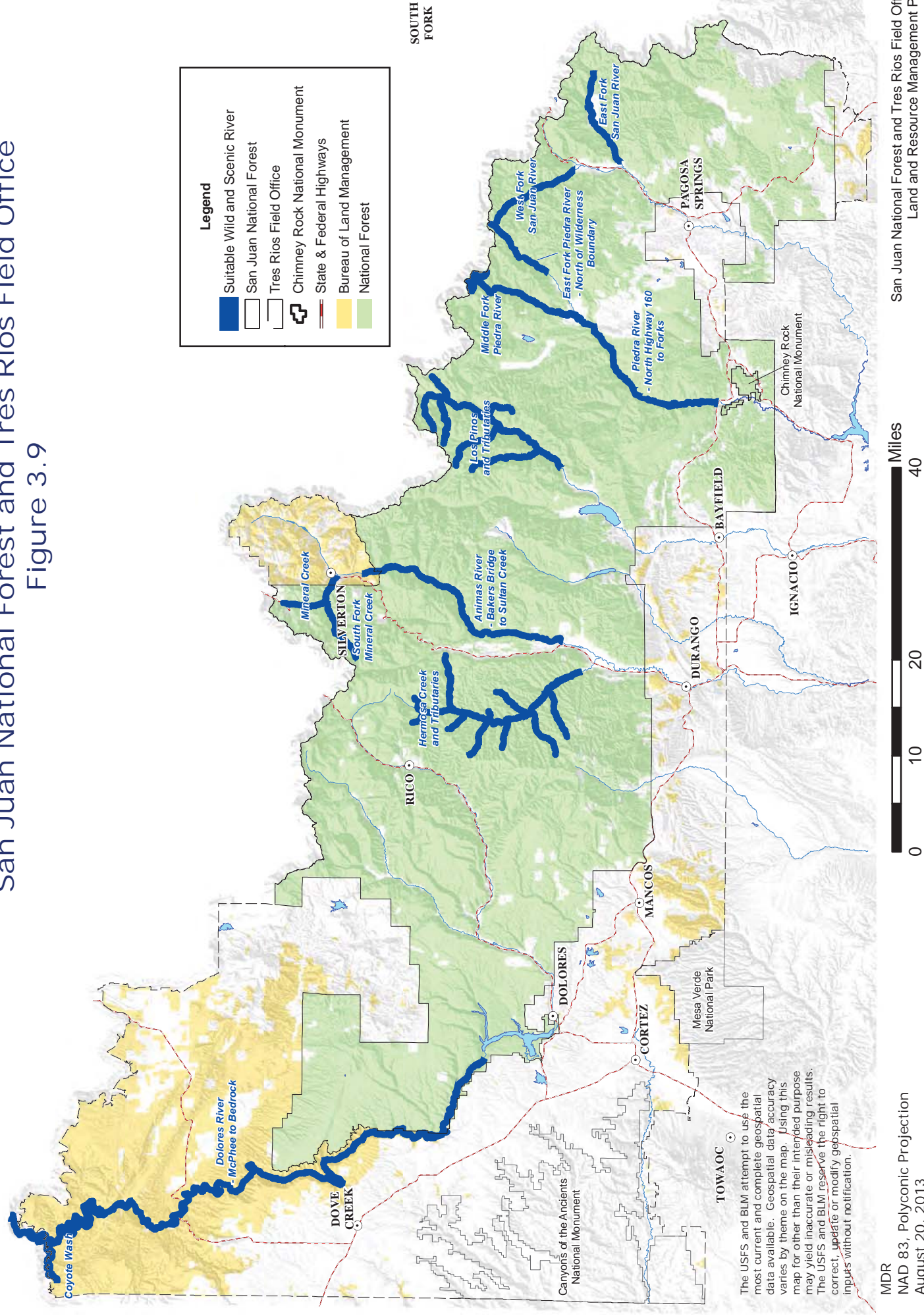
Notes:

BLM = Bureau of Land Management      ORV = Outstanding Remarkable Value      UFO = BLM Uncompahgre Field Office      USFS = U. S. Forest Service (San Juan National Forest)      W&S = Wild and Scenic      WSA = Wilderness Study Area      NCA = National Conservation Area  
DRD = Dolores River Dialogue      LDPWG = Lower Dolores Plan Working Group      ISF = Instream Flow water right      RPW = River Protection Workgroup

# Suitable Wild and Scenic Rivers

## San Juan National Forest and Tres Rios Field Office

### Figure 3.9





Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
<b>2013 September Board Approvals</b>									
Arkansas	Rocky Mountain Field Institute	Bear Creek Sediment Mitigation Project (Phase I)	Sep-13	\$15,000	\$65,000	\$100,000	Nonconsumptive	Chris Sturm	
Arkansas	Pikes Peak Regional Water Authority	Pikes Peak Regional Water Supply Infrastructure Study	Sep-13	\$25,000	\$50,000	\$75,000	Needs Assessment	Craig Godbout	
Arkansas	City of Lamar - Wastewater Department	Lamar Water Treatment Line	Sep-13	\$50,000	\$150,000	\$200,000	Municipal & Industrial	Anna Mauss	
Colorado	Grand County Water & Sanitation District	Reservoir 2 Enlargement and Lining Project	Sep-13	\$41,620	\$165,000	\$206,620	Agricultural	Anna Mauss	Staff recommends approval of up to \$165,000 from the Statewide Account and \$41,620 from the Colorado Basin Account to fund the: Grand County Water & Sanitary District #1 - Reservoir 2 Enlargement and Lining Project. Updated Lat/Long Fields 10/17/2013 Erik S.
Colorado	Irrigators of Lands in the Vicinity of Kremmling	Upper Colorado River Irrigation and Restoration Assessment Phase 1.	Sep-13	\$50,000	\$0	\$50,000	Agricultural	Chris Sturm	
Colorado	Colorado River Water Conservation District	Colorado Basin Implementation Plan	Sep-13	\$166,667	\$63,333	\$250,000	Needs Assessment	Jacob Bornstei	
Gunnison	Delta Conservation District	Somerset Diversion Improvement Study - North Fork of the Gunnison River Corridor Project	Sep-13	\$4,800	\$43,200	\$48,000	Municipal & Industrial	TBD To Be Det	
Metro	The Greenway Foundation	Grant-Frontier Park West Bank Riparian Floodplain Design and Construction Project	Sep-13	\$100,000	\$250,000	\$350,000	Needs Assessment	Chris Sturm	Staff recommends approval of up to \$250,000 from the Statewide Account \$100,000 from the Metro Basin Account for the Grant-Frontier Park West Bank Floodplain Design and Construction Project Updated Lat/Long field 10/22/2013 Erik S.
Metro	Plum Valley Heights Sub-District	Plum Valley Heights Water Supply Pipeline	Sep-13	\$50,000	\$0	\$50,000	Municipal & Industrial	TBD To Be Det	
Metro	Rural Water Authority of Douglas County	Rural Well Level Monitoring in Douglas County	Sep-13	\$50,000	\$0	\$50,000	Needs Assessment		
Rio Grande	Conejos Water Conservancy District	Radar Monitoring & Hydrologic Modeling in the Upper Rio Grande Basin	Sep-13	\$37,000	\$200,000	\$237,000	Other	Joe Bustio	
Rio Grande	Santa Maria Reservoir Company	Santa Maria Reservoir Phase 2 - Continental Dam and Spillway Restoration	Sep-13	\$51,000	\$962,750	\$1,013,750	Agricultural	Anna Mauss	
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Implementation Plan	Sep-13	\$211,000	\$100,000	\$311,000	Needs Assessment	Jacob Bornstei	
Rio Grande	Colorado Rio Grande Restoration Foundation	Piava Project - Phase 2: McDonald Ditch Implementation Project	Sep-13	\$22,000	\$409,000	\$431,000	Needs Assessment	Jonathan Hern:	
Rio Grande	Lone Cabin Ditch & Reservoir Company	Lone Cabin Dam Repair and Rehabilitation	Sep-13	\$38,000	\$232,688	\$270,688	Agricultural	Kirk Russell	
South Platte	Ducks Unlimited, Inc.	Slate Land Board South Platte Recharge Study	Sep-13	\$33,663	\$0	\$33,663	Municipal & Industrial	TBD To Be Det	
South Platte/Metro	South Metro Water Supply Authority	South Platte & Metro Integrated Basin Implementation Plan - Consumptive	Sep-13	\$274,000	\$138,000	\$412,000	Needs Assessment	Jacob Bornstei	
South Platte/Metro	Ducks Unlimited, Inc.	South Platte & Metro Integrated Basin Implementation Plan - Nonconsumptive	Sep-13	\$116,000	\$59,000	\$175,000	Needs Assessment	Jacob Bornstei	
Southwest	Ute Mountain Ute Tribe	Ute Mountain Ute Tribe Water Conservation and Management Plan	Sep-13	\$30,000	\$40,000	\$70,000	Needs Assessment	Kevin Reidy	
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model - Request for Supplemental Funding	Sep-13	\$0	\$6,926	\$6,926	Nonconsumptive	TBD To Be Det	
<b>2013 July Board Approvals</b>	Elmer L. Fergandich	Bonita Reservoir Dam Outlet Pipe Rehabilitation	Jul-13	\$54,285	\$0	\$54,285	Agricultural	Jonathan Hern:	
<b>2013 March Board Approvals</b>									
Arkansas	Southeastern Colorado Water Conservancy District	Arkansas River Basin Study	Mar-13	\$59,600	\$238,400	\$298,000	Other	Andy Moore	
Colorado	Mr. William Grange	Grace and Sheehi Diversion Rehabilitation Project (Phase I & II - Alternatives Evaluation & Detailed Design)	Mar-13	\$40,500	\$0	\$40,500	Agricultural	Jacob Bornstei	
Gunnison	Colorado Open Lands	Lake San Cristobal Inlet Preservation and Fishing Access Project	Mar-13	\$16,700	\$150,300	\$167,000	Nonconsumptive	Kirk Russell	
Rio Grande	SANGRE DE CRISTO ACEQUIA ASSOCIATION	Culebra Watershed Valjejos Ditch Headgate Replacement	Mar-13	\$10,000	\$90,000	\$100,000	Agricultural	Anna Mauss	





Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
Rio Grande	Santa Maria Reservoir Company	SANTA MARIA RESERVOIR SIPHON & CANAL SYSTEM REHABILITATION	Mar-13	\$23,000	\$440,750	\$463,750	Agricultural	Anna Mauss	
<b>2013 January Board Approvals</b>									
Arkansas	Purgatorie River Water Conservancy District	Purgatorie River Reach 3 Habitat Improvement Project	Jan-13	\$26,200	\$0	\$26,200	Nonconsumptive	Chris Sturm	
<b>2012 September Board Approvals</b>									
Gunnison	Town of Ridgway	Town of Ridgway Lake Otonowanda Renovation Project	Sep-12	\$60,000	\$540,000	\$600,000	Municipal & Industrial	Kirk Russell	
<b>2011 July Board Approvals</b>									
Southwest	Pagosa Lake Property Owners Association	Pagosa Lakes Area Village Lake Dam Outlet Pipe Repair Project	Jul-11	\$25,000	\$0	\$25,000	Municipal & Industrial	Kirk Russell	
<b>2011 May Board Approvals</b>									
Colorado	Orchard Mesa Irrigation District	Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	May-11	\$25,212	\$0	\$25,212	Agricultural	Jacob Bornstet	
<b>2011 March Board Approvals</b>									
Gunnison	Grand Mesa Water Conservancy District, Water Enterprise Fund	The Rehabilitation of Blanche Park Reservoir	Mar-11	\$75,000	\$0	\$75,000	Agricultural	Anna Mauss	Todd Doherty & Jacob Bornstein - Project Managers 7/11/13 Per Peg Mason the applicant/grantee can not accept funds for this grant until Jan 2014 per Mario Trimble, Bond Council.
<b>2010 July Board Approvals</b>									
South Platte	Northern Colorado Water Conservancy District	Data Logger and Telemetry Installation Project	Jul-10	\$46,000	\$0	\$46,000	Agricultural		
<b>2010 May Board Approvals</b>									
Gunnison	Lake San Cristobal Water Activity Enterprise (LSCWAC)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Municipal & Industrial	Kirk Russell	
<b>2009 July Board Approvals</b>									
Southwest	Town of Sawpit	Domestic Water System Construction	Jul-09	\$25,000	\$0	\$25,000	Municipal & Industrial	Anna Mauss	
				\$0	\$0	\$0			



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Arkansas	Colorado State Parks	Helena Diversion Structure/BV Boat Chute Improvement Project	Mar-11	\$35,000	\$290,000	\$325,000	Nonconsumptive	C150507	1/15/14
Arkansas	Lower Arkansas Valley Water Conservancy District	Super Ditch Delivery Engineering	Mar-11	\$0	\$225,837	\$225,837	Agricultural	C150490	12/31/13
Arkansas	City of Trinidad	North Lake Dam Rehabilitation Project	Mar-12	\$12,000	\$727,235	\$739,235	Municipal & Industrial	C150502	12/31/13
Arkansas	El Paso County by its Board of County Commissioners	Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	May-12	\$35,000	\$0	\$35,000		13IBC000018	3/31/15
Arkansas	Cross Creek Metropolitan District	Hale Reservoir Renovation – Final Design & Permitting	Sep-12	\$20,000	\$100,000	\$120,000	Municipal & Industrial	C150504	12/31/13
Arkansas	Pisgah Reservoir and Ditch Company	Mount Pisgah Dam/Wright's Reservoir Outlet Works Rehabilitation	Sep-12	\$25,000	\$136,345	\$161,345	Other	C150505	9/1/14
Arkansas	Upper Arkansas Water Conservancy District	Build, Assess, and Document Accounting and Administration Tools for Lease Following in the Arkansas River Valley	Sep-12	\$20,000	\$39,215	\$59,215	Agricultural	13IBC000017	1/31/15
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Fountain Creek Bank Restoration at the Frost Ranch	Mar-13	\$30,000	\$75,000	\$105,000	Nonconsumptive	150521	6/1/14
Arkansas	Colorado Water Institute	Agricultural Economics and Water Resources: Methods, Metrics and Models - A Specialty Workshop	Mar-13	\$9,746	\$0	\$9,746	Education	C13IBC000025	12/31/13
Arkansas	Crowley County Board of Commissioners	Ordway Cattle Feeders Water Line Extension, Phase II	Mar-13	\$50,000	\$22,500	\$72,500	Agricultural	C150515	4/16/14
Arkansas	Arkansas Groundwater Users Association (AGUA)	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	Mar-13	\$9,394	\$37,577	\$46,971	Agricultural	13IBC000024	12/31/15
Arkansas	McClave Water Association Inc.	Water Tank Replacement	Jul-13	\$64,300	\$0	\$64,300	Municipal & Industrial	14IBC000006	12/31/14
Arkansas	City of Cañon City	Royal Gorge Wildfire Water Quality Impact and Protection Project – Emergency Mitigation, Stabilization, and Reclamation	Sep-13	\$24,260	\$460,940	\$485,200	Other	C150536	6/27/14
Arkansas Basin Total Request				\$334,700	\$2,114,649	\$2,449,349			
Number of Projects 13									
Arkansas/South Platte/Metro	Water Environment Research Foundation	Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	Sep-08	\$25,000	\$700,000	\$725,000	Municipal & Industrial	C150456	9/30/14
Arkansas/South Platte/Metro Basin Total Request				\$25,000	\$700,000	\$725,000			
Number of Projects 1									
Colorado	Basalt Water Conservancy District	Missouri Heights	Sep-07	\$25,000	\$0	\$25,000	Needs Assessment	8000000049	3/31/14
Colorado	Town of Gypsum	L.E.D. Ditch and Reservoir Reconstruction	Sep-10	\$50,000	\$175,000	\$225,000	Municipal & Industrial	C150494	12/31/13
Colorado	Mesa Conservation District	Small Acreage Irrigation Audit Program	Mar-11	\$18,273	\$0	\$18,273	Agricultural	12IBC000001	6/30/14
Colorado	Colorado Mesa University	Colorado Water 2012	Jan-12	\$29,700	\$0	\$29,700	Education	12IBC000018	6/30/14
Colorado	Colorado State University	Investigation of Water Savings, Water Quality benefits and Profitability of Sub Surface Drip on Alfalfa in Grand Valley	Mar-12	\$46,894	\$0	\$46,894	Agricultural	12IBC000019	4/30/16
Colorado	Eagle River Watershed Council, Inc.	Colorado River Inventory & Assessment	May-12	\$30,000	\$0	\$30,000	Needs Assessment	13IBC000003	12/31/13
Colorado	Robinson Ditch Company	Robinson Ditch Piping Improvements	Sep-12	\$60,000	\$0	\$60,000	Agricultural	13IBC000014	1/31/15
Colorado	Blue River Watershed Group	Tennille Creek Restoration Project	Sep-12	\$17,500	\$332,500	\$350,000	Nonconsumptive	C150523	7/31/15
Colorado	Eagle River Watershed Council, Inc.	Colorado River Restoration and Conservation Projects	Sep-12	\$20,000	\$90,000	\$110,000	Nonconsumptive	C150506	6/30/14
Colorado	Roaring Fork Water Conservancy	Crystal River Watershed – Assessment and Design of Restoration Projects	Sep-12	\$15,854	\$288,610	\$304,464	Nonconsumptive	C150520	1/31/17
Colorado	Tamarisk Coalition	Grand Valley Riparian Restoration Collaborative (GVRRC) Project	Sep-12	\$42,726	\$207,274	\$250,000	Nonconsumptive	C150513	1/30/17
Colorado	Grand County	Gore Canyon Whitewater Park at pumphouse - Colorado River	Jan-13	\$100,000	\$400,000	\$500,000	Nonconsumptive	C150518	8/31/15
Colorado	Missouri Heights - Mountain Meadow Irrigation Company	Missouri Heights - Mountain Meadow Irrigation Company	Sep-13	\$50,000	\$0	\$50,000	Agricultural	OE14IBC000012	11/30/14
Colorado Basin Total Request				\$505,947	\$1,493,384	\$1,999,331			



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Gunnison	North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMCC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sep-07	\$79,000	\$230,000	\$309,000	Agricultural	C150414	6/30/15
Gunnison	Gunnison County	75 Ditch Diversion Improvement and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Nonconsumptive	12IBC000002	6/30/15
Gunnison	Leroux Creek Water Users Association (LCWUA)	Hanson Reservoir Outlet Rehabilitation	Jul-10	\$50,000	\$0	\$50,000	Agricultural	11000000068	6/30/14
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Blue Mesa Reservoir	Mar-11	\$24,500	\$98,000	\$122,500	NONE	C150497/C150522	12/31/14
Gunnison	Colorado State University	Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	Sep-11	\$77,000	\$35,000	\$112,000	Agricultural	C150499	12/31/14
Gunnison	Colorado Mesa University	Gunnison Basin Roundtable Education Program	Mar-12	\$19,750	\$0	\$19,750	Education	12IBC000020	6/30/14
Gunnison	Delta Conservation District	North Fork of the Gunnison Invasive Weed Removal	May-12	\$20,000	\$0	\$20,000	Other	13IBC000007	12/31/13
Gunnison	Leon Park Reservoir Company	Leon Park Reservoir Dam Outlet Repair	Jul-12	\$31,372	\$0	\$31,372	Agricultural	13IBC000022	1/31/14
Gunnison	Lake Fork Water Conservancy District	Henson Creek and Lake Fork Confluence Channel Improvements	Mar-13	\$28,975	\$260,111	\$289,086	Agricultural	C150521	8/26/18
Gunnison	Delta Conservation District	Curry Easements Woody Invasives Removal Project - West Side of the North Fork of the Gunnison River	May-13	\$8,865	\$0	\$8,865	Nonconsumptive	14IBC000017	3/31/15
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Gunnison Basin Implementation Plan	Sep-13	\$133,333	\$66,667	\$200,000	Needs Assessment	C150534	10/31/14
<b>Gunnison Basin Total Request</b>				<b>\$518,895</b>	<b>\$689,778</b>	<b>\$1,208,673</b>			
<b>Number of Projects</b>			<b>11</b>						
Metrol	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-09	\$0	\$550,000	\$550,000	Municipal & Industrial	C150474	9/15/14
Metrol	Douglas County Water Resource Authority	Rotary Sprinkler Nozzle Retrofit	Sep-10	\$0	\$250,000	\$250,000	Municipal & Industrial	C150471	12/31/13
Metrol	Rural Water Authority of Douglas County	Rural Douglas County groundwater-level monitoring network	Sep-10	\$28,263	\$64,792	\$113,055	Municipal & Industrial	C150473	12/31/13
Metrol	South Metro Water Supply Authority	Water Infrastructure and Supply Efficiency (WISE) Partnership: Western Pipeline Connection Engineering/Design	Sep-13	\$68,800	\$619,200	\$688,000	Municipal & Industrial	C150535	10/31/14
<b>Metrol Basin Total Request</b>				<b>\$97,063</b>	<b>\$1,503,992</b>	<b>\$1,601,055</b>			
<b>Number of Projects</b>			<b>4</b>						
North Platte	USFS	Effects of Min pine beetle and forest mgmt on water quantity, quality, and forest recovery N.P. and Upper CO River basins	Sep-08	\$212,306	\$164,618	\$376,923	Other	C150440	12/31/13
North Platte	Colorado Climate Center--CSU	Monitoring the effects of weather conditions on the evapotranspiration in N.P.Basin	Sep-08	\$50,409	\$50,409	\$100,818	Agricultural	C150438	6/30/14
North Platte	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program - Phase I	May-10	\$20,000	\$0	\$20,000	Nonconsumptive	10000000126	6/30/14
North Platte	Loban, Hackleman and Olsen LLC	Seneca Ditch - Structure for Water Control	Jul-12	\$57,539	\$0	\$57,539		OE13IBC000011	12/31/13
North Platte	Greg Ray	Structure for Water Control	May-13	\$41,940	\$0	\$41,940	Agricultural	14IBC000001	10/31/14
North Platte	Jackson County Water Conservancy District	North Platte Basin Implementation Plan	Sep-13	\$107,000	\$0	\$107,000	Needs Assessment	C150533	4/15/14
<b>North Platte Basin Total Request</b>				<b>\$489,194</b>	<b>\$215,027</b>	<b>\$704,220</b>			
<b>Number of Projects</b>			<b>6</b>						
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150467	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$0	\$50,000	Nonconsumptive	C150486	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	McDonald Ditch - Plaza Project - Phase 2	Sep-11	\$20,000	\$275,000	\$295,000	Nonconsumptive	C150492	3/31/15
Rio Grande	Terrace Reservoir Irrigation Company, Inc.	Terrace Reservoir Spillway Replacement	Mar-12	\$75,000	\$1,425,000	\$1,500,000	Agricultural	C150500	12/31/14





Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Rio Grande	Conejos Water Conservancy District	Conejos River System Gauging Stations Project	Mar-12	\$20,000	\$387,280	\$407,280	Agricultural	C150501	6/30/14
Rio Grande	Trust	Rio Grande Headwaters Land	Sep-12	\$25,000	\$400,000	\$425,000	Agricultural	C150514	12/31/13
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	Sep-12	\$55,000	\$859,400	\$914,400	Agricultural		
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	The Rio Grande Basin "Narrowing the Gap" for Colorado's Water Future	Mar-13	\$23,500	\$0	\$23,500	Education	13BC000020	6/30/14
Rio Grande	Mogote-Northeastern Consolidated Ditch Company	Quantifying Mogote/Romero Flows & Effects on the Conejos System	Mar-13	\$16,700	\$268,300	\$285,000	Agricultural	C150525	12/31/14
Rio Grande	Trout Unlimited	Kerber Creek Restoration Project	Jul-13	\$34,871	\$0	\$34,871	Nonconsumptive	14IBC000010	12/31/15
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project: Phase 2	Sep-13	\$55,000	\$0	\$55,000	Nonconsumptive	14IBC00013	1/31/17
<b>Rio Grande Basin Total Request</b>				<b>\$425,071</b>	<b>\$3,814,980</b>	<b>\$4,240,051</b>			
<b>Number of Projects</b>				<b>11</b>					
South Platte	Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	\$42,110	\$0	\$42,110	Nonconsumptive	900000063	12/31/13
South Platte	Ducks Unlimited, Inc.	S.P. Water protection and restoration	Sep-08	\$0	\$825,552	\$825,552	Nonconsumptive	C150432	5/22/14
South Platte	The Nature Conservancy of Colorado	Arikaree River Well retirement program, Republican River basin, CO.	Sep-08	\$19,984	\$79,936	\$99,920	Agricultural	900000084	3/29/14
South Platte	Lower South Platte Water Conservancy District	Lower South Platte Water Cooperative Organizational Analysis	Sep-10	\$60,977	\$200,000	\$260,977	Agricultural	C150476	6/30/14
South Platte	Ducks Unlimited, Inc.	Development of Decision Support Model for Identifying & Ranking Waterflow and Wildlife Related Recharge Projects along the South Platte River	Sep-10	\$0	\$85,421	\$85,421	Nonconsumptive	12IBC00023	9/30/13
South Platte	Division of Water Resources	Alluvial Aquifer Accretion/Depletion Analysis Tool	Mar-11	\$0	\$200,000	\$200,000	Other	C154209	5/31/14
South Platte	Ducks Unlimited, Inc.	South Platte River Phreatophyte Control Pilot	Sep-11	\$35,000	\$30,000	\$65,000	Nonconsumptive	13BC000004	8/31/14
South Platte	Ducks Unlimited, Inc.	Prewitt Reservoir Wetland Partnership	Mar-13	\$45,414	\$45,414	\$90,828	Nonconsumptive	14IBC000009	12/31/15
<b>South Platte Basin Total Request</b>				<b>\$203,485</b>	<b>\$1,466,323</b>	<b>\$1,669,808</b>			
<b>Number of Projects</b>				<b>8</b>					
South Platte/Metro	The Greenway Foundation	Denver South Platte River Implementation Project - Frontier/Overland Final Design	Sep-12	\$200,000	\$300,000	\$500,000	Nonconsumptive	C150509	12/13/13
South Platte/Metro	Colorado Water Trust	Josh Ames Diversion Removal on Poudre River	Sep-13	\$100,000	\$200,000	\$300,000	Nonconsumptive	C150532	1/15/17
South Platte/Metro	Northern Colorado Water Conservancy District	Emergency Flood Recovery Assessment, Design, and Recovery	Sep-13	\$300,000	\$1,500,000	\$1,800,000	Other	C150540	10/31/15
<b>South Platte/Metro Basin Total Request</b>				<b>\$600,000</b>	<b>\$2,000,000</b>	<b>\$2,600,000</b>			
<b>Number of Projects</b>				<b>3</b>					
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model	Mar-11	\$0	\$148,823	\$148,823	Agricultural	C150477	12/31/13
Southwest	Lake Durango Water Authority	Lake Durango Water Authority/ Source Water Infrastructure	Sep-11	\$50,000	\$450,000	\$500,000	Municipal & Industrial	C150487	12/15/15
Southwest	La Plata Archuleta Water District	Construction of Municipal Water Distribution Pipeline and Related Facilities	Sep-12	\$25,000	\$475,000	\$500,000	Municipal & Industrial	C150517	3/31/14
Southwest	Mancos Conservation District	Mancos River Habitat and Diversion Project - Phase 2	Sep-12	\$20,000	\$99,340	\$119,340	Nonconsumptive	C150511	3/1/15
Southwest	Montezuma Valley Irrigation Company	Improved Water User, Conservation, Management and Operations through the Implementation of Water Accounting Software	Sep-12	\$52,500	\$0	\$52,500	Agricultural	13BC000012	12/31/14
Southwest	Animas Airpark Property Owners Association	Animas Airpark Water Distribution System	Jan-13	\$20,000	\$0	\$20,000	Municipal & Industrial	13BC000021	12/31/13
Southwest	Animas Consolidated Ditch Company	Animas River Diversion Headgate Monitoring Study	Mar-13	\$14,500	\$0	\$14,500	Agricultural	13BC000023	12/31/13
Southwest	Harris Water Engineering	Southwest Basin Implementation Plan	Sep-13	\$51,015	\$25,127	\$76,142	Needs Assessment	14IBC000016	1/31/15



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
<b>Southwest Basin Total Request</b>				<b>\$233,015</b>	<b>\$1,198,290</b>	<b>\$1,431,305</b>			
<b>Number of Projects</b>		<b>8</b>							
Yampa/White	Town of Yampa	Town of Yampa Water Facilities Plan and storage tank upgrades	Sep-08	\$61,062	\$0	\$61,062	Municipal & Industrial	9000000090	6/30/14
Yampa/White	Bear River Reservoir Company	Stillwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Agricultural	C150469	8/20/15
Yampa/White	Colorado Climate Center--CSU	Improvement of Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa /White Basin	Sep-10	\$10,000	\$10,978	\$20,978	Agricultural	11000000058	6/30/15
Yampa/White	Moffat County	Yampa-White Basin Projects and Methods Analysis	Mar-11	\$38,000	\$152,000	\$190,000	Other	C150481	12/31/13
Yampa/White	The Friends of the Yampa	Yampa River Structures Project	Sep-11	\$50,000	\$0	\$50,000	Nonconsumptive	13IBC0000006	12/31/14
Yampa/White	Town of Rangely	Rangely Irrigation System Master Plan Study	Jan-13	\$12,500	\$0	\$12,500	Nonconsumptive	13IBC000000015	12/31/13
Yampa/White	Routt County Conservation District	Armstrong Creek Restoration Project	Mar-13	\$15,000	\$35,000	\$50,000	Nonconsumptive	14IBC0000011	3/31/15
Yampa/White	Community Agriculture Alliance, Inc.	Development & Implementation of Water Education & Networking 3 year Program of Discussions, Forums, Workshops Tours	Jul-13	\$30,000	\$0	\$30,000	Education	14IBC0000008	11/30/15
<b>Yampa/White Basin Total Request</b>				<b>\$405,562</b>	<b>\$197,978</b>	<b>\$603,540</b>			
<b>Number of Projects</b>		<b>8</b>							

## WSRA COMPLETED PROJECTS

Updated 11/4/2013



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Arkansas	Southeastern Colorado Water Activity Enterprise	Arkansas Valley Conduit		\$64,300	\$0	\$64,300	Municipal & Industrial	C150406		
Arkansas	El Paso County Water Authority	Upper Black Squirrel Creek Aquifer Recharge Investigation	Mar-07	\$45,200	\$0	\$45,200	Municipal & Industrial	8000000011		
Arkansas	El Paso County Water Authority	Ground Water Conference	Mar-07	\$24,721	\$0	\$24,721	Education	8000000010	10/10/07	6/30/09
Arkansas	Pueblo and El Paso Counties	Fountain Creek Vision Task Force	May-07	\$75,000	\$0	\$75,000	Needs Assessment	8000000084	6/30/09	6/30/09
Arkansas	Round Mountain Water and Sanitation District	Round Mountain Water & Sanitation District Water System Improvements Project	May-07	\$120,000	\$0	\$120,000	Municipal & Industrial	C150403	9/2/09	9/17/09
Arkansas	Lower Arkansas Valley Water Conservancy District	Rotational Land Following-Water Leasing Program -Lower Arkansas Super Ditch Company	Jan-08	\$150,000	\$0	\$150,000	Agricultural	C150425	6/30/10	5/15/10
Arkansas	Upper Big Sandy Ground Water Management District	Upper Big Sandy Water Balance	Jan-08	\$45,000	\$0	\$45,000	Needs Assessment	8000000100		5/8/09
Arkansas	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin	Jan-08	\$23,860	\$0	\$23,860	Agricultural	8000000135		12/1/08
Arkansas	Greater Arkansas River Nature Association	Arkansas Headwaters Diversion Structure Improvement Project Arkansas River Basin	Mar-08	\$0	\$57,955	\$57,955	Nonconsumptive	9000000025		8/31/09
Arkansas	City of Las Animas	City of Las Animas Water System Improvements	Mar-08	\$100,000	\$200,000	\$300,000	Municipal & Industrial	C150424	12/31/09	9/23/09
Arkansas	Colorado State Parks	Colorado State Parks Zebra Mussel Response	Mar-08	\$0	\$1,000,000	\$1,000,000	Other	C150416	6/30/10	6/30/10
Arkansas	Upper Arkansas Water Conservancy District	Telemetry data collection platforms at six reservoirs plus flow control equipment & gauging at six reservoir outlet channels & nine streams w/in the Upper Ark River basin	Sep-08	\$75,000	\$210,332	\$285,332	Agricultural	C150439	12/31/11	9/7/11
Arkansas	Colorado State University	Geospatial Decision Support System for Integrated Water Management in the Arkansas River Basin	Sep-08	\$100,000	\$500,000	\$600,000	Needs Assessment	C150441	6/30/13	6/30/13
Arkansas	Lower Arkansas Valley Water Conservancy District	John Martin Wetlands & Neenoshe Reservoir	May-09	\$148,975	\$0	\$148,975	Needs Assessment	C150457	6/30/12	6/28/12
Arkansas	Upper Arkansas Water Conservancy District	Nonconsumptive Needs Quantification	Sep-09	\$0	\$180,000	\$180,000	Needs Assessment	C150460	6/30/13	9/25/12
Arkansas	City of Pueblo	UAWCD Hydrologic Water Balance Study	Sep-09	\$75,000	\$150,000	\$225,000	Nonconsumptive	C150465	6/30/13	6/30/13
Arkansas	Southeastern Colorado Water Conservancy District	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Jul-10	\$33,600	\$0	\$33,600	Nonconsumptive	11000000012	8/31/11	12/31/11
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Stakeholder's Cooperative Management Analysis for the Upper Arkansas River Basin	Sep-10	\$7,000	\$28,000	\$35,000	Nonconsumptive	12IBC000009	4/1/12	3/29/12
Arkansas	Purgatorie River Water Conservancy District	Fountain Creek Fish Marking and Monitoring Study								
Arkansas	Conservancy District	Trinidad/Purgatoire River Reach 4 Demonstration Project	Jan-11	\$75,000	\$0	\$75,000	Nonconsumptive	11000000131	12/31/12	12/31/12
Arkansas	Southeastern Colorado Water Conservancy District	The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Colorado River Compact curtailment in Colorado	Mar-11	\$24,500	\$98,000	\$122,500	Municipal & Industrial	C150496	6/30/13	3/7/13
Arkansas	Colorado Foundation for Water Education	Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Mar-11	\$0	\$30,515	\$30,515	Education	11000000113	12/31/12	1/30/12
Arkansas	Sangre de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$0	\$0	\$0	Agricultural	12IBC000006	6/30/15	
Arkansas	Lower Arkansas Valley Water Conservancy District	Meteorological Network (CoAgMet)	Jan-12	\$6,255	\$0	\$6,255	Education	13IBC000005	8/31/12	8/2/12
Arkansas	Lower Arkansas Valley Water Conservancy District	Colorado Water 2012	Sep-12	\$54,000	\$216,000	\$270,000	Agricultural	C150512	12/30/12	12/31/12
Arkansas Basin Total Request				\$1,247,411	\$2,670,802	\$3,918,213				
Number of Projects			24							
Arkansas/Colorado/Gunnison/Northern Platte/Rio Grande/South Platte/Metro	Pikes Peak Regional Water Authority	Basin Roundtable Project Exploration Committee: Flaming Gorge	Sep-11	\$23,000	\$50,004	\$73,004	Other	13IBC0000001	1/31/13	1/31/13





Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
<b>Arkansas/Colorado/Gunnison/North Platte/Rio Grande/Southwest/South Platte/Metro Basin Total Request</b>										
<b>Number of Projects</b>	<b>1</b>			<b>\$23,000</b>	<b>\$50,004</b>	<b>\$73,004</b>				
Arkansas/Metro	El Paso County Water Authority	Flaming Gorge Project Task Force Assessment	May-10	\$60,000	\$0	\$60,000	Other	11000000008	6/30/11	6/30/11
<b>Arkansas/Metro Basin Total Request</b>										
<b>Number of Projects</b>	<b>1</b>			<b>\$60,000</b>	<b>\$0</b>	<b>\$60,000</b>				
Arkansas/South Platte	Pikes Peak Regional Water Authority	Rotating Agricultural Fallowing Public Policy Working Group	Jul-11	\$20,000	\$0	\$20,000	Agricultural	12IBC000015	3/31/13	3/31/13
<b>Arkansas/South Platte Basin Total Request</b>										
<b>Number of Projects</b>	<b>1</b>			<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>				
Colorado	Eagle Park Reservoir Company	Enlargement of Eagle Park Reservoir		\$100,000	\$400,000	\$500,000	Municipal & Industrial	C150401		
Colorado	Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)	Mar-07	\$0	\$200,000	\$200,000	Nonconsumptive	C150404	6/30/08	6/30/08
Colorado	Southeastern Colorado Water Conservancy District	Non-native Phreatophyte Trees & Mapping Project	Mar-07	\$0	\$0	\$0	Other	8000000005		6/30/09
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Nonconsumptive	8000000012		
Colorado	Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)	Mar-07	\$0	\$0	\$0	Other	C150404	6/30/08	
Colorado	Grand County	Vail Ditch Project	Mar-07	\$0	\$1,500,000	\$1,500,000	Agricultural	C150409	6/30/08	6/30/08
Colorado	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sep-07	\$50,000	\$0	\$50,000	Agricultural	8000000039	6/30/10	2/25/09
Colorado	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	\$100,000	Municipal & Industrial	9000000026	6/30/09	3/2/10
Colorado	Grand County	Fraser Sedimentation Basin	Mar-08	\$60,000	\$127,900	\$187,900	Nonconsumptive	C150449	6/30/12	12/28/11
Colorado	Grand County	Grand County Stream Flow Management Plan	May-08	\$100,000	\$0	\$100,000	Nonconsumptive	C150461	6/30/11	12/16/10
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000	\$0	\$40,000	Nonconsumptive	9000000049	10/1/09	10/1/09
Colorado	West Divide Water Conservancy District	Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Sep-08	\$40,000	\$0	\$40,000	Municipal & Industrial	9000000052	8/31/09	9/2/09
Colorado	Trout Unlimited	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Nonconsumptive	11000000126	12/31/12	12/23/11
Colorado	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	\$315,171	\$0	\$315,171	Needs Assessment	C150451	6/30/12	6/14/12
Colorado	Colorado Foundation for Water Education	Solicitation of Stakeholders input and advice through a Colorado River Basin edition of Headwaters Magazine	Sep-10	\$25,000	\$0	\$25,000	Education	11000000039	6/30/11	6/28/11
Colorado	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Agricultural	11000000097	6/30/11	6/1/11
Colorado	Blue River Watershed Group	Upper Swan River Restoration Project	Mar-12	\$30,000	\$0	\$30,000	Nonconsumptive	12IBC000021	3/30/13	3/29/13
<b>Colorado Basin Total Request</b>							<b>\$3,233,071</b>			
<b>Number of Projects</b>	<b>17</b>			<b>\$1,005,171</b>	<b>\$2,227,900</b>					
Colorado/Yampa a/White	City of Grand Junction	Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)	Mar-08	\$0	\$300,000	\$300,000	Needs Assessment	C150407	12/31/13	
<b>Colorado/Yampa/White Basin Total Request</b>										
<b>Number of Projects</b>	<b>1</b>			<b>\$0</b>	<b>\$300,000</b>	<b>\$300,000</b>				
Gunnison	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure		\$40,000	\$0	\$40,000	Municipal & Industrial	80000000021	12/28/08	
Gunnison	Leroux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Leroux Creek Drainage Basin	May-07	\$60,000	\$0	\$60,000	Agricultural	8000000008	6/30/11	6/30/11
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Municipal & Industrial	8000000007	6/30/08	6/30/08
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Remaining Tasks)	Sep-07	\$0	\$480,000	\$480,000	Municipal & Industrial	C150410	12/31/08	12/31/08
Gunnison	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sep-07	\$56,700	\$0	\$56,700	Municipal & Industrial	8000000059		
Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sep-07	\$48,000	\$62,700	\$110,700	Agricultural	C150411	12/31/08	



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account	Statewide Amount	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Gunnison	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sep-07	\$0	\$68,000	\$68,000	Agricultural	8000000038	9/30/12	9/30/12
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Phase II Engineering for Lake San Cristobal Outlet Modification	Jul-08	\$75,265	\$0	\$75,265	Municipal & Industrial	9000000041	6/30/11	4/8/11
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Lake San Cristobal Outlet Structure Modification--Phase III	Nov-08	\$0	\$120,960	\$120,960	Municipal & Industrial	C150444A	6/30/11	6/30/11
Gunnison	Town of Ridgway	Ridgway Ditch and Lake Olanawanda Improvement Project	Mar-09	\$109,500	\$0	\$109,500	Municipal & Industrial	C150455	6/30/11	6/30/11
Gunnison	City of Grand Junction Water Enterprise Fund	Juniata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Municipal & Industrial	9000000088	6/30/11	6/30/11
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam Fish Passage Feasibility Study	May-09	\$22,100	\$0	\$22,100	Nonconsumptive	9000000144	6/30/10	1/25/10
Gunnison	City of Ouray	Development of Augmentation Supplies	May-09	\$50,000	\$0	\$50,000	Municipal & Industrial	1000000041	6/30/11	6/30/11
Gunnison	Valley View Irrigation Association	Valley View Irrigation Improvement	Mar-11	\$0	\$0	\$0	Agricultural	11000000127	12/31/11	7/26/11
Gunnison	Gunnison Gorge Anglers - Trout Unlimited	Relief Ditch Diversion Dam Design	May-11	\$20,650	\$0	\$20,650	Agricultural	12IBC0000004	6/30/12	6/30/12
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam --- Partial Dam Removal and Stabilization	Sep-11	\$0	\$0	\$0	Nonconsumptive	12IBC000008	3/31/12	3/31/12
Gunnison	Grand Mesa Reservoir Company	Lining Outlet for Grand Mesa Reservoir #6	Nov-11	\$19,840	\$0	\$19,840	Agricultural	12IBC0000022	12/31/12	11/13/12
Gunnison	North Delta Irrigation Company	Tunnel Reconstruction Project	Mar-12	\$40,000	\$690,110	\$730,110	Agricultural	C150498	4/1/13	4/1/13
Gunnison	Grand Mesa Water Users Association	Replacement of Measuring Devices on Grand Mesa	Jul-13	\$40,000	\$0	\$40,000	Other	14IBC0000015	12/31/13	10/29/13
<b>Gunnison Basin Total Request</b>				<b>\$739,055</b>	<b>\$1,421,770</b>	<b>\$2,160,825</b>				
<b>19</b>										
Metro	The Greenway Foundation	Chaffield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	Mar-07	\$103,000	\$0	\$103,000	Municipal & Industrial			
Metro	East Cherry Creek Valley Water and Sanitation District	Zero Liquid Discharge Pilot Study	Sep-07	\$200,000	\$200,000	\$400,000	Municipal & Industrial	C150412		1/8/09
Metro	Parker Water and Sanitation District	Parker Water & San. & CO. State Univ Joint Project on the Rural/Urban Farm Model	Sep-07	\$150,000	\$0	\$150,000	Municipal & Industrial	C150413	12/31/09	10/2/09
Metro	South Metro Water Supply Authority	South Metro Water Supply Authority - Regional Aquifer Supply Assessment	Jul-08	\$100,540	\$0	\$100,540	Municipal & Industrial	C150430	12/31/09	12/31/10
Metro	The Greenway Foundation	South Platte River Recreation and Habitat Feasibility Study	Sep-08	\$150,000	\$0	\$150,000	Nonconsumptive	C150442	6/30/10	6/30/10
Metro	Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$100,000	\$500,000	\$600,000	Municipal & Industrial	C150470	6/30/13	6/30/13
Metro	Colorado Foundation for Water Education	Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	Jan-11	\$14,820	\$0	\$14,820	Education	11000000083	6/30/12	4/30/12
<b>Metro Basin Total Request</b>				<b>\$818,360</b>	<b>\$700,000</b>	<b>\$1,518,360</b>				
<b>7</b>										
North Platte	Silver Spur Land & Cattle	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Agricultural	C150421	12/31/09	
North Platte	Town of Walden	Town of Walden Water Supply Improvement Project	Jul-08	\$385,000	\$0	\$385,000	Municipal & Industrial	C150431A	9/30/11	9/30/11
North Platte	Colorado State University	Identification and assessment of important wetlands in N.P. River watershed	Sep-08	\$86,000	\$96,000	\$182,000	Nonconsumptive	C150433	6/30/10	6/30/10
North Platte	Walden Reservoir Company	Structure for Water Control	Jan-11	\$36,000	\$0	\$36,000	Agricultural	11000000087	11/30/11	11/7/11
North Platte	Colorado Foundation for Water Education	Solicitation of stakeholder input through production of a North Platte Basin education package	Jan-11	\$14,040	\$0	\$14,040	Education	11000000084	6/30/12	6/25/12
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion	Sep-11	\$128,828	\$0	\$128,828	Agricultural	C150488	12/31/13	12/10/12
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion - Additional Funds Request	May-12	\$55,055	\$0	\$55,055		C150488	12/31/13	12/10/12
<b>North Platte Basin Total Request</b>				<b>\$820,923</b>	<b>\$96,000</b>	<b>\$916,923</b>				
<b>7</b>										
Rio Grande	El Paso County Water Authority	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Nonconsumptive	7000000076		6/30/08



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Rio Grande	San Luis Valley Irrigation District	Preliminary Design Multi-use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07	\$0	\$288,000	\$288,000	Agricultural	C150402	6/30/10	6/30/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Agricultural	8000000006		
Rio Grande	San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sep-07	\$0	\$104,000	\$104,000	Other	C150419		
Rio Grande	Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sep-07	\$83,700	\$0	\$83,700	Agricultural	8000000060		9/17/08
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08	\$200,000	\$1,300,000	\$1,500,000	Nonconsumptive	C150420		
Rio Grande	Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08	\$72,000	\$141,700	\$213,700	Agricultural	C150443	6/30/12	6/30/12
Rio Grande	Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08	\$35,000	\$250,000	\$285,000	Nonconsumptive	C150452	12/31/12	12/31/12
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08	\$50,000	\$200,000	\$250,000	Agricultural	C150448	6/30/11	2/3/11
Rio Grande	Manassa Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08	\$50,000	\$333,700	\$383,700	Agricultural	C150446	6/30/10	6/30/10
Rio Grande	San Luis Valley Irrigation District	Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	Nov-08	\$100,000	\$0	\$100,000	Agricultural	C150437A	12/31/11	12/21/11
Rio Grande	El Codo Ditch Company	San Antonio River - El Codo Ditch Diversion and Rehabilitation	May-09	\$65,000	\$0	\$65,000	Agricultural	1000000001	12/31/09	12/8/09
Rio Grande	Trinchera Irrigation Company	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09	\$50,000	\$200,000	\$250,000	Agricultural	C150458	7/31/11	10/22/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Conservation Reserve CREP Phase II	Sep-09	\$31,500	\$0	\$31,500	Agricultural	10000000056	12/31/12	11/20/12
Rio Grande	Trinchera Irrigation Company	Shortfall Request - Sangre de Cristo Trinchera Diversion Canal Restoration	Jan-10	\$54,000	\$0	\$54,000	Agricultural	C150458	7/31/11	7/31/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Education	11000000059	6/30/12	10/17/11
Rio Grande	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10	\$40,000	\$0	\$40,000	Agricultural	11000000053	6/30/11	9/7/11
Rio Grande	Manassa Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11	\$75,000	\$0	\$75,000	Agricultural	11000000109	6/30/12	6/25/12
Rio Grande	Colorado Rio Grande Restoration Foundation	The McDonald Ditch and Plaza Project, Phase I Planning	Jan-11	\$40,000	\$0	\$40,000	Agricultural	11000000102	12/31/11	12/22/11
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11	\$15,000	\$55,000	\$70,000	Nonconsumptive	C150489	12/30/11	12/30/11
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Crest of Dam Repair	Sep-11	\$15,000	\$135,000	\$150,000	Agricultural	C150495	12/31/12	10/20/12
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	Sep-11	\$10,000	\$85,000	\$95,000	Agricultural	12IBC000013	7/31/12	6/13/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Water 2012: The Rio Grande Basin Partnering for Colorado's Water Future	Nov-11	\$15,600	\$0	\$15,600	Education	12IBC000017	12/31/12	12/19/12
Rio Grande	Rio Grande County	Rio Grande County Hydrogeologic Study	Jul-12	\$99,564	\$0	\$99,564	Other	13IBC000008	12/31/13	12/31/12
Rio Grande	Colorado Foundation for Water Education	Solicitation of Stateholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine	Jan-13	\$0	\$0	\$0	Education	13IBC000016		
Rio Grande	Colorado Potato Administrative Committee (Area II)	Drip Irrigation Field Trial for Sustainable Potato Cropping in the San Luis Valley	May-13	\$40,000	\$0	\$40,000	Agricultural	13IBC000026	12/31/13	11/4/13
Rio Grande Basin Total Request				\$1,267,614	\$3,092,400	\$4,360,014				
Number of Projects		26								
South Platte	The Greenway Foundation	Chatfield Reallocation EIS/FR (Metro BRT contributing \$103,000)	Mar-07	\$27,000	\$0	\$27,000	Municipal & Industrial			
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07	\$52,000	\$0	\$52,000	Municipal & Industrial	C8000000037		
South Platte	District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sep-07	\$176,000	\$0	\$176,000	Agricultural	C150417	12/31/11	4/13/12





Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
South Platte	Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sep-07	\$0	\$278,476	\$278,476	Nonconsumptive	C150415	7/31/09	7/31/09
South Platte	Northern Colorado Water Conservancy District	Stage Discharge Data Loggers and Telemetry	Jan-08	\$48,800	\$0	\$48,800	Agricultural	8000000120	6/30/11	6/28/11
South Platte	City of Greeley	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	\$25,435	\$76,305	\$101,740	Municipal & Industrial	C150436	6/30/10	6/30/10
South Platte	Ducks Unlimited, Inc.	Central South Platte Wetland Partnership	Mar-09	\$150,000	\$0	\$150,000	Nonconsumptive	C150454	6/30/12	6/30/12
South Platte	Fort Morgan Reservoir and Irrigation Company (FMIRCo)	FMIRCo Recharge & Wetlands Project	Sep-09	\$250,000	\$420,000	\$670,000	Agricultural	C150464	6/30/12	6/27/12
South Platte	Colorado Climate Center--CSU	Colorado Agricultural Meteorological Network (CoAgMet)	Jul-10	\$20,000	\$0	\$20,000	Agricultural	11000000079	6/30/12	6/30/12
South Platte	Division of Water Resources	Data Logger Installation Project, South Platte River Basin	Mar-13	\$88,958	\$0	\$88,958	Other	C150519	6/30/13	6/30/13
<b>South Platte Basin Total Request</b>				<b>\$838,193</b>	<b>\$774,781</b>	<b>\$1,612,974</b>				
<b>Number of Projects</b>				<b>10</b>						
South Platte/Metro	Clear Creek County	Upper Mountain Counties Water Needs Assessment	May-08	\$174,350	\$0	\$174,350	Needs Assessment	C150429A	6/30/11	12/31/10
South Platte/Metro	Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$48,057	\$0	\$48,057	Education	9000000019		
South Platte/Metro	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	\$160,000	\$0	\$160,000	Municipal & Industrial	C150447	6/30/11	9/27/11
South Platte/Metro	The Greenway Foundation	South Platte River Recreation and Habitat Improvement Preliminary Design	Sep-11	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150493	6/28/13	12/31/12
<b>South Platte/Metro Basin Total Request</b>				<b>\$432,407</b>	<b>\$200,000</b>	<b>\$632,407</b>				
<b>Number of Projects</b>				<b>4</b>						
Southwest	San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition		\$0	\$1,000,000	\$1,000,000	Municipal & Industrial	C150408		
Southwest	Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07	\$7,700	\$0	\$7,700	Municipal & Industrial	8000000075	7/31/09	
Southwest	Mancos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	Jul-07	\$80,000	\$0	\$80,000	Municipal & Industrial	8000000076	6/30/09	
Southwest	Goodman Point Water Association	Goodman Point Phase 2	Sep-07	\$20,000	\$120,000	\$140,000	Municipal & Industrial	C150462	6/30/12	3/16/11
Southwest	Bauer Lakes Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08	\$40,000	\$0	\$40,000	Agricultural	10000000084	12/31/11	12/28/11
Southwest	La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08	\$100,000	\$1,000,000	\$1,100,000	Municipal & Industrial	C150422	6/30/09	6/30/09
Southwest	Town of Sawpit	Town of Sawpit Engineering/Planning for Domestic Water System; Southwest Basin	Mar-08	\$25,000	\$0	\$25,000	Municipal & Industrial	9000000006	6/30/09	6/7/10
Southwest	Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	\$39,300	\$0	\$39,300	Agricultural	9000000085	8/31/10	8/31/10
Southwest	Happy Scenes Water System #1	Water System Well, Treatment System and Distribution Upgrades	Nov-08	\$50,000	\$0	\$50,000	Municipal & Industrial	9000000127	6/30/10	11/17/09
Southwest	La Plata Archuleta Water District	Water System Master Planning	Nov-08	\$100,000	\$0	\$100,000	Municipal & Industrial	9000000112	12/31/09	12/22/09
Southwest	Town of Silverton	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	\$95,000	\$0	\$95,000	Municipal & Industrial	9000000143	12/31/11	11/18/11
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	\$100,000	\$0	\$100,000	Nonconsumptive	C150450	6/30/11	6/30/10
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farnes Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Ditch Loss, Hydropower, and Monitoring Improvement Program	Mar-09	\$100,000	\$0	\$100,000	Agricultural	9000000115	6/30/11	6/30/11
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam Incremental Damage Analysis (IDA) and Emergency Action Plan (EAP)	May-09	\$29,000	\$0	\$29,000	Agricultural	10000000061	6/30/12	6/29/12
Southwest	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Agricultural	10000000011	6/30/11	12/9/09
Southwest	La Plata Archuleta Water District	La Plata Archuleta Water District Permitting	Sep-09	\$0	\$400,000	\$400,000	Municipal & Industrial	C150459	6/30/13	10/18/12
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Sep-09	\$0	\$150,000	\$150,000	Needs Assessment	C150468	6/30/12	12/17/10
Southwest	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	Needs Assessment	11000000028	9/30/12	4/28/11



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Southwest	Mancos Conservation District	Mancos River Diversion Project, Phase I	Nov-09	\$24,753	\$0	\$24,753	Nonconsumptive	10000000111	12/30/10	6/7/11
Southwest	Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Agricultural	10000000125	6/30/12	6/30/12
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Project	Nov-09	\$0	\$225,000	\$225,000	Agricultural	C150463	6/30/11	6/30/11
Southwest	Town of Norwood	Raw Water System Update and Future Needs Study	Jan-10	\$58,458	\$0	\$58,458	Municipal & Industrial	10000000085	6/30/11	6/30/11
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Agricultural	C150475	6/30/13	6/30/13
Southwest	Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10	\$29,500	\$0	\$29,500	Agricultural	110000000114	12/31/11	12/28/11
Southwest	San Juan Citizens Alliance	A Way Forward: The Dolores River Below McPhee Reservoir	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC0000011	12/31/12	3/16/12
Southwest	Animas La Plata Water Conservancy District	Recreational Plan for Lake Nighthorse	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC000005	12/31/11	10/21/11
Southwest	La Plata River and Cherry Creek Ditch Company	La Plata Cherry Creek Ditch Headgate Improvement Project	Nov-10	\$25,000	\$0	\$25,000	Agricultural	12IBC000014	8/31/12	6/11/12
Southwest	Aspen Springs Metro District	Aspen Springs Metro Water Filling Station	Nov-10	\$30,000	\$0	\$30,000	Municipal & Industrial	13IBC000002	7/31/13	6/30/13
Southwest	Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11	\$0	\$0	\$0	Agricultural	12IBC000003	6/30/12	6/30/12
Southwest	Town of Rico	Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	Mar-11	\$20,000	\$80,000	\$100,000	Municipal & Industrial	11000000122	6/30/12	3/16/12
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam & Reservoir – Spillway Alternatives Analysis	Sep-12	\$19,400	\$0	\$19,400	Agricultural	13IBC000009	9/30/13	9/27/13
Southwest Basin Total Request				\$1,216,611	\$3,750,000	\$4,966,611				
Number of Projects			31							
Yampa/White	Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	Jul-07	\$49,500	\$0	\$49,500	Municipal & Industrial	8000000058	3/31/08	
Yampa/White	Moffat County	Agricultural Water Needs Assessment	Jan-08	\$0	\$0	\$0	Needs Assessment	C150418	12/31/10	12/31/10
Yampa/White	City of Steamboat Springs	Common Data Repository	Jan-08	\$106,600	\$0	\$106,600	Other	C150423	6/30/10	12/29/10
Yampa/White	Vermillion Ranch	Sparks Reservoir	Jul-08	\$16,000	\$0	\$16,000	Agricultural	9000000039	12/31/08	
Yampa/White	Moffat County	Sandwash basin coalbed methane production depletive effects on water resources	Sep-08	\$20,000	\$98,835	\$118,835	Municipal & Industrial	C150435	6/30/11	6/8/11
Yampa/White	Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	\$20,000	\$0	\$20,000	Education	10000000050	6/30/10	6/30/10
Yampa/White	Community Agriculture Alliance, Inc.	Development and Implementation of Water Forums, Workshop, and/or Tours	Sep-09	\$10,000	\$0	\$10,000	Education	10000000046	6/30/11	12/31/10
Yampa/White	Colorado River Water Conservancy District	Yellow Jacket Water Storage Feasibility Study	Jan-10	\$220,800	\$0	\$220,800	Agricultural	C150472	6/30/13	
Yampa/White	The Nature Conservancy of Colorado	Yampa White Basin Nonconsumptive Needs Assessment Watershed Flow Evaluation Tool	Jan-10	\$169,002	\$0	\$169,002	Nonconsumptive	C150466	6/30/12	6/30/12
Yampa/White Basin Total Request				\$611,902	\$98,835	\$710,737				