



# **COLORADO WATER CONSERVATION BOARD**

## **DIRECTOR'S REPORT**

**MAY 2013**

# STATE OF COLORADO

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## Colorado Water Conservation Board

### Department of Natural Resources

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TO: Colorado Water Conservation Board

FROM: Jennifer Gimbel  
Brent Newman  
CWCB Staff

DATE: March 19-20, 2013

SUBJECT: **Agenda Item 6d**, March 2013 CWCB Board Meeting  
Director's Report

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John W. Hickenlooper  
Governor

Mike King  
DNR Executive Director

Jennifer L. Gimbel  
CWCB Director

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## ~INTERSTATE AND FEDERAL~

**COLORADO RIVER WATER USE:** As of April 1, 2013, the Lake Mead water level was at 1118.6 feet with 13.47 million acre-feet (MAF) of storage, or 52% of capacity, while the Lake Powell water level was at 3599 feet with 11.65 MAF of storage, or 48% of capacity. Total system active storage as of April 1 was 31.87 MAF, or 53 percent of capacity, which is 5.69 MAF less than one year ago when system storage was 63% of capacity.

As of April 2, the 2013 Reclamation forecast for the Lower Basin states' consumptive use of Colorado River water totals 7.24 MAF, which includes Arizona at 2.76 MAF, California at 4.22 MAF, and Nevada at 0.263 MAF. The preliminary end-of-year estimate for 2013 for California's agricultural consumptive use of Colorado River water is 3.467 MAF. (*Andy Moore*)

**GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP ("AMWG") AND TECHNICAL WORK GROUP ("TWG") MEETINGS:** The Glen Canyon Spring meeting will be held as a webinar on May 8, 2013, and the summer TWG meeting is scheduled to occur on June 26-27, 2013 in Phoenix, AZ. The agendas for both meetings will focus on the budget, the current hydrology, the AMWG Charter, and the Long Term Experimental and Management Plan EIS process ("LTEMP"). Presently, in the context of the LTEMP EIS process, the Bureau of Reclamation and the National Park Service are intending to hold a workshop with cooperating agencies on August 5-7, 2013 in Flagstaff, AZ, in order to collect information about the various alternatives, and they are currently intending to release a draft EIS by the end of 2013. Information is available at: [http://www.usbr.gov/uc/rm/amp/amwg/amwg\\_mtginfo.html](http://www.usbr.gov/uc/rm/amp/amwg/amwg_mtginfo.html) or <http://ltempeis.anl.gov/index.cfm> (*Ted Kowalski*)

**MINUTE 319 IMPLEMENTATION PLANNING:** The Environmental Flows Workgroup has met several times over the last six weeks to develop a Delivery Plan for the base flows and the peak flows that are contemplated in Minute 319. The Delivery Plan must be submitted to the two Sections of the International Boundary Waters Commission by January 31, 2014. The other working groups associated with implementation of Minute 319 have also started work; however, the work associated with these workgroups has less import to Colorado. (*Ted Kowalski*)

**COLORADO RIVER BASIN STUDY EDUCATIONAL OUTREACH:** In December, the Colorado River Basin States ("Basin States") and the Bureau of Reclamation ("BOR") released the Colorado River Basin Study Report ("Basin Study"). In 2013, the BOR and States' representatives have presented at dozens of various conferences and workshops to educate the water community about the contents of the basin study. The Basin States and the BOR are finalizing a process for exploring "next steps" and are hoping to roll out this process by the end of May, 2013. For more information visit: <http://www.usbr.gov/lc/region/programs/crbstudy.html> (*Ted Kowalski*)

## ~STATEWIDE~

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

**FY12 Activities:** Hydrologic modeling and field survey tasks have begun on the Cache La Poudre and Purgatoire watersheds. Lidar data for the Cache La Poudre and Purgatoire

watersheds have been provided by the subcontractor and has been submitted to FEMA for review.

**FY11 Activities:** Risk Map projects for the St. Vrain and Clear Creek Watersheds is underway. Lidar data has been updated and approved. Data development tasks are underway for St. Vrain and Clear Creek Watersheds.

**FY10 Activities:** Work is underway for Chaffee, Logan and Pitkin Counties. Preliminary mapping for Pitkin County is almost 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. Hydraulic tasks are currently in review 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 is in progress to complete this project as a Seclusion DFIRM, which will exclude levees that will not be certified. The FEMA grant for this project has been extended to 2015.

**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 are scheduled to be 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 detailed study work continues to progress. The Draft Preliminary maps have been sent to FEMA for review in December 2012. The revised submittal is currently being reviewed by Baker and the preliminary DFIRMs are scheduled to be

distributed by the end of May 2013. 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)*

**CWCB PARTICIPATES IN ANNUAL REGIONAL WATER FESTIVALS:** The Office of Water Conservation & Drought Planning (OWCDP) is scheduled to participate in six Children's Water Festivals throughout the State of Colorado. These regional water festivals will be attended by thousands of 4th and 5th graders. CWCB staff has put together a "Water Tradeoffs" presentation which will help students learn about the affects of drought, how difficult decisions to allocate water are made during drought conditions and why water conservation is important. The students will be introduced to the concept of climate variability and water budgets. The students will be in groups of 4-6 and will decide how to allocate water to municipal, environmental, recreational and agricultural sectors during an average precipitation year and during a drought. The demonstration will incorporate visual aids such as a map of Colorado and picture poster boards the students will work with as they decide how much water each sector will receive. The students will receive washable water droplet tattoos, removable window stickers and toilet leak detection tablets to help enforce the importance of water and how they can use water efficiently and help conserve Colorado's water. Festival dates and locations are as follows:

- April 24 – Greeley, Island Grove Regional Park
- May 13 – Longmont, Radisson Conference Center
- May 15 – Boulder, University of Colorado
- May 16 – Aurora, Community College of Aurora
- May 20 – Grand Junction, Colorado Mesa University
- May 21 – Westminster/Northglenn/Thornton, Front Range Community College

*(Ben Wade)*

## **~COLORADO RIVER BASIN~**

**COLORADO RIVER INSTREAM FLOW WATER RIGHTS DECREED:** On March 26, 2013, the Division 5 Water Court decreed instream flow water rights to the CWCB on three reaches of the Colorado River:

Case No. 5-11CW159: 500 cfs (9/16-5/14), 600 cfs (5/15-7/31), and 750 cfs (8/1-9/15), with an appropriation date of 7/12/2011. The upstream terminus is the confluence with the Blue River and the lower terminus is the confluence the Piney River. This ISF reach is approximately 23.7 miles long and flows in a southwesterly direction through parts of Grand and Eagle Counties.

Case No. 5-11CW160: 525 cfs (9/16-5/14), 650 cfs (5/15-7/31), and 800 cfs (8/1-9/15), with an appropriation date of 7/12/2011. The upstream terminus is the confluence with the Piney River and the lower terminus is the confluence with Cabin Creek. This ISF reach is approximately 20.8 miles long and flows in a westerly direction through parts of Eagle County.

Case No. 5-11CW161: 650 cfs (9/16-5/14), 900 cfs (5/15-6/15), and 800 cfs (6/16-9/15), with an appropriation date of 7/12/2011. The upstream terminus is the confluence with Cabin Creek and the downstream terminus is a point immediately upstream of the confluence with the Eagle River. This ISF reach is approximately 25 miles long and flows in a southwesterly direction through parts of Eagle County.

Statements of opposition in these cases were filed by: Board of County Commissioners of Grand County, City of Aurora, City and County of Denver, Middle Park Water Conservancy District, Homestake Partnership, Municipal Subdistrict of Northern Colorado Water Conservancy District, Colorado River Water Conservancy District, Trout Unlimited, and the Eagle County Board of County Commissioners. The CWCB entered into stipulations with each of these objectors resolving the issues in their statements of opposition.

The Board filed for the water rights at the request of the Upper Colorado Wild and Scenic Stakeholder Group, a diverse group representing key interests, including Front Range water providers, Western Slope governments, affected landowners, conservation groups and recreation interests. The instream flow water rights are a key component of the Upper Colorado River Wild and Scenic Stakeholder Group Management Plan, which is designed to balance protection of the outstanding values within this segment of the Colorado River with water supply needs. The plan is awaiting approval by the Bureau of Land Management and the US Forest Service. (*Linda Bassi*)

**UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP:** The Upper Colorado River Wild and Scenic Stakeholder Group held its regular meeting on March 7, 2013 in Summit County and its next regular meeting is scheduled for May 8, 2013 at the same location. The Stakeholder Group is working on monitoring efforts including gathering data collected by others (i.e. Colorado Parks and Wildlife fish biomass surveys, Bureau of Reclamation's recreational permit data, etc.) as well as collecting their own data (i.e. creel surveys and recreation surveys). This year's recreation observations and intercept surveys began on April 25<sup>th</sup> at the Radium, State Bridge and Grizzly sites. The Stakeholder group is working on drafting a policies and procedures document, a Memorandum of Understanding (MOU) for the provisional period and its 2012 Annual Report.

The Bureau of Land Management (BLM) Kremmling Field Office Final Resource Management Plan (RMP)/Environmental Impact Statement (EIS) is anticipated to be released in July with the Record of Decision (ROD) expected out in January 2014. The Colorado River Valley Field Office Final RMP/EIS is anticipated to be released in September with the ROD out in March 2014. The final Wild and Scenic Rivers Suitability Report (which will cover both field offices) will come out concurrently with the Kremmling Field Office Final RMP/EIS.

For more information, see the following link: <http://www.upcowildandscenic.com/>. (*Suzanne Sellers*)

## ~PLATTE RIVER BASIN~

**PLATTE RIVER RECOVERY PROGRAM:** The Platte River Recovery Implementation Program (“Program”) Governance Committee met on March 12-13, 2013 in Kearney, NE. Agenda items included discussions of the federal budget sequester and potential impacts to the Program (so far these include travel restrictions [some ISAC members, agency personnel] and hiring and furlough restrictions [e.g. USGS tern/plover monitoring technicians]); the GC voted to correct a typo in Attachment 5, Section 1 [Water Management Process] of the Final Program Document; discussion of the Whooping Crane Tracking Project Partnership Agreement and approval a land acquisition transaction. Suzanne Sellers also participated in Land Advisory Committee, Finance Committee and Technical Advisory Committee conference calls, meetings and workshops. The next Governance Committee meeting will be held on June 11-12, 2013 in Cheyenne, WY. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

## ~RIO GRANDE RIVER BASIN~

**RIO GRANDE BASIN WATERSHED PROTECTION AND RESTORATION OPPORTUNITIES:** Staff attended the April 9th, 2013 Rio Grande Basin Roundtable Meeting to discuss watershed protection and restoration opportunities in the basin. Staff presented on various CWCB grant programs that support non-consumptive and multi-objective projects. Project examples from around the state were presented and explained. Staff ended the presentation with a discussion on forest protection strategies and post-fire restoration project types. The presentation was well received and sparked a conversation about existing forest protection plans in the upper Rio Grande watershed. The Rio Grande Basin is considering the addition of a wildfire hazard mitigation plan in its basin water plan. Staff intends to visit each Basin Roundtable to discuss watershed restoration projects and forest protection strategies. (*Chris Sturm*)

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

**SOUTHWESTERN CLOUD SEEDING WORKSHOP:** On May 30<sup>th</sup>, the Southwestern Water Conservation District will hold a cloud seeding workshop. The morning portion is intended for attendance by board members, to recap 2012-13 operations and administrative procedures, and also to plan for 2013-14. The afternoon portion, which is open to the public, will include discussions about the bigger picture in cloud seeding. Presentations will be by Joe Busto, Colorado Water Conservation Board; Dan Breed, National Center for Atmospheric Research; Chuck Collum, Central Arizona Water Conservation District; Kevin Flanigan, New Mexico Interstate Stream Commission; Larry Hjermstad, Western Weather Consultants; Barry Lawrence, Wyoming Water Development Office; Tom Ryan, Metro Water District of Southern California; and Jeff Tilley, Desert Research Institute. (*Joe Busto*)

**RIVER PROTECTION WORKGROUP** The River Protection Workgroup (RPW) Steering Committee held a regular meeting on April 2, 2013. The RPW Steering Committee’s next meeting is scheduled for May 23, 2013. The Steering Committee is planning the "Regional Discussion" which will begin sometime this summer after all five public workgroups (Hermosa Creek; San Juan River - East and West Forks; Upper Animas River; Vallecito Creek/Pine River;

and the Piedra River) are completed. During the April meeting, the Steering Committee discussed drafting a proposal to request Wild and Scenic Rivers Funds from the CWCB for the Regional Discussion process with plans to submit the proposal this spring.

The proposed “Hermosa Watershed Protection Act”, a product of the Hermosa Creek RPW, was originally introduced to Congress by Senator Bennet in 2012. Senator Bennet and Congressman Tipton reintroduced the act as companion bills on April 25, 2013. The bill reflects a balance between conservation, economic development and other uses.

The RPW for the Animas River did not meet since the last CWCB meeting. However, they will be meeting on April 29, 2013 in Silverton, CO to review the draft summary report of the group.

The RPW for the Piedra River held meetings on March 12, 2013 and April 16, 2013 in Pagosa Springs, CO and its next meeting is scheduled for June 11, 2013 at the same location. The group further discussed a proposed compromise that suggests dropping wild and scenic suitability status in exchange for expanding the Piedra Area (established by the 1993 Colorado Wilderness Act) across the Piedra River. This designation would prevent major impoundments within the expanded Piedra Area and potentially on the main stem above Highway 160. The group may also continue to explore the possibilities of increasing ISF in certain stream segments. More discussion is needed on which areas could be candidates for increasing ISF levels to maintain a healthy habitat. In the meantime, a smaller subgroup will be meeting to discuss details related to the expansion of the Piedra Area and the limitations on new major impoundments.

A new Forest Plan by Forest Service (FS) is expected to be released this summer, most likely before the stakeholder process is complete. A representative from the Forest Service indicated that they are monitoring workgroup discussions and the issues and concerns being raised will be considered/addressed in the final forest plan. The forest supervisor indicated that the FS is willing to consider recommendations of the working group even if they are finalized after the Record of Decision is issued. In that case, an amendment to the new forest plan could be negotiated and drawn up to address recommendations of the groups.

For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection>. (*Suzanne Sellers*)

### **~AGENCY UPDATES~**

**STATUS OF CONTRACT FOR ISF ACQUISITION TASKS:** At the March 2013 Board meeting, the Board authorized staff to initiate a selection process to contract with an entity for conducting technical analyses and performing other tasks necessary for evaluating proposed acquisitions of water for instream flow use and monitoring the use of acquired water. The contract would be for a term of five years for an amount not to exceed \$500,000, and would be funded from the Construction Fund as authorized by section 37-60-123.7, C.R.S. (2012). As of May 1, 2013, staff has prepared a scope of work and submitted the necessary forms to the DNR Human Resources Dept. and the DNR Controller’s Office to initiate the selection process. (*Linda Bassi*)

**DOUG MAUL RETIRING:** After working in his role as the front desk person for the CWCB for over five years, Doug Maul has decided to retire from State government. He has been an

asset to the CWCB and will be greatly missed. We wish Doug well as he moves on to new adventures! (*Tina Heltzel*)

**FLOOD THREAT BULLETIN UPDATE:** The daily Flood Threat Bulletin prepared by a consultant under contract to the CWCB will begin its eighth year on May 1<sup>st</sup>. For the second year, Dewberry will provide services as a consultant.

Dewberry and CWCB staff will provide daily flood threat outlooks that will be accessible online for interested users. Following upon a successful format from last year, county-specific forecasts have been replaced with more watershed-specific forecasts. The appearance of the portal has been updated to a more modern look with some additional features set to become available after the program has begun. These features include brief summaries of specific storm events and a more user-friendly portal for use in analyzing different future periods for longer range outlooks for both quantified rainfall forecasts as well as flood threats. In addition, it is planned to begin working with social media, such as Facebook and Twitter, to push this information out following similar successful programs from other parts of the agency.

Dewberry will provide daily outlooks regarding the flood threat around the state due to either snowmelt or rainfall. In addition, a GIS summary of precipitation from the previous report is available to view which areas of the state received the most precipitation (useful for both water managers and floodplain managers). Twice weekly, on Mondays and Thursdays, a medium-range outlook will be issued summarizing the anticipated flood threat for the following two weeks. The information can be easily accessed at [www.coloradofloodthreat.com](http://www.coloradofloodthreat.com) and it will be linked through the CWCB's home page. The flood threat bulletin is offered from May 1<sup>st</sup> through September 30<sup>th</sup>. (*Kevin Houck*)

**FLOODPLAIN RULES AND REGULATIONS IMPLEMENTATION:** CWCB staff continues to work with communities to assist in updating local floodplain regulations to be consistent with the Floodplain Rules and Regulations, which became effective on January 14, 2011. At the time of implementation, local communities were given three years to update local ordinances to come into compliance with these state requirements. This three year period will end in January, 2014.

Of the 245 communities participating in the National Flood Insurance Program (NFIP), 41 communities have adopted regulations consistent with the Rules, and another 65 drafts have been reviewed. Staff continues to work closely with the remaining 139 communities. In addition, staff is in the process of contacting every community to offer assistance and information about the Rules.

Staff will be present at both the CCI and CML conferences. (*Jamie Prochno*)

**STREAM AND LAKE PROTECTION SECTION DE MINIMIS CASES:** The following table summarizes the applications that have the potential to injure the Board's instream flow water rights, but their impacts are considered de minimis. In each of these cases, the cumulative impact to the Board's rights is 1% or less. Pursuant to ISF Rule 8(e) (the de minimis rule), staff has not filed Statements of Opposition in these cases and has provided the required notification to the Division Engineer and applicants. (*Don West*)

| Case No.  | Applicant           | Stream/<br>Case Number       | ISF Amount                           | Percent<br>Injury      | Cumulative<br>% Injury | Previous<br>Cases |
|-----------|---------------------|------------------------------|--------------------------------------|------------------------|------------------------|-------------------|
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-87CW292 | 50 cfs (summer)<br>25 cfs (winter)   | 0.00684 %<br>0.01010 % | 0.02975 %<br>0.03871 % | 6                 |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-90CW300 | 40 cfs (summer)<br>20 cfs (winter)   | 0.00855 %<br>0.01263 % | 0.25597 %<br>0.39113 % | 24                |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-80CW446 | 135 cfs (summer)<br>135 cfs (winter) | 0.00109 %<br>0.00027 % | 0.13967 %<br>0.09417 % | 46                |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-80CW447 | 90 cfs (summer)<br>90 cfs (winter)   | 0.00163 %<br>0.00040 % | 0.20406 %<br>0.13743 % | 43                |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-80CW448 | 150 cfs (summer)<br>150 cfs (winter) | 0.00098 %<br>0.00024 % | 0.13563 %<br>0.09439 % | 47                |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-11CW159 | 600 cfs (summer)<br>500 cfs (winter) | 0.00024 %<br>0.00007 % | 0.00138 %<br>0.00013 % | 2                 |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-11CW160 | 650 cfs (summer)<br>525 cfs (winter) | 0.00023 %<br>0.00007 % | 0.00437 %<br>0.00110 % | 3                 |
| 5-13CW021 | Melinda M. Everhart | Colorado River/<br>5-11CW161 | 800 cfs (summer)<br>650 cfs (winter) | 0.00018 %<br>0.00006 % | 0.00354 %<br>0.00089 % | 3                 |

**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.

Two grant applications were received, considered & reviewed since the March 2013 Director's Report

- **East Larimer County Water District** – Water Rate Study
- **Town of Erie** – Drought Management Plan

Three grants have been approved since the last Board meeting:

- **Center for Resource Conservation** – Impact Analysis of Slow the Flow Audit Programs (\$48,800)
- **Green Industries of Colorado** – Drought Educational Fact Sheets & Web Videos (\$29,275)
- **East Larimer County Water District** – Water Rate Study (\$24,775)

Deliverables to the CWCB are as follows:

- **CORE** – Organizing Regional Water Conservation Plan in the Roaring Fork Watershed – *submitted 50% Progress Report*
- **Castle Pines Metropolitan District** – AMI Installation – *submitted 75% Progress Report*
- **Mount Werner Water & Sanitation District** – Web Leak Detect – *submitted 75% Progress 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**

### **Approved Plans**

- Town of Firestone Drought Management Plan

### **Plans in review**

- **Pagosa Area Water and Sanitation District** – The District submitted a draft Drought Management Plan in January, CWCB has review 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 Westminster

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.

- **Southeastern Colorado Water Conservancy District**
- **City of Trinidad**
- **Meridian Metro District**

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

- **City of Louisville** – Resubmission of a preliminary November 2009 version of their Water Efficiency Plan is pending. The City may seek outside help to complete the plan.
- **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.
- **Town of Estes Park** – CWCB received the plan on April 25, 2012. Kevin Reidy met with Town of Estes Park consultants in August and is waiting on revisions.

- **City of Loveland** – CWCB received this plan on November 28, 2012. This is an initial review by the CWCB to find any problems before it goes out to public comment. (*Kevin Reidy & Ben Wade*)

**GOVERNOR’S WATER AVAILABILITY TASK FORCE:** The next Water Availability Task Force on May 16, 2013 from 9:30-11:30am 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 April 24<sup>th</sup> to discuss parameters for studying the municipal drought response for 2013. At the February WCTAG meeting, the group discussed the idea of coming together for the next few meetings to discuss and trade ideas on how municipalities were responding to the drought. The group decided to formulate parameters for collecting data on the drought response to be able to analyze, after the fact, how effective different response mechanisms were. The discussion went well and the group agreed on the approach and also added several other ideas. CWCB staff will compose a more formal “memo” containing the types of data to be collected. (*Kevin Reidy*)

**1051 REPORTING WEB PORTAL UPDATE:** The web portal project has been awarded to Leonard Rice Engineers. Kevin Reidy will begin meeting with Leonard Rice during the week of April 29 to begin work with a tentative workshop for the WCTAG in June. (*Kevin Reidy*)

**MUNICIPAL DROUGHT RESPONSE SUPPORT UPDATE:** The drought response portal ([www.CO\\_H2O.co](http://www.CO_H2O.co)), launched in March, to assist water providers in distributing information regarding local watering restrictions, has been a huge success with more than 50 water providers participating from five river basins. The corresponding twitter account (@CO\_H2O) currently has 65 followers. (*Taryn Finnessey*)

**SPECIAL DISTRICT ASSOCIATION OF COLORADO WATER & DROUGHT FORUM PRESENTATION:** Taryn Finnessey of CWCB Staff will be speaking on a panel at the Special Districts Association of Colorado’s Water and Drought Forum on May 30<sup>th</sup> and the Summit Conference & Event Center in Aurora. The SDA “encourages special districts and other forms of local government to collaborate to save taxpayers money, increase efficiency, and provide more services.” In this spirit of collaboration, they will host a half-day forum as part of an ongoing informational series to build awareness on drought and water efficiency efforts. (*Taryn Finnessey*)

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**WATER PROJECT CONSTRUCTION LOAN PROGRAM  
LOAN REPAYMENT DELINQUENCY REPORT  
LOAN FINANCIAL ACTIVITY REPORT  
MAY 2013**

**LOAN REPAYMENT DELINQUENCY**

Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2012 through April 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 ten months of Fiscal Year 2013 totaled 217. There were three loan payments not received on time during this period. The loan payments from Fuchs Ranches, Inc. and Headgate 396 Lateral Corporation were less than 30 days late; however, Headgate made a double payment at that time. The loan payment from John Peroulis & Sons Partnership was over 60 days late. 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.

**LOAN FINANCIAL ACTIVITY**

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2013 is detailed on the following attachment. Funds received relative to loans in repayment totaled \$35.1 M for this period. Funds disbursed relative to new project loans totaled \$12.3 M for this period. Net activity resulted in \$22.8 M received by the CWCB Construction Fund and the Severance Tax Trust Fund Perpetual Base Account (STTFPBA) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$23.4 M in receivables and \$10.8 M in disbursements for a total net activity of \$12.6 M received over disbursed. The STTFPBA consists of \$11.7 M in receivables and \$1.5 M in disbursements for a total net activity of \$10.2 M received over disbursed.

[See details on the following page]

## COLORADO WATER CONSERVATION BOARD

## FINANCIAL ACTIVITY REPORT

## FOR FISCAL YEAR 2013

## CONSTRUCTION FUND

| Period                | Principal            | Interest            | Total Received       | Disbursements        | Net Activity         |
|-----------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| July 2012             | \$ 1,264,544         | \$ 929,887          | \$ 2,194,431         | \$ -                 | \$ 2,194,431         |
| August 2012           | \$ 654,438           | \$ 271,976          | \$ 926,414           | \$ 280,528           | \$ 645,885           |
| September 2012        | \$ 2,044,707         | \$ 327,514          | \$ 2,372,221         | \$ 298,153           | \$ 2,074,069         |
| October 2012          | \$ 869,022           | \$ 1,455,521        | \$ 2,324,542         | \$ 416,085           | \$ 1,908,457         |
| November 2012         | \$ 7,873,790         | \$ 493,310          | \$ 8,367,100         | \$ 104,230           | \$ 8,262,870         |
| December 2012         | \$ 832,843           | \$ 133,178          | \$ 966,021           | \$ 3,004,763         | \$ (2,038,743)       |
| January 2013          | \$ 1,539,314         | \$ 363,412          | \$ 1,902,726         | \$ 2,551,769         | \$ (649,042)         |
| February 2013         | \$ 163,868           | \$ 125,257          | \$ 289,125           | \$ 2,016,765         | \$ (1,727,641)       |
| March 2013            | \$ 668,063           | \$ 293,882          | \$ 961,945           | \$ 1,522,931         | \$ (560,985)         |
| April 2013            | \$ 2,498,142         | \$ 589,690          | \$ 3,087,833         | \$ 586,700           | \$ 2,501,133         |
| May 2013              | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                 |
| June 2013             | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                 |
| <b>FY 2013 Totals</b> | <b>\$ 18,408,731</b> | <b>\$ 4,983,627</b> | <b>\$ 23,392,359</b> | <b>\$ 10,781,925</b> | <b>\$ 12,610,434</b> |

## SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

| Period                | Principal            | Interest             | Total Received       | Disbursements        | Net Activity         |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| July 2012             | \$ 199,931           | \$ 229,227           | \$ 429,158           | \$ 17,384            | \$ 411,773           |
| August 2012           | \$ 217,711           | \$ 225,787           | \$ 443,499           | \$ 791,960           | \$ (348,461)         |
| September 2012        | \$ 639,346           | \$ 201,999           | \$ 841,345           | \$ 7,187             | \$ 834,157           |
| October 2012          | \$ 505,722           | \$ 418,408           | \$ 924,131           | \$ -                 | \$ 924,131           |
| November 2012         | \$ 74,820            | \$ 59,445            | \$ 134,264           | \$ 7,240             | \$ 127,025           |
| December 2012         | \$ 136,024           | \$ 3,310,071         | \$ 3,446,095         | \$ -                 | \$ 3,446,095         |
| January 2013          | \$ 79,117            | \$ 37,206            | \$ 116,323           | \$ 37,052            | \$ 79,271            |
| February 2013         | \$ 137,113           | \$ 182,319           | \$ 319,433           | \$ 589,979           | \$ (270,547)         |
| March 2013            | \$ 3,985,255         | \$ 80,579            | \$ 4,065,834         | \$ 23,764            | \$ 4,042,070         |
| April 2013            | \$ 484,906           | \$ 473,878           | \$ 958,784           | \$ -                 | \$ 958,784           |
| May 2013              | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| June 2013             | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| <b>FY 2013 Totals</b> | <b>\$ 6,459,945</b>  | <b>\$ 5,218,918</b>  | <b>\$ 11,678,864</b> | <b>\$ 1,474,566</b>  | <b>\$ 10,204,298</b> |
| <b>GRAND TOTALS</b>   | <b>\$ 24,868,677</b> | <b>\$ 10,202,546</b> | <b>\$ 35,071,222</b> | <b>\$ 12,256,491</b> | <b>\$ 22,814,732</b> |

**May 14-15, 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 CWCBC's water right(s):

**(1) Case No. 1-02CW292 – Application of Eldorado Artesian Springs, Inc.**

The Board ratified this statement of opposition at its March 2003 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 South Boulder Creek, by not replacing out-of-priority depletions in proper time, place, or amount. This case was set for a 5-day trial beginning on Monday April 15, 2013, for which the Board authorized staff to proceed. On April 12, 2013, CWCBC, DWR, City of Boulder and Applicants reached agreement to settle the case. The negotiated settlement ensures that the CWCBC's instream flow water right will not be injured, unless the Applicant's upcoming injury with mitigation proposal is approved by the Board. Upon any such approval, the decree will be amended to incorporate the injury with mitigation plan.

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

| <b>CWCBC<br/>Case No.</b> | <b>Stream/Lake</b>  | <b>Amount<br/>(cfs)</b> | <b>Approp.<br/>Date</b> | <b>Watershed</b>    | <b>County</b> |
|---------------------------|---------------------|-------------------------|-------------------------|---------------------|---------------|
| 1-80W379                  | South Boulder Creek | 15/6                    | 12/02/1980              | South Boulder Creek | Boulder       |
| 1-80W379 A                | South Boulder Creek | 15/2                    | 12/02/1980              | South Boulder Creek | Boulder       |

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

- Pursuant to section 37-92-102(3)(b), C.R.S. (2012), CWCBC and Applicant recognize that Applicant's consumptive use for irrigation use (up to 2.53 acre-feet per year during the irrigation season), recreational use in the swimming pool (up to 1.24 acre-feet per year during the season in which the pool is open, which consists of 1.06 acre-feet in May and 0.06 acre feet per month for June, July and August), and domestic indoor use (up to 2.57 acre-feet per year of consumptive use year-round) of water from the Eldorado Wells, was being made pursuant to appropriations or practices in existence at the time of the CWCBC's appropriation of the instream flow right on South Boulder Creek in Case No. 80CW379, Water Division 1, Colorado. The consumptive uses described in this paragraph are shown on a monthly basis in the table attached hereto as Exhibit J. The limited subordination of the instream flow water right referenced herein to the Applicant's pre-existing water uses described in paragraph 23.A above pursuant to C.R.S. §37-92-102(3)(b) in this case shall not interfere with the administration of the Eldorado Wells water rights in priority as against other water rights, and shall not result in general subordination of the CWCBC's South Boulder Creek instream flow right referenced herein to any other water right junior to that instream flow water right. While the CWCBC's instream flow right referenced herein is subject to the Applicant's pre-existing practice described in paragraph 23.A above pursuant to C.R.S. § 37- 92-102(3)(b), the Eldorado Wells will be administered subject to the prior appropriation system in relation to all other water rights.
- Under the augmentation plan, When the Community Ditch is diverting water from South Boulder Creek into Marshall Lake pursuant to the water rights described in Paragraph 9, above, Applicant may pump water attributable to the 14.425 Marshall Shares from the Community Ditch in the Town in the

SE1/4 of Section 25, Township 1 South, Range 71 West, 6th P.M., Boulder County, Colorado (“Community Ditch augmentation structure”) back into South Boulder Creek at a location above the points of depletion for the Eldorado Wells at the time, rate, and amount required by this decree to replace the out-of-priority depletions. During this operation, no additional water will be diverted into the Community Ditch to recover the amount taken out of the structure by the Applicant.

- When the Community Ditch is not diverting water from South Boulder Creek into Marshall Lake pursuant to the water rights described in Paragraph 9 and the City of Louisville (“Louisville”) is diverting water to be stored in Marshall Lake at the intake of the Louisville Pipeline (“Intake”) on South Boulder Creek, Applicant may execute the intraditch exchange described herein pursuant to Applicant’s agreement with Louisville attached hereto as **Exhibit H**. This intraditch exchange allows Applicant to request that Louisville release to South Boulder Creek a specified volume of the water diverted at the Intake through an augmentation station to be located at a point on the Louisville Pipeline below the point at which the diversions into the Pipeline are measured (“Eldorado Springs Augmentation Station”). As an alternative to use of the intraditch exchange described in this subsection (2), Applicant may construct a pipeline from Marshall Lake to the Town (“Marshall Pipeline”) to deliver to South Boulder Creek water in storage in Marshall Lake that is attributable to the 14.425 Marshall Shares above the points of depletion of the Eldorado Wells.
- If, after the date of entry of this decree, Applicant enters into an agreement with and obtains the approval of the Colorado Water Conservation Board of an injury with mitigation proposal to allow injury with mitigation within the reach of South Boulder Creek from the points of depletion for the Eldorado Wells downstream to the wastewater treatment plant outfall identified in Paragraph 19.C.(1) pursuant to Rule 8.i.(3) of the Colorado Water Conservation Board Rules Concerning the Colorado Instream Flow and Natural Lake Level Program, in which the Board determines that the proposal mitigates the potential injury resulting from Applicant’s stream depletions due to diversions for indoor domestic use within the reach of South Boulder Creek from the points of depletion for the Eldorado Wells downstream to the wastewater treatment plant outfall identified in Paragraph 19.C.(1), then Applicant may file an application under the procedures set forth in Paragraph 43 to amend this subparagraph (5) of the augmentation plan approved herein. If Applicant does not obtain approval of an injury with mitigation proposal from the Colorado Water Conservation Board, Applicant reserves the right to seek a determination regarding whether Applicant is required to replace 100% of its diversions in the reach between the Eldorado Wells and the wastewater treatment plant pursuant to the provisions of paragraph 43 of this decree.

**(2) Case No. 1-05CW316 – Application of Denver Water (Waterton Canyon with Acquisition)**

The Board ratified this statement of opposition at its March 2006 meeting. The Board’s main objective in filing the statement of opposition in this case was to ensure that the Applicant’s claimed use of the requested water right to “provide average daily flows of 60 cfs from May 15 to September 15 and average daily flows of 30 cfs from September 16 to May 14 from Strontia Springs Dam to Chatfield Reservoir” does not conflict with the Board’s exclusive authority to appropriate instream flow and natural lake level water rights. Section 37-92-102(3) C.R.S. provides: “...no other person or entity [other than the CWCB] shall be granted a decree adjudicating a right to water or interests in water for instream flows in a stream channel between specific points, ..., for any purpose whatsoever.” Staff, in cooperation with the Attorney General’s office, has negotiated a settlement to ensure no conflict with the CWCB’s exclusive authority.

The CWCB did not hold an existing instream flow water right on the specified reach of the South Platte River. However, through an acquisition from Denver Water implemented via a water delivery agreement resulting from this case, CWCB now holds an instream flow water right from the outlet of Strontia spring Reservoir to the Chatfield Reservoir Inlet in the time and amount specified in the decree (generally, 30 cfs from Sept 16-May 14, and 60 cfs from May 15-Sept 15).

**(3) Case Nos. 1-09CW272, 2-09CW142, and 5-09CW186 –Consolidated Application of Busk-Ivanhoe, Inc.**

The Board ratified this statement of opposition at its May 2010 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 right does not injure the Board's instream flow water right on numerous streams in Divisions 1, 2 and 5 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 many instream flow water rights in the Upper Arkansas River Basin (Div. 2), South Platte Basin (Div. 1), and on the Fryingpan River system (Div. 5) that could have been injured by these applications.

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

- No exchange appropriation was sought in this matter and no exchange appropriation is confirmed by this decree. To the extent an exchange is necessary for to store or re-divert water in accordance with this decree, such exchange shall operate pursuant to C.R.S. § 37-80-120 or by applicable decree only when such exchange is not subject to administration to satisfy a call placed by an intervening decreed instream flow water right.

**(4) Case No. 2-11CW093 - Application of ACA Products, 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 plan for augmentation and exchange does not injure the Board's instream flow water rights on Half Moon Creek and Lake Fork Creek 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 rights 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> |
|----------------------|--------------------|---------------------|---------------------|---------------------|---------------|
| 2-77W4645            | Half Moon Creek    | 7.0                 | 1/19/1977           | Arkansas Headwaters | Lake          |
| 2-77W4655            | Lake Fork Creek    | 20.0                | 1/19/1977           | Arkansas Headwaters | Lake          |

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

- The exchange shall not be operated unless the CWCB's in stream flow rights (as decreed in Case Nos. WD2-77CW4645 and WD2-77CW4655), in the sections of Halfmoon Creek and Lake Fork, which are impacted by the exchange, are fully satisfied.

**(5) Case No. 3-06CW072- Application of Wail and Diana Hashimi**

On November 25, 2008, CWCB Staff sent a letter to Applicants's counsel agreeing to a case resolution without filing a statement of opposition in this case, referred to by staff as a "letter-in-lieu." Applicants agreed to specified language to be added to the decree, which would ensure that the Applicant's proposed plan for augmentation and appropriative right of exchange does not injure the Board's instream flow water right on Squaw Creek by not replacing out-of-priority depletions in proper time, place, or amount. In the process of negotiating another case involving a change on the same ditch (the Pursell case discussed below), Staff realized that the agreed-upon language was not included in the final decree. Staff and the Attorney General's office worked with Applicants' counsel to invoke a post-decree process to

correct the decree error. Ultimately, Staff obtained court confirmation and a corrected decree that ensures the CWCB's instream flow water rights 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 2-79CW120            | Squaw Creek        | 0.5                 | 3/14/1979           | Arkansas River   | Chaffee       |

The Applicants agreed to the following protective terms and conditions:

- Applicant recognizes that the CWCB's instream flow right on Squaw Creek, decreed in Case No. 79CW120 for 0.5 cfs is senior to the change of water right decreed herein.
- Diversions from Eureka Ditch under this plan will be limited to the historical amount and season of diversion of the changed water right.

**(6) Case No. 2-10CW017 - Application of Richard Pursell**

The Board ratified this statement of opposition at its July 2010 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 does not injure the Board's instream flow water right on Squaw 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 2-79CW120            | Squaw Creek        | 0.5                 | 3/14/1979           | Arkansas River   | Chaffee       |

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

- To prevent an enlargement of use from the changes, Applicant will implement the plan for augmentation described in paragraph 6 below. Applicant's monthly and annual diversions of his 10% interest in the Eureka Ditch shall be limited at the Squaw Creek headgate to the historical diversion amounts, which include monthly maximum and long-term average volumes in the decree.

**(7) Case No. 4-11CW086 - Application of Taylor River Canyon, LLC**

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 change of water right does not injure the Board's instream flow water rights on Fivemile Creek and the Taylor River 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 rights 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 4-82CW250            | Fivemile Creek     | 1.0                 | 6/3/1982            | East-Taylor      | Gunnison      |
| 4-87CW257            | Taylor River       | 100/50              | 10/2/1987           | East-Taylor      | Gunnison      |
| 4-87CW264            | Taylor River       | 200/80              | 10/2/1987           | East-Taylor      | Gunnison      |

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

- Pursuant to section 37-92-102(3)(b), C.R.S., CWCB and Applicant recognize that the Applicant's irrigation of up to 43,300 square-feet from the Five Mile Pipeline water right was done pursuant to an appropriation in existence at the time of the CWCB's appropriation of an instream flow right on Five Mile Creek, decreed in Case No. 4-82CW250. 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 Five Mile Pipeline water right in priority as against other water rights, and shall not result in general subordination of the CWCB's Five Mile Creek decreed instream flow right to any other water rights junior to that instream flow water right. While the CWCB's instream flow water rights described herein are subject to the Applicant's use pursuant to CRS 37-92-102(3)(b), the water right decreed herein will be administered subject to the prior appropriation system in relation to all other water rights.
- No plan for augmentation is approved in this case. Applicant has demonstrated that out of priority depletions from all proposed uses will be augmented pursuant to UGRWCD's plan for augmentation decreed in Case No. 03CW49 (the "Plan for Augmentation") to a call originating downstream of Blue Mesa Reservoir. The water right for the TRC Pond and the exchange which the UGRWCD's plan for augmentation must operate are junior to the CWCB's water rights decreed in Case Nos. 82CW250, 87CW257, and 87CW264. Consequently, the TRC Pond water right shall be curtailed when the Division Engineer has recognized and is lawfully administering a call by any of said instream flow water rights unless replacement water is being provided pursuant to a lawfully approved plan for augmentation or substitute water supply plan at or above the lower of (i) the point of diversion of the Five Mile Pipeline; and (ii) the upper terminus of the calling instream flow water right.

**(8) Case No. 4-11CW048 - Application of Lizard Head Wilderness, LLC**

The Board ratified this statement of opposition at its September 2011 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 right does not injure the Board's instream flow water rights on Big Bear Creek and the San Miguel River 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 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 4-84CW435            | Big Bear Creek     | 2.0                 | 7/13/1984           | San Miguel       | San Miguel    |
| 4-84CW429            | San Miguel River   | 20.0                | 7/13/1984           | San Miguel       | San Miguel    |

In addition to standard terms regarding measuring devices and accounting, the Applicant has agreed to specific no-precedent language regarding quantification of water use in this ditch and the following protective terms and conditions:

- Applicant will continue to replicate the timing, amount, rate and location of the historical irrigation return flows, including lagged non-irrigation season return flows, accruing to Big Bear Creek and the San Miguel River which, historical irrigation return flows are associated with the change of Applicant's Pleasant Valley Ditch, Priority No. 166, water right awarded hereby and described hereinabove at Paragraph 9, thereby preventing material injury to Opposer CWCB's junior priority instream flow water rights previously decreed in Big Bear Creek and in the San Miguel River.

**(9) Case No. 5-11CW117 Application of GRE II, LP**

The Board ratified this statement of opposition at its January 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 right does not injure the Board's instream flow water rights on the Roaring Fork River and Woody 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 rights 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 5-85CW646            | Roaring Fork River | 55/30               | 11/8/1985           | Roaring Fork     | Pitkin/Eagle  |
| 5-76W2938            | Woody Creek        | 6                   | 1/14/1976           | Roaring Fork     | Pitkin        |

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has clarified its intent in the decree, added monthly volumetric limits on the changed water rights, and has agreed to the following protective terms and conditions:

- Applicant shall not augment but rather shall curtail by bypassing via low-level outlet on GRE Pond all on-site precipitation and runoff collected in the GRE Pond or water features when such collection is out of priority to a call on Woody Creek or the Roaring Fork River.
- Applicant shall draw-down the GRE Pond commensurate with evaporation and cease pumping water through the water features at times when the dry-up credits are insufficient and there is a valid local call on Hunter Creek. Any excess consumptive use credits will be stored in the GRE Pond in May through October. At all times when Applicant is augmenting the GRE Pond and water features using the Red Mountain Ditch Consumptive Use Credits, Applicant will deliver these credits to the GRE Pond to replace evaporation, and will measure, account for, and release to an unnamed drainage tributary to Woody Creek and the Roaring Fork River the amount of water associated with return flows attributable to the 2.7 acres of dry-up at the point shown on the decree exhibit in the amounts set forth in the decree table.

**(10) Case No. 5-11CW109 – Application of Vail Summit Resorts (Keystone)**

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 change of water rights does not injure the Board's instream flow water right on the Snake River 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> |
|----------------------|--------------------|---------------------|---------------------|------------------|---------------|
| 5-86CW210            | Snake River        | 12/6                | 3/14/1986           | Blue             | Summit        |

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

- If there is a downstream senior call, the diversion by exchange of the Montezuma Bowl/JPorcupine Peak Snowline and the Independence Mountain Snowline water rights either at their original points of diversion or at the Keystone Snowline Diversion under the July 21, 1992 exchange priorities decreed in Case No. 92CW331 may be curtailed by a call by the CWCB under the 1986 priority of the Snake River instream flow decreed in Case No. 86CW210 based on the streamflow as measured at the SNAKEYCO gage downstream of the Keystone Snowline.

## **ATTACHMENT 2**

- The diversion of the Montezuma Bowl/Porcupine Peak Snowline and the Independence Mountain Snowline at the Keystone Snowline Diversion, either in priority or by exchange, shall be limited to the amount of water physically and legally available in priority either at the original decreed point of diversion of the Montezuma Bowl/Porcupine Peak Snowline or the Independence Mountain Snowline described in decree paragraph 5, whichever amount is greater.
- The Montezuma Bowl/Porcupine Peak Snowline and the Independence Mountain Snowline water rights at their original points of diversion or the Keystone Snowline Diversion, either in priority or by exchange, shall be limited to the monthly volumes set forth in the decree.

# 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: May 3, 2013

Jennifer L. Gimbel  
CWCB Director

SUBJECT: **Directors Report – May 14-15, 2013 Board Meeting**  
**Finance – Design & Construction Status Report**

The CWCB Loan Program has Substantially Completed seventeen projects in Fiscal Year 2012-13 as shown in Table 1. There are currently 45 projects authorized to receive loan funding totaling \$179 million. There are 36 projects currently under contract and in the Design and Construction phase totaling \$89 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  | Last Chance Ditch Co         | Ditch Headworks Replacement        | Weld          | \$185,436    | 7/1/12          |
| 2  | Lake Canal Reservoir Co      | So. Gray Res. Rehab.               | Larimer       | \$393,900    | 7/1/12(a)       |
| 3  | Jackson Ditch Co             | Headgate Check Struct. Rehab       | Larimer       | \$81,810     | 7/1/12          |
| 4  | Snowmass W&S Dist            | Zeigler Res. Water Management      | Pitkin        | \$1,952,805  | 9/1/12          |
| 5  | Snowmass W&S Dist            | Zeigler Res. Expansion Proj        | Pitkin        | \$2,873,804  | 9/1/12(b)       |
| 6  | Republican River WCD         | Compact Compliance Pipeline        | Multiple      | \$60,600,000 | 9/1/12          |
| 7  | Pagosa Area WSD              | Dry Gulch Res. Land Acquisition    | Archuleta     | \$11,217,060 | 10/1/12         |
| 8  | New Cache LaPoudre Irr. Co   | Reservoir Project                  | Weld          | \$7,272,000  | 12/1/12(c)      |
| 9  | Big Elk Meadows Assoc.       | Raw Water System Improvements      | Boldr/Larimr  | \$272,700    | 2/1/13          |
| 10 | Center of CO Water Cons Dist | Smelter Pipeline Res Enlargement   | Park          | \$404,000    | 2/1/13(d)       |
| 11 | Henrylyn Irrigation District | Horse Creek & Prospect Res Rehab   | Weld          | \$2,184,327  | 2/1/13(e)       |
| 12 | Two Rivers Water Co          | Orlando Reservoir Rehabilitation   | Huerf/Pueb    | \$1,184,882  | 3/1/13          |
| 13 | Parkville Water District     | Canterbury Tunnel Repair           | Lake          | \$1,838,200  | 2/1/13          |
| 14 | Farmers Res & Irrigation Co  | Milton Res & Barr Lake Imprv Proj. | Adms/Weld     | \$3,535,000  | 4/1/13          |
| 15 | Ogilvy Augmentation Co       | Well Augmentation                  | Weld          | \$1,010,808  | 4/1/13          |
| 16 | Fort Morgan Res & Irr Co     | Pipeline/Augmentation Retiming     | Morgan        | \$1,494,800  | 5/1/13          |
| 17 | Fort Morgan Res & Irr Co     | River Diversion Rehab Project      | Morgan        | \$1,308,960  | 5/1/13          |
|    |                              | Total                              |               | \$97,810,492 |                 |

Fiscal Year 2012-13 has added or preserved 8,205AF of reservoir storage [(a) 1,120AF, (b) 240AF, (c) 4,500AF, (d) 300AF, (e) 3,000AF]

Interstate Compact Compliance • Watershed Protection • Flood Planning & Mitigation • Stream & Lake Protection  
Water Project Loans & Grants • Water Modeling • Conservation & Drought Planning • Water Supply Planning

**LAST CHANCE DITCH COMPANY  
DITCH HEADWORKS REPLACEMENT PROJECT**

**Project Description**

The Last Chance Ditch Company utilizes the Last Chance Ditch to supply water to its 14 shareholders for the purpose of irrigation and gravel company operations. The old headworks of the ditch consisted of a wooden structure with dual gates that had been in place since the early 1900's. The headgate had been rehabilitated numerous times over the years and the annual maintenance and reliability had become a growing concern. The project included the removal and replacement of the existing headworks with a reinforced concrete structure with dual headgates and an overshot gate. The Project will reduce the annual maintenance costs and increase the reliability of the structure.

**Project Data**

**Sponsor:** Last Chance Ditch Company

**County:** Weld

**Water Source:** St. Vrain Creek

**Substantial Completion:** July 1, 2012

**Terms of Loan:** \$185,436 (\$166,460 drawn) for 30 years @ 4.65%

**Design Engineer:** AGPROfessionals, LLC, Longmont, CO

**Contractor:** Concrete Structures, Inc., Longmont, CO

**Project Elements:** Concrete diversion structure, 120 tons of rock rip-rap, 3 steel gates

**Lake Canal Reservoir Company  
SOUTH GRAY RESERVOIR REHABILITATION and GRAY No. 3 BREACHING**



South Gray Toe Drain



Gray No. 3 Dam Breach

### **Project Description**

The Project was necessary to address a dam safety hazard identified by the Dam Safety Branch of DWR and avoid the potential for a reservoir storage restriction. The South Gray Reservoir dam had excessive seepage along a major portion of the dam which required the installation of toe drains along the face of the dam to preserve the storage right and ensure the safety of the dam. Gray Reservoir No. 3 was restricted to zero storage by the SEO due to the poor condition of the dam and outlet works. The Company received a court decree allowing the storage to be moved to other locations which allowed the Company to breach Gray No. 3 dam and realign the access road. The Project was completed in the fall of 2011.

### **Project Data**

**Sponsor:** Lake Canal Reservoir Co.

**County:** Larimer & Weld

**Water Source:** Box Elder Creek

**Terms of Loan:** \$393,900 for 30 years @ 3.15%

**Substantial Completion:** July 1, 2012

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

**Contractor:** Schmidt Earth Builders, Windsor, CO

**Project Elements:** The rehabilitation involved \$100,000 of toe drain installation and measuring weirs. Riprap was placed along the upstream face of the dam.

**JACKSON DITCH COMPANY  
CHECK DAM REHABILITATION PROJECT**

**Project Description**

The Jackson Ditch Company is responsible for the average annual delivery of 5,500 AF of irrigation water to its 75 shareholders. This project was for the rehabilitation of the check dam structure on the Cache la Poudre River. The river splits and flows around an island just upstream of the Company's diversion headgate. When flows are particularly low the structure is utilized to convey flows to the east side of the island where they can be diverted through the headgate. The concrete check dam had been in place since the 1960's, but has recently fallen into disrepair, preventing the Company from diverting its most senior water rights at times. The project provides a long-term, low maintenance solution for restoring the ability to deliver water to shareholders during times of extreme river conditions. Construction was completed in the summer of 2012.

**Project Data**

**Sponsor:** Jackson Ditch Company

**County:** Larimer

**Water Source:** Cache la Poudre River

**Substantial Completion:** July 1, 2012

**Terms of Loan:** \$124,533 (\$112,958 drawn) for 30 years @ 3.60%

**Design Engineer:** Andek Consulting, Fort Collins, CO

**Contractor:** Connell Resources, Inc., Fort Collins, CO

**Project Elements:** 53 CY concrete check dam structure and footing with steel control gate

**Snowmass Water & Sanitation District  
ZEIGLER RESERVOIR WATER MANAGEMENT SYSTEM**



### **Project Description**

The District requested a loan to construct a delivery system which included the construction of a pump house, approximately 1,400 ft of pipe, a flow control building, installation of telemetry and electric power. The District diverts water for treatment from East Snowmass Creek and East Snowmass Creek Spring, Brush Creek and Snowmass Creek. Prior to this Project the District did not have a useable raw water storage facility. They purchased Ziegler Reservoir (aka Lake Deborah) in 2008 for the express purpose of improving system reliability by expanding the reservoir from its current 57 AF to approximately 225 AF. The District serves approximately 3,500 full time residents and during the winter ski season about 15,000 residents. The new system will regulate flows and provide a supply during times of diminished stream flows, and divert water to and pump water from the recently purchased Ziegler reservoir. Construction was completed in the fall of 2011.

### **Project Data**

**Sponsor:** Snowmass Water & Sanitation District

**County:** Pitkin

**Water Source:** Snowmass Creek

**Terms of Loan:** \$1,952,805 for 20 years @ 4.25%

**Substantial Completion:** September 1, 2012

**Design Engineer:** McLaughlin Water, Denver

**Contractor:** Gould Construction, Glenwood Springs

**Project Elements:** The construction of a pump house, approximately 1,400 ft of pipe, a flow control building, installation of telemetry and electric power.

**Snowmass Water & Sanitation District  
ZEIGLER RESERVOIR EXPANSION PROJECT**



**Project Description**

The District requested a loan to enlarge Ziegler Reservoir. The District purchased Ziegler Reservoir in 2008 with the purpose of improving system reliability and expanding it from 57 AF to 240 AF. Prior to that time, it did not have a useable raw water storage facility. This was part of an overall effort to regulate flows and provide a supply during times of diminished stream flows. The overall effort included a system to divert water to and pump water from the reservoir. The CWCB previously approved a loan to the District to construct the pipeline to deliver water to and from the reservoir. The reservoir expansion uncovered a significant number of prehistoric mammoth bones which set the project back about one year. It was completed in the fall of 2011.

**Project Data**

**Sponsor:** Snowmass Water & Sanitation District

**County:** Pitkin

**Water Source:** Snowmass Creek

**Terms of Loan:** \$2,873,804 for 20 years @ 4.75%

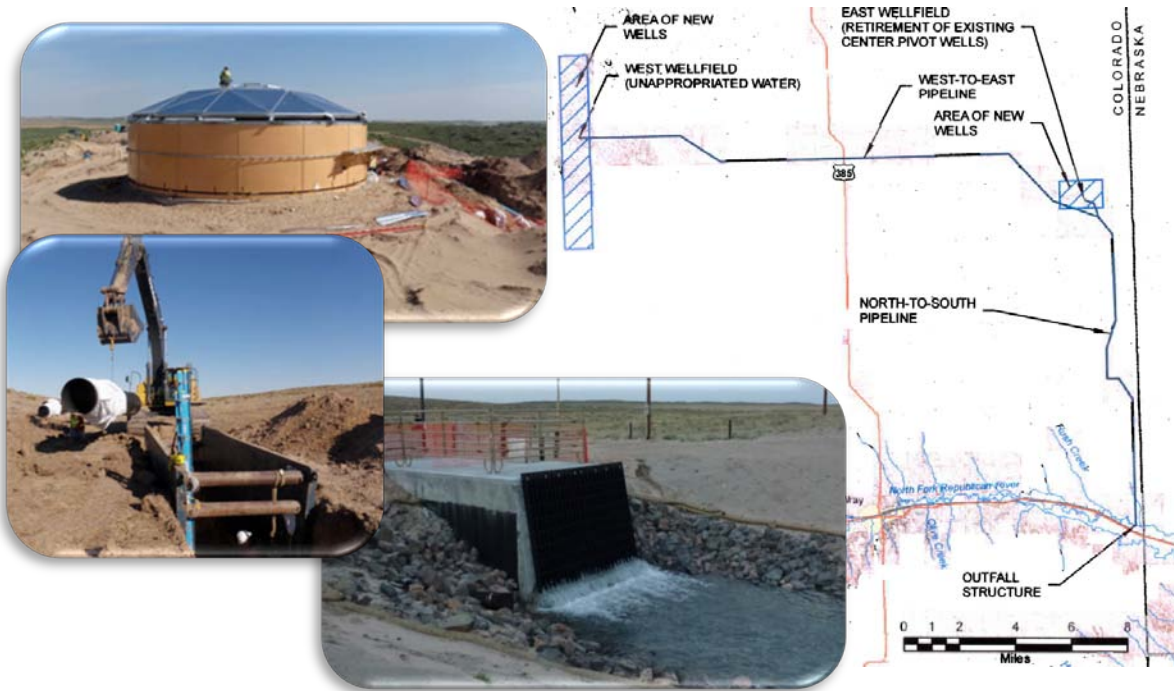
**Substantial Completion:** September 1, 2012

**Design Engineer:** WW Wheeler & Assoc., Denver and URS Corporation, Denver

**Contractor:** Hudick Excavating, Castle Rock

**Project Elements:** The removal of the existing dam and replace it with 40,000 CY of dam embankment material, installation of riprap, spillway tower, outlet structure, and sand filter drain system.

## REPUBLICAN RIVER WATER CONSERVATION DISTRICT COMPACT COMPLIANCE PIPELINE PROJECT



### Project Description

In December 2002, Colorado entered into a Stipulation with Kansas and Nebraska to address the U.S. Supreme Court case of *Kansas v. Nebraska and Colorado*. In 2007, the State had exceeded its allocation under the Compact by an average of 11,350 AF/yr. To solve the problem the District elected to acquire ground water and deliver it to the North Fork of the Republican River via this pipeline project to the Colorado-Nebraska state line to offset stream depletions. The 12.7 miles of pipe runs roughly parallel to the state line to an outfall point on the Republican River approximately ½ mile above the Colorado/Nebraska state line. The pipe diameter is 42" on the north end and reduces to 30" in the lower section near the river. Water can be pumped from a network of 15 wells, into a storage tank at the top end of the pipe, and gravity flows to the outfall at the river. The District purchased 53 irrigation wells to achieve the necessary water.

### Project Data

**Sponsor:** Republican River  
Water Conservation District

**County:** Yuma, Phillips, Sedgwick,  
Logan, Washington, Lincoln, and Kit  
Carson

**Water Source:** North Fork  
Republican River Wells

**Terms of Loan:** \$60,600,000, 20 years @ 2.00%

**Substantial Completion:** 9/1/2012

**Contractor:** Garney Construction, Kansas City Mo.

**Design Engineer:** GEI Consultants, Inc, Centennial, and Slattery Aqua Engineering, Parker

**Legal Counsel:** Hill & Robins, PC, Denver, CO

**Project Elements:** 12.7 miles of ductile iron pipe, 7.8 miles of PVC well-collection field pipe, 15,000 AF of well water rights

**Pagosa Area Water & Sanitation District  
DRY GULCH RESERVOIR PROJECT – LAND ACQUISITION**



View to the northeast of subject. Forest Service and BLM Land in background

### **Project Description**

District serves 9,500 residents in the 100 sq. mile service area. Drought and demand from growth is requiring additional storage. Growth projections estimated the need for a 35,000 AF reservoir to meet demand through 2100. Dry Gulch site was the only reasonably valued site available due to land development in the area. The primary source of water for the Reservoir will be pumping water from the San Juan River. The CWCBC loan was used to purchase one of two parcels of land needed to begin the process of designing a reservoir. Construction was expected to start in 2020 however due to the downturn in the economy and a change in the direction of the Board of Directors, the Project has been terminally placed on hold without purchasing the second parcel of land. A request from the District to set a Substantial Completion date of October 1, 2012 was granted by staff and supported by the CWCBC Board at the September 2012 meeting.

### **Project Data**

**Sponsor:** Pagosa Area W&S District

**County:** Archuleta

**Water Source:** San Juan River

**Terms of Loan:** \$11,217,060 for 30 years @ 3.5%

**Substantial Completion:** October 1, 2012

**Design Engineer:** Harris Engineering, Durango and MWH Americas, Inc, Denver

**Contractor:** N/A

**Project Elements:** Weber parcel appraised by Walters & Mullins for \$10,525,000. District closed on the property on January 2008.

**New Cache La Poudre Irrigation Company  
BARNESVILLE RESERVOIR PROJECT**



**Project Description**

The Company diverts about 37,500 AF of irrigation water from the Cache La Poudre River near Timnath to service approximately 35,000 acres in Larimer and Weld counties, located immediately north of the Cache La Poudre and South Platte rivers between Windsor and Barnesville. This project provides water storage to equalize ditch flows, improve the efficiency and reliability of the canal system, provide storage to meet demand, and to augment groundwater supplies to compensate for well pumping. The construction of the three reservoirs near Barnesville consists of the 300 AF Barnesville Equalizer Reservoir, the 1600 acre-foot Cornish Plains Reservoir, the 600 acre-foot Drury Reservoir, a diversion structure to divert water from the North Side Extension Ditch into the Barnesville Equalizer, and a pump station.

**Project Data**

**Sponsor:** New Cache La Poudre  
Irrigation Company

**County:** Larimer/Weld

**Water Source:** Cache La Poudre  
River

**Terms of Loan:** \$7,272,000 for 20 years @ 2.50%

**Substantial Completion:** December 1, 2012

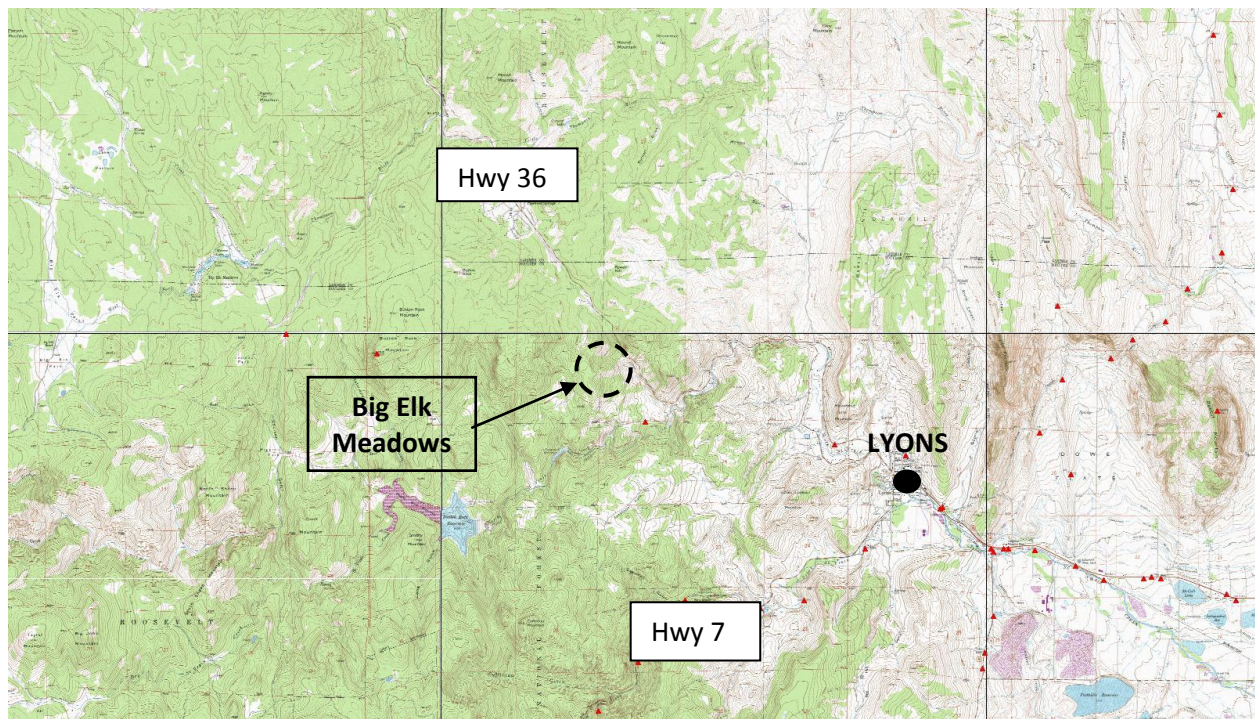
**Design Engineer:** Smith Geotechnical Engineering, Fort Collins

**Contractor:** Schmidt Earth Builders, Inc. Windsor, CO

**Project Elements:** 2,450 lf of 36" pipeline and 5,870 lf of 24" pipeline connecting the 3 reservoirs.

**Water Project Loan Program – Project Data Sheet****Borrower:** Big Elk Meadows Association**County:** Boulder/Larimer**Project Name:** Raw Water System Improvements**Project Type:** System Rehabilitation**Drainage Basin:** South Platte, District 4**Water Source:** West Fork of L.T. River**Total Project Cost:** \$300,000**Funding Source:** Construction Fund**Type of Borrower:** Middle-Income Municipal**Avg. Annual Depletion:** 76 AF**CWCB Loan:** \$272,700 (w/ 1% service fee)**Interest Rate:** 4.50% **Term:** 30 years

The Big Elk Meadows Association (Association) is requesting a loan for improvements to their 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 their water accounting practices it was determined the outlet conduit from Meadow Lake Dam was collapsing and there was no way to control release rates. It was also determined that the Association has no accurate means to measure flows and accurately control reservoir releases, violating the terms of its 1995 decree regarding return flows. The SEO has 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 include: Meadow Lake Dam outlet replacement, raw water monitoring, and ISH Reservoir augmentation outfall. This project will provide the Association with a means to monitor and control reservoir releases while satisfying downstream obligations per their augmentation plan.

**Location Map**

### Water Project Loan Program - Project Data Sheet

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

**County:** Park

**Project Name:** Smelter Pipeline Reservoir  
Enlargement

**Project Type:** Reservoir Enlargement

**Drainage Basin:** South Platte

**Water Source:** Michigan Creek

**Total Project Cost:** \$565,800

**Funding Sources:** Construction Fund

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

**Water Storage:** 28 AF

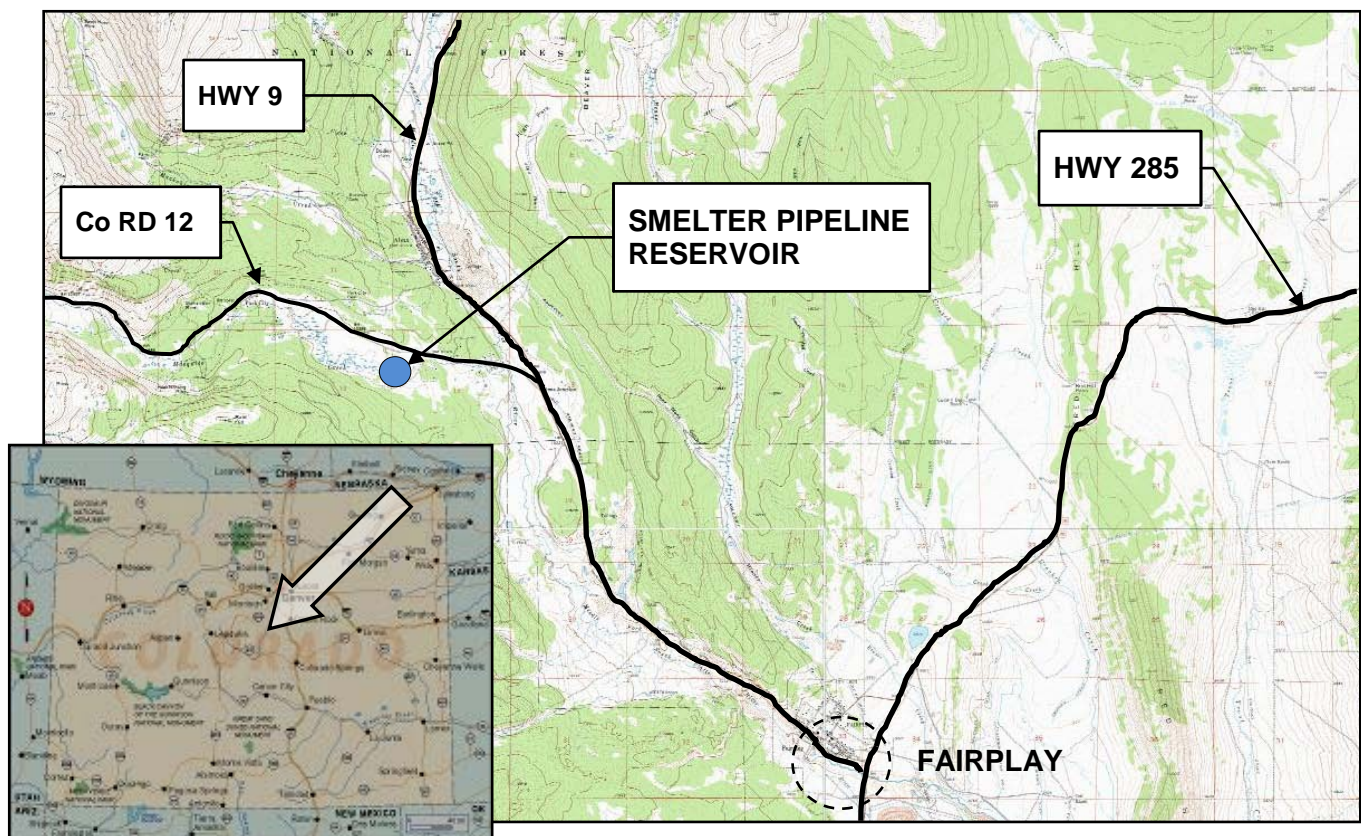
**New Storage:** 7 AF

**Loan Amount:** \$404,000 (Including 1% fee)

**Interest Rate:** 2.5%      **Term:** 10 years  
Reduced from 3.0%, 30 year

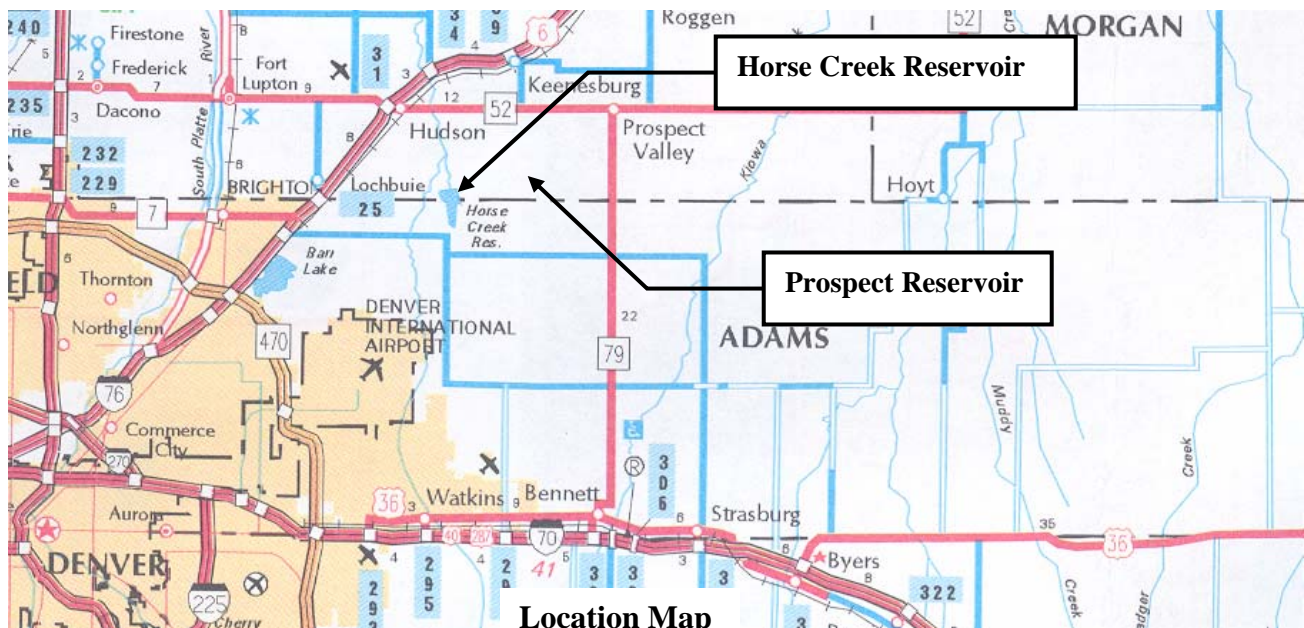
The Center of Colorado Water Conservancy District is applying for a \$400,000 loan for the enlargement of Smelter Pipeline Reservoir. The total Project cost is estimated at \$565,800. The District has requested a loan for approximately 70% of the total Project cost. The enlargement of the reservoir, from 21 AF to 28 AF will increase the District's augmentation storage and enable the District to more efficiently implement its augmentation obligation across Park County. Included in the Project is the lining of the reservoir and modification of the dam outlet works to accommodate the increased capacity. Construction is scheduled for the summer/fall of 2012.

### LOCATION MAP



**Water Project Construction Loan Program - Project Data****Borrower:** Henrylyn Irrigation District**County:** Weld**Project Name:** Horse Creek & Prospect Reservoirs**Project Type:** Reservoir Rehabilitation**Drainage Basin:** South Platte**Water Source:** Denver- Hudson Canal**Total Project Cost:** \$2,403,000**Funding Sources:** CWCB, HID**Type of Borrower:** Agricultural**Aver. Delivery:** 13,850 acre-feet**CWCB Construction Fund Loan:** \$2,184,327  
(incl. 1% loan fee)**Interest Rate:** 2.25% **Term:** 30 years

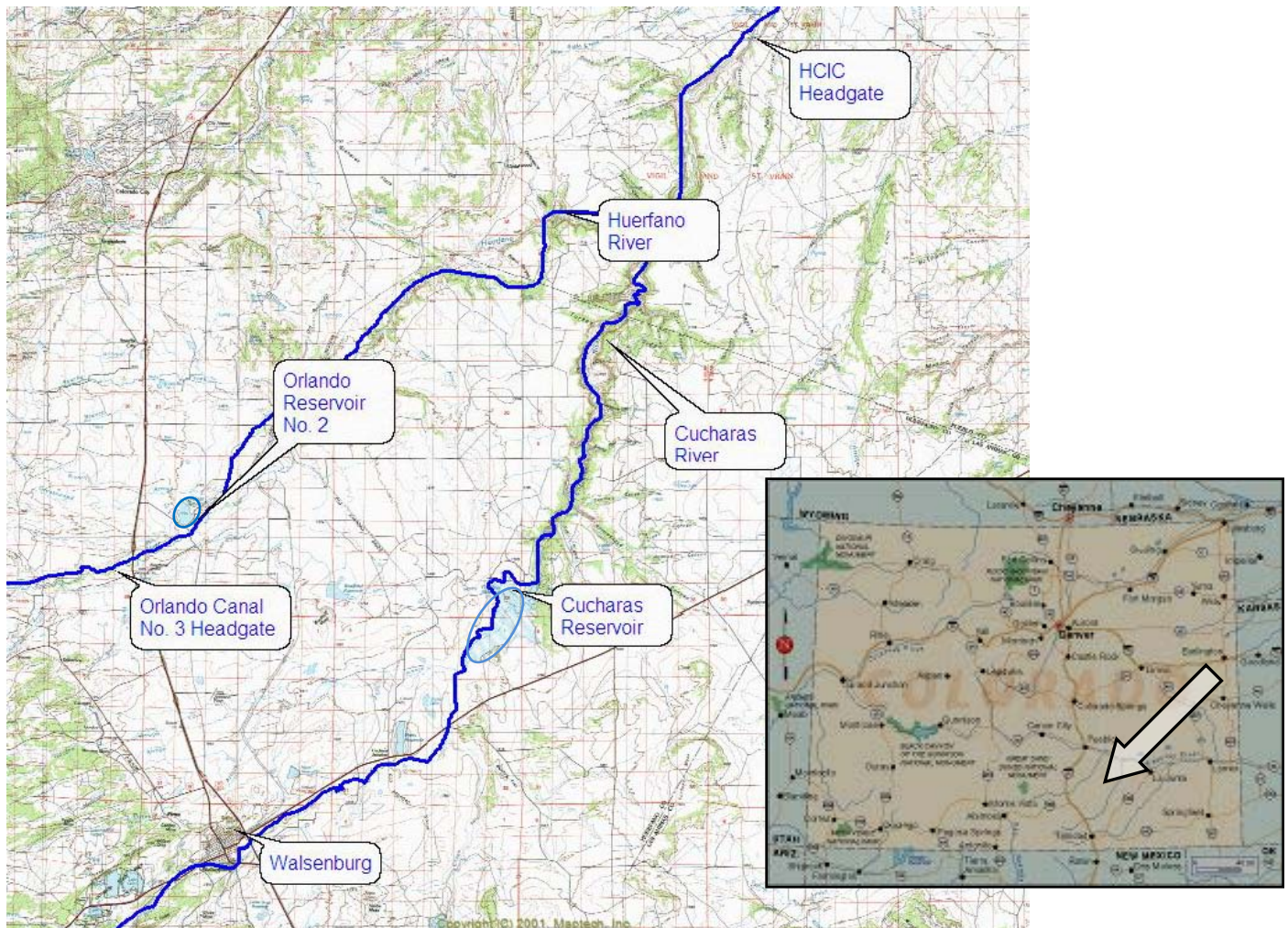
The HID was formed in 1907 Irrigation District Law of 1905, and consists of 32,745 acres of irrigated farm land in Weld County. The service area starts about 2 miles west of Hudson and extends generally east and south along I-76, to about 9 miles east of Keenesburg. The HID diverts water through the Burlington Canal Headworks on the South Platte River, extending 16 miles to and past Barr Lake. From Barr Lake the Denver-Hudson Canal continues 25 miles to Horse Creek Reservoir, and then continues another 25 miles to Prospect Reservoir. Annual HID delivery is 19,175 AF. Horse Creek Reservoir was constructed in 1910, and is a High Hazard, Class 1 earth fill dam, with a dam height of 64 feet, a length of 4800 lineal feet, and a crest width of 16 feet. There is a 200 foot wide earth-lined spillway. The decreed storage right is 19,515 AF, but normal storage is 18,747 acre feet. The outlet works consist of 3 x 48" diameter steel conduits. The proposed project will provide a lining for the outlet works, install additional toe drainage, and resurface and re-grade the dam crest. Prospect Reservoir was constructed in 1914, and is a Significant Hazard, Class 2 earth dam, with a dam height of 43.5 feet, a length of 5,301 lineal feet, and a crest width of 20 feet. There is a 250 wide concrete and riprap spillway. The decreed storage right if for 7,660 AF, but the normal storage is 6,368 acre feet. The outlet works consist of a 48" concrete pipe that narrows to about 30" downstream of the control gate, due to previous re-lining projects. The reservoir is currently restricted to 1.5 feet below the historic maximum stage, due to concerns about the stability of the downstream slope of the dam. The proposed project will provide a lining for the outlet works, and resurface and re-grade the dam crest.



**CWCB Construction Loan Program  
Project Data Sheet**

**Borrower:** Two Rivers Water Company**County:** Huerfano & Pueblo**Project Name:** Orlando Reservoir Rehabilitation**Project Type:** Reservoir Rehabilitation**Drainage Basin:** Arkansas River**Water Source:** Huerfano River**Total Project Cost:** \$1,303,500**Funding Sources:** Construction Fund**Type of Borrower:** Agricultural**Average Delivery:** 6,800 AF**Loan Amount:** \$1,184,882 (Including 1% fee)**Interest Rate:** 2.5%  
(Reduced)**Term:** 20 years

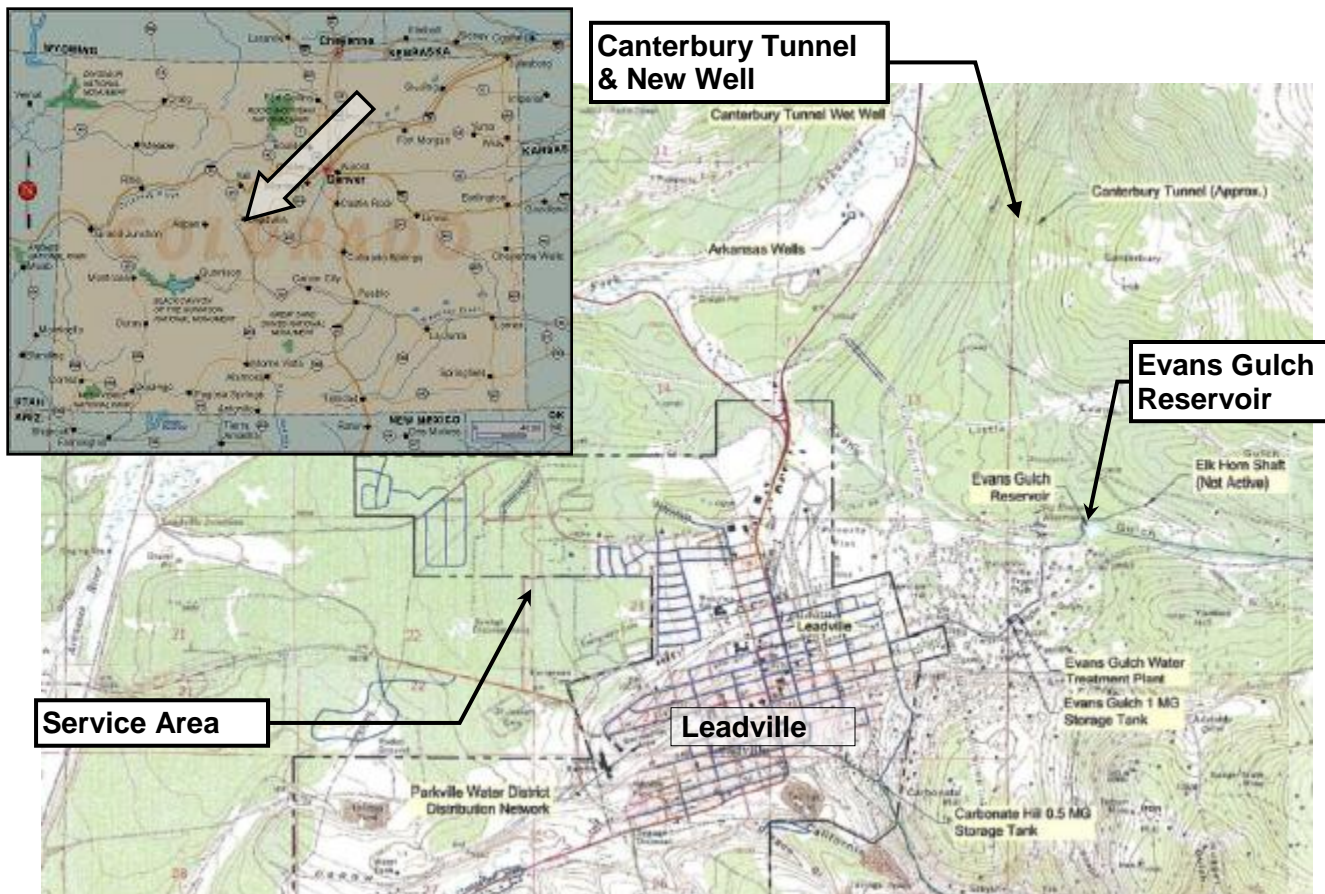
The Two Rivers Water Company is requesting a CWCB loan to restore aging water infrastructure in order to support the company's agricultural production. Loan funds will be used to modify the spillway at the Cucharas Dam. This will bring the spillway up to SEO standards and will allow the company to store water and avoid a pending breach order. Loan funds will also be used to repair the outlet works at the Orlando Reservoir No. 2, to construct a new headgate on the Orlando Canal, and to replace the old Huerfano-Cucharas Irrigation Company (HCIC) headgate with new automated gates. Construction on these projects will begin in the fall of 2011 with completion expected by January of 2013.



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

**Borrower:** Parkville Water District**County:** Lake**Project Name:** Canterbury Tunnel Repair**Project Type:** Rehabilitation**Drainage Basin:** Colorado River**Water Source:** East Fork Arkansas**Total Project Cost:** \$2,520,000**Funding Sources:** Construction Fund**Type of Borrower:** Low Income - Municipal**Project Diversions:** 1,086 AF**Loan Amount:** \$1,838,200 (Including 1% fee)**Interest Rate:** 4.0%**Term:** 30 years

The Parkville Water District provides municipal water for the Town of Leadville and surrounding areas. The District provides service to about 2300 taps. The Canterbury Tunnel has been a critical water supply source to the District for over 45 years. The Tunnel originally served as mine drainage; however, because it was of such good quality and reliability the District added it to its water supply system. About 15 years ago, the flow of water was significantly reduced due to a collapse in the tunnel. The District proposes to drill a new well to access the functioning part of the tunnel and pump the water to the District's distribution system. The Project design is nearly complete and construction is projected for the fall/winter 2010.



**CWCB Construction Loan Program  
Project Data Sheet**

**Borrower:** Farmers Reservoir and Irrigation Co.    **County:** Adams & Weld

**Project Name:** Milton Reservoir and Barr Lake Improvements    **Project Type:** Reservoir Spillway and Outlet Works

**Drainage Basin:** South Platte

**Water Source(s):** Beebe Seep Canal / Platte Valley Canal / O'Brian Canal

**Total Project Cost:** \$3,884,000

**Funding Sources:** Construction Fund

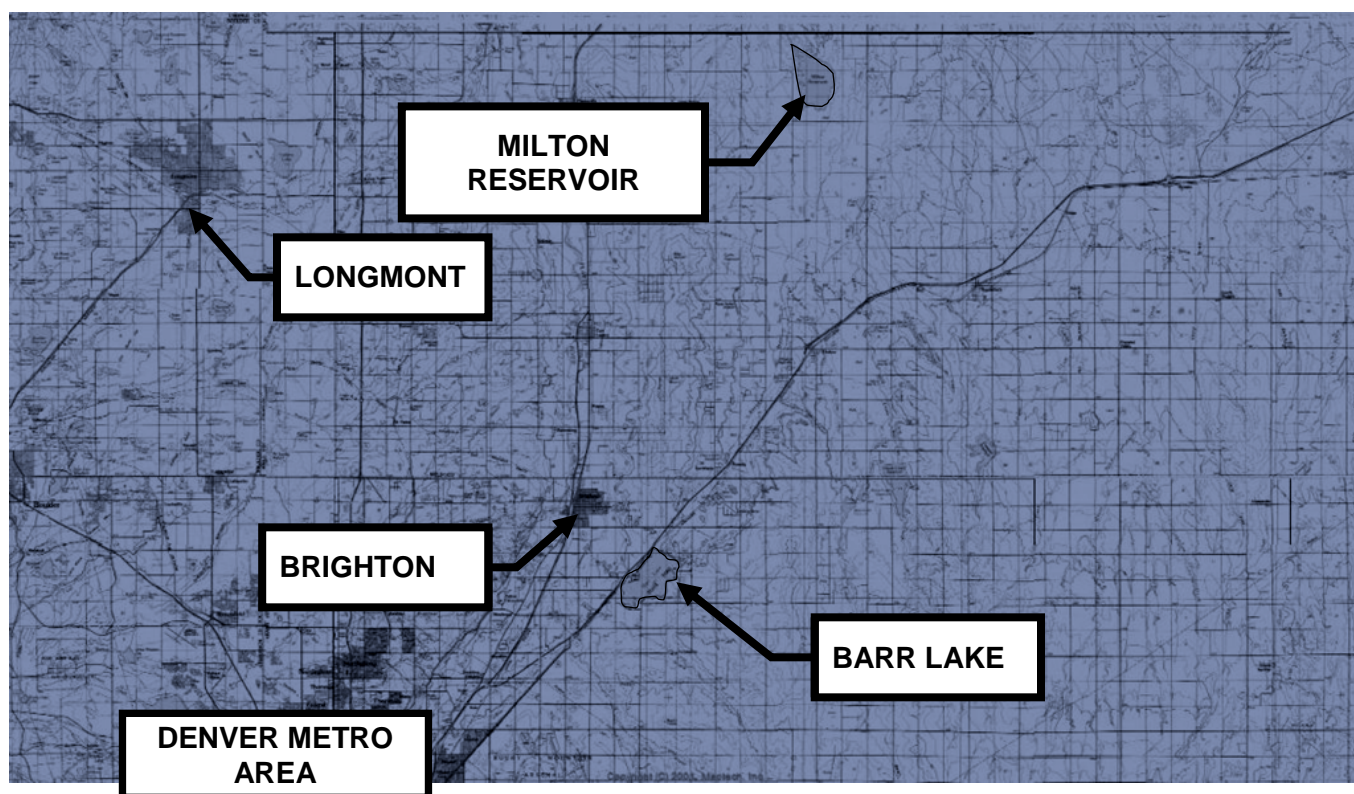
**Type of Borrower:** Blended Ag & Municipal & Commercial

**Average Delivery:** 125,000 AF

**Loan Amount:** \$3,535,000 (Including 1% fee)

**Interest Rate:** 3.7%    **Term:** 30 years

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, Colorado. The system consists of four major reservoirs (Standley Lake, Marshall Lake, Barr Lake and Milton Reservoir) numerous smaller reservoirs, and approximately 400 miles of diversion and delivery canals. This loan request specifically relates to work to be completed at Milton Reservoir and Barr Lake. The Company intends to complete the following three projects: Milton Reservoir Outlet Works (replacing the upstream outlet gate structure and a portion of the piped outlet works), Milton Spillway (enlarging the existing spillway), and Barr Lake Spillway (enlarging the existing spillway and raising the perimeter dike). These projects have been submitted to the SEO for review. The Company expects to construct these projects between September 2009 and January 2011.

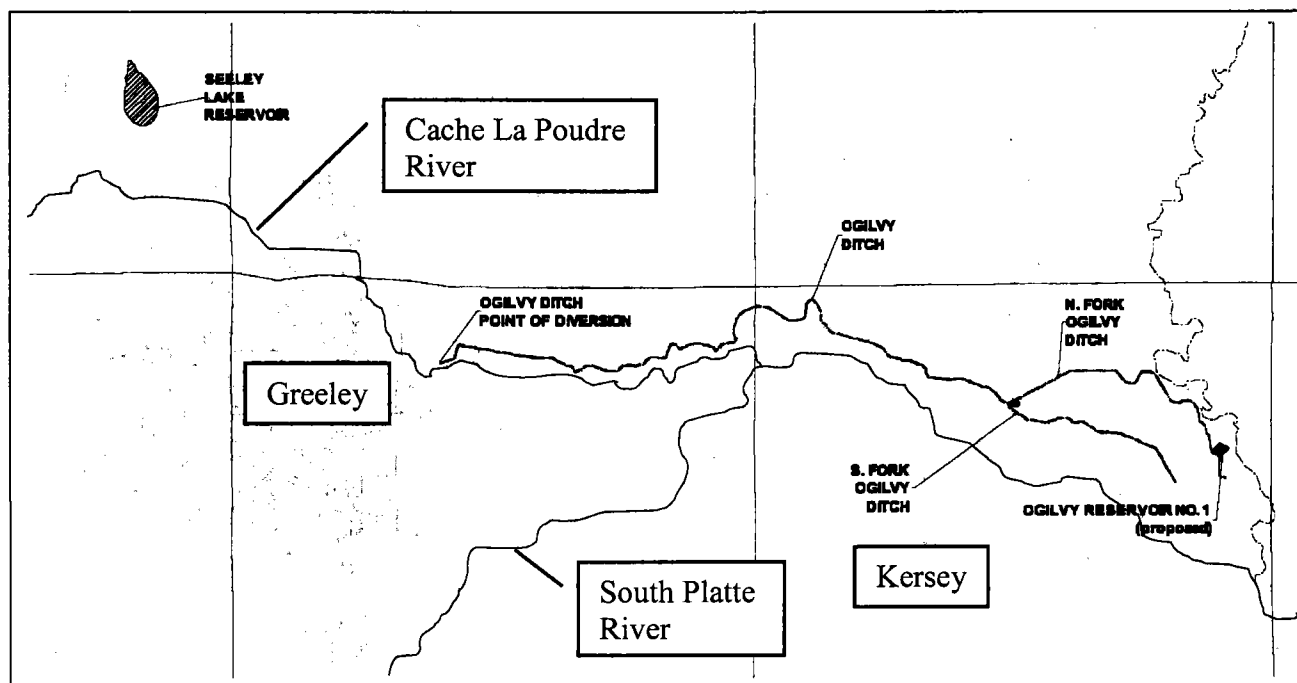


**LOCATION MAP**

## Water Project Loan Program - Project Data

**Borrower:** Ogilvy Augmentation Company**County:** Weld**Project Name:** Well Augmentation Project**Project Type:** Well Augmentation**Drainage Basin:** South Platte**Water Source:** Cache La Poudre**Total Project Cost:** \$1,112,000**Funding Sources:** CWCB, Company**Type of Borrower:** Agricultural**Average Delivery:** 60 acre-feet**CWCB Loan:** \$1,010,808 (Including 1% fee)**Interest Rate:** 2.5% **Term:** 30 years

The Ogilvy Augmentation Company (Augmentation Company) was established in 2005 to augment wells that operate under the Ogilvy Irrigating and Land Company service area. Approximately 1,400 acres of land are irrigated by the Augmentation Company members in an area north of Kersey, Colorado. There are 17 wells in the Augmentation Company that operate under its temporary substitute water supply plan (SWSP). The SWSP is currently operated using leased water. A permanent water supply is necessary for the Augmentation Company to obtain a permanent augmentation plan. Funds are being requested from the CWCB to: purchase water rights, construct a recharge facility, construct a storage reservoir, and install monitoring devices. The Augmentation Company intends to purchase the water rights upon the approval of the CWCB funding and construct the recharge facility in fall/winter of 2008. It will file for its permanent augmentation plan in early 2009. Once the permanent augmentation plan is approved, construction will begin on the storage reservoir.



Location Map

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

**Borrower:** Fort Morgan Res. & Irrigation Co.

**County:** Morgan

**Project Name:** Pipeline Project

**Project Type:** Augmentation/Pipeline Const.

**Drainage Basin:** South Platte

**Water Source(s):** South Platte River

**Total Project Cost:** \$2,388,500

**Funding Sources:** Construction Fund

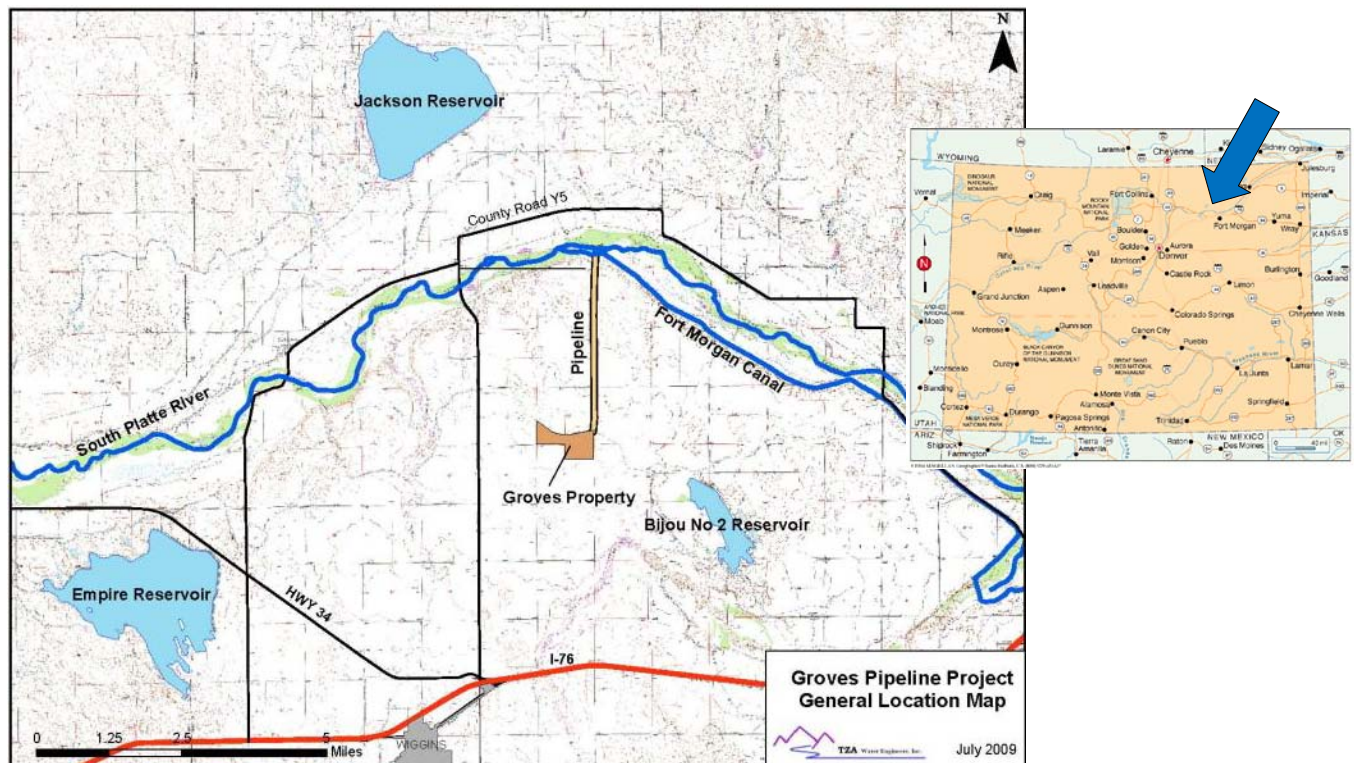
**Type of Borrower:** Blended (Ag & Municipal  
& Commercial)

**Average Diversions:** 37,058 AF

**Loan Amount:** 1,494,800 (Including 1% fee)

**Interest Rate:** 2.9%    **Term:** 30 years

The Company operates a ditch system that serves surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and operates a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells. In addition, the Company has an operational agreement with Groves Farms, LLC, which is a family farming corporation also located in Morgan County, for a recharge/augmentation plan. The Company, with Groves Farms, has designed a plan to re-divert and re-time augmentation credits from the Company's more senior recharge projects at certain times when they are not needed for direct augmentation use, and to divert water under new junior water rights when available for recharge and augmentation use. The Project involves installing one 24" pipe from the River extending three miles to recharge ponds on Groves Farms' land; installing two pumps to pump water from the River through the pipeline; installing one augmentation well and pumping equipment near Groves' ponds to pump ground water back to the South Platte River; and installing seven recharge/augmentation ponds (with a surface area of approximately 95 acres) on Groves Farms' land. The Project will be completed within 12-18 months after loan approval.

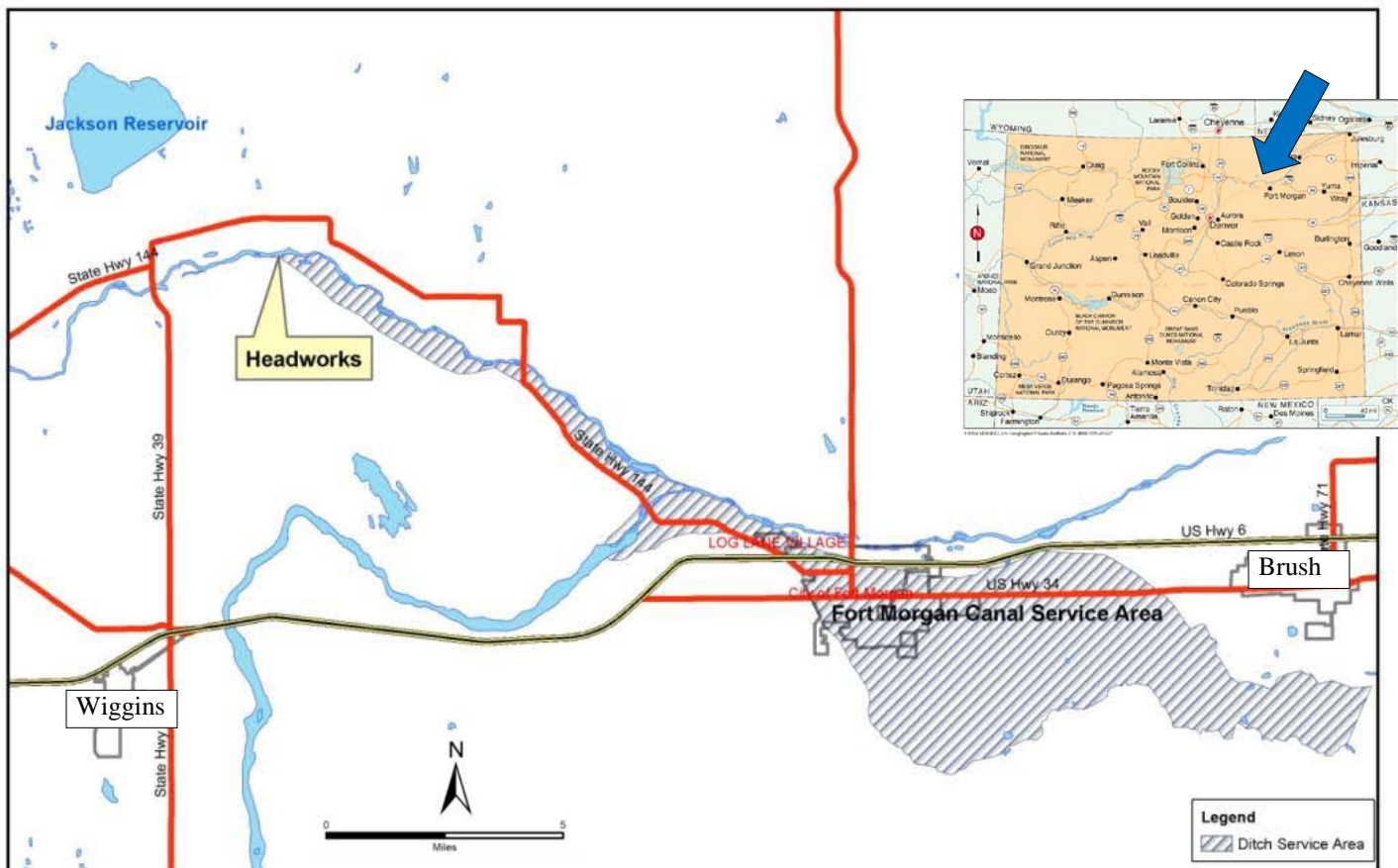


**LOCATION MAP**

### CWCB Construction Loan Program Project Data Sheet

|  |   |
|--|---|
| <b>Borrower:</b> Fort Morgan Res. & Irrigation Co.<br><br><b>Project Name:</b> River Diversion Rehabilitation<br><br><b>Drainage Basin:</b> South Platte / District: 1<br><br><b>Total Project Cost:</b> \$1,440,000<br><br><b>Type of Borrower:</b> Blended (Ag & Municipal & Commercial)<br><br><b>Loan Amount:</b> \$1,308,960 (Including 1% fee) | <b>County:</b> Morgan<br><br><b>Project Type:</b> River Diversion<br><br><b>Water Source(s):</b> South Platte River<br><br><b>Funding Sources:</b> Construction Fund<br><br><b>Average Diversions:</b> 74,890 AF<br><br><b>Interest Rate:</b> 1.85% <b>Term:</b> 30 years |
|--|---|

The Company operates a ditch system that delivers surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and operates a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells. Through this loan, the Company plans on repairing its river diversion structure to ensure that it can continue to divert water from the South Platte River. Both the river diversion structure and ditch intake structure will be upgraded with bladder gates. This will allow the Company to more efficiently operate its system and reduce sand build up. Construction is expected to begin in November of 2012 with completion estimated in early 2013.



May 3, 2013

**Colorado Water Conservation Board  
Water Project Loan Program  
Project Design 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           |   |                           |  |
| 1  | Bergen Ditch & Reservoir Company<br>> Bergen Reservoir No. 2 Rehabilitation<br>C150344             | Jefferson                 | \$ 2,020,000    | 30%    | 2014<br>-<br>2015             | 0%     | AM           | Bergen soliciting bids for engineering/geotech. Delay is to fill other reservoirs in order to drain Bergen #2.  |                           |  |
| 2  | Central CO WCD - WAS<br>> Augmentation Water Supply Project<br>C150337                             | Weld/<br>Adams/<br>Morgan | \$ 3,030,000    | 50%    | Apr 13<br>-<br>Apr 15         | 0%     | AM           | Closed on water rights on 4/25/13   |                           |  |
| 3  | Colorado Parks & Wildlife<br>> Beaver Park Reservoir Rehabilitation<br>C150343                     | Rio Grande                | \$ 10,000,000   | 50%    | Summer '13<br>&<br>Summer '14 | 0%     | KR           | Phase 1 open for bids. Phase 2 design underway  |                           |  |
| 4  | Crystal Lakes Water and Sewer Association<br>> Lower Lone Pine Lake Enlargement Project<br>C150325 | Larimer                   | \$ 2,363,400    | 80%    | Apr 12<br>-<br>Aug 14         | 0%     | AM           | Due to permitting complications through SEO (approval weeks or even months away) the Association has elected to push construction off until 2013. Plan to solicit bids in early 2013 and begin construction June/July. Land acquisitions are planned for spring 2013. |                           |  |
| 5  | Dillon, Town of<br>> Old Dillon Reservoir Enlargement<br>C150295                                   | Summit                    | \$ 1,515,000.00 | 100%   | Sep 10<br>-<br>Jan 12         | 99%    | KR           | The contractor failed to complete the project within the contract deadline. Project was completed in the fall of 2012 however the contractor is working to repair faulty a pipeline in spring 2013. SC planned for summer 2013  |                           |  |
| 6  | Eckhardt Farms Inc<br>> Water Rights Purchase<br>C150338   | Weld                      | \$ 1,336,230.00 | N/A    | Jan 13<br>-<br>Jan 17         | 0%     | AM           | The 1st of the 2 water rights purchases is expected to occur in mid 2013.   |                           |  |
| 7  | Farmers' High Line Canal and Reservoir Company<br>> System Rehabilitation Project<br>C150314       | Adams/<br>Jefferson       | \$ 1,410,768.00 | 100%   | Feb 11<br>-<br>Feb 14         | 60%    | KR           | The Co. received a loan increase of nearly \$900K in November 2012. Work started in Dec 2012. Const of Clear Creek diversion will resume in fall 2013.  |                           |  |
| 8  | Fisher Ditch Company<br>> Ditch Infrastructure Project<br>C150319                                  | Denver                    | \$ 454,500      | 100%   | Nov 12<br>-<br>Dec 13         | 20%    | AM           | The Broadway Pipeline task was completed December 2012. The Headgate Rehabilitation task is scheduled for 2013 construction pending permitting issues. Timing of the Sandout Gate Installation and Federal Piping are T.B.D.  |                           |  |
| 9  | Georgetown, Town of<br>> Outlet Works Modification Project<br>C150321                              | Clear<br>Creek            | \$ 2,976,975    | 50%    | Jan 14<br>-<br>Jul 14         | 0%     | AM           | Final design is underway. Construction is expected to begin in the spring of 2014.  |                           |  |
| 10   | Greeley Irrigation Company<br>> Greeley Canal No. 3 Rehabilitation<br>C150239                      | Wled                      | \$ 2,233,867.00 | 90%    | Feb 08<br>-<br>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.  |                           |  |

## Design and Construction Status Report

**ATTACHMENT 3**

| Current Projects in Design or under Construction  |                  |                 | Loan   | Design                | Construction |    |   | Status Description/Update |
|---|------------------|-----------------|--------|-----------------------|--------------|----|---|---------------------------|
| Borrower/Project  | County           | Amount          | Status | Start/End             | Status       | PM |   |                           |
| 11<br>Gypsum, Town of<br>> LEDE Ditch and Reservoir Rrehabilitation<br>C150296                  | Eagle            | \$ 2,689,731.00 | 90%    | Jul 13<br>-<br>Jul 14 | 15%          | KR | The Town received a WSR A grant for an enlargement of the Reservoir. The supply side pipeline component of the Project above the Reservoir was completed in September 2010. Permitting effort continues with construction expected in summer 2013.  |                           |
| 12<br>Joseph W. Bowles Reservoir Company<br>> Bowles No. 1 Dam Rehabilitation<br>C150290        | Jefferson        | \$ 1,703,870.00 | 100%   | Aug 10<br>-<br>Jan 14 | 90%          | KR |   |                           |
| 13<br>La Veta, Town of<br>> La Veta Dam Rehabilitation<br>C150329                               | Huerfano         | \$ 372,690      | 100%   | Oct 12<br>-<br>Mar 13 | 80%          | AM | The design was approved by the SEO in August of 2012. The bid has been awarded and construction began in October of 2012.   |                           |
| 14<br>Lake Canal Reservoir Company<br>> North Gray Reservoir Rehab Project<br>C150299           | Larimer/<br>Weld | \$ 116,625.00   | 20%    | Sep 13<br>-<br>Jan 14 | 0%           | AM |   |                           |
| 15<br>Left Hand Ditch Company<br>> Allen Lake and Lake Isabelle Repair Project<br>C150336       | Boulder          | \$ 1,157,157    | 75%    | Nov 12<br>-<br>Aug 13 | 50%          | AM | Allen Lake repairs are scheduled for completion in Mid 2013. Additional headgate and outlet pipe lining work needed. Costs were offset by savings from a reduction in rip-rap and import materials. Lake Isabelle design is nearly complete.  |                           |
| 16<br>Lower Latham Reservoir Company<br>> Well Augmentation Project<br>C150304                  | Weld             | \$ 3,811,573.00 | 100%   | Nov 09<br>-<br>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<br>Mancos Water Conservancy District<br>> Inlet and Outlet Canal Rehabilitation<br>C150120   | Montezuma        | \$ 5,486,531.00 | 75%    | Jan 04<br>-<br>Jan 14 | 99%          | KR | Rehabilitation of ditch system involving retaining walls and access road along the ditch was compiled in 2009. Additional 1000ft of ditch lining to be completed in October 2013.   |                           |
| 18<br>Monte Vista, City of<br>> Augmentation Water Rights Acquisition<br>C150309                | Rio Grande       | \$ 1,693,770.00 | n/a    | Oct 10<br>-<br>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<br>Montezuma Valley Irrigation Company<br>> May Lateral Pipeline<br>C150251                  | Montezuma        | \$ 5,292,400.00 | 100%   | Nov 07<br>-<br>Jul 12 | 99%          | KR | AgriTech Consulting designed the improvements. Installation of the 5-mile pipeline was completed in 2012. SC expected in 2013   |                           |
| 20<br>Montezuma Valley Irrigation Company<br>> Lone Pine & May Pipeline Improvements<br>C150333 | Montezuma        | \$ 339,600      | 100%   | Jul 12<br>-<br>Jul 13 | 75%          | AM | The screen installation on the Lone Pine pipeline completed along with pressure reducing valves. Installation of solar panels is continuing.  |                           |

## Design and Construction Status Report

### ATTACHMENT 3

| Current Projects in Design or under Construction  |          |                 | Loan   | Design                   | Construction |    | Status Description/Update  |
|---|----------|-----------------|--------|--------------------------|--------------|----|--|
| Borrower/Project  | County   | Amount          | Status | Start/End                | Status       | PM |  |
| 21<br>New Salida Ditch Company<br>> Ditch Rehabilitation<br>C150277                                       | Chaffee  | \$ 365,620.00   | 100%   | Oct 09<br>-<br>Dec 13    | 90%          | KR | Most of constuction completed in 2009. Additional phases to be completed in 2013.  |
| 22<br>North Delta Irrigation Company<br>> NDIC Tunnel Repair Project<br>C150331                           | Delta    | \$ 808,000      | 100%   | Jan 12<br>-<br>Dec 12    | 99%          | KR |  |
| 23<br>Overland Ditch and Reservoir Company<br>> Overland Reservoir Rehabilitation<br>C150206              | Delta    | \$ 1,130,000.00 | 50%    | Permitting               | 0%           | KR | Project on-hold until fens can be addressed in enlarged reservoir area.  |
| 24<br>Owl Creek Reservoir Company<br>> Owl Creek Reservoir Rehabilitation<br>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. |
| 25<br>Penrose Water District<br>> Water Rights Purchase and Pipeline Installation<br>C150237              | Fremont  | \$ 8,844,570.00 | 65%    | Oct 10<br>-<br>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  |
| 26<br>Pisgah Reservoir and Ditch Company<br>> Mount Pisgah Dam/Wrights Reservoir Rehab<br>C150341         | Teller   | \$ 161,345      | 75%    | Spring 14<br>-<br>Jan 15 | 0%           | KR | After SEO design review, scope of Project increased.   |
| 27<br>Platte Valley Irrigation Company<br>> Equalizer Reservoir Project<br>C150235                        | Weld     | \$ 2,388,650.00 | 100%   | Nov 10<br>-<br>Jul 13    | 5%           | KR |  |
| 28<br>Riverside Ditch and Allen Extension Company<br>> Ditch System Rehabilitation<br>C150301             | Chaffee  | \$ 186,345.00   | 85%    | Jul 10<br>-<br>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 Fld office for design.   |
| 29<br>Riverside Reservoir and Land Company<br>> Riverside Reservoir Spillway Enlargement<br>C150291       | Weld     | \$ 2,838,100.00 | 80%    | Sep 10<br>-<br>Jan 15    | 0%           | AM | The engineer is re-evaluating design options with support from the SEO.  |
| 30<br>Sanchez Ditch and Reservoir Company<br>> Sanchez Reservoir Outlet Rehabilitation Project<br>C150342 | Costilla | \$ 1,128,776    | 20%    | 2014<br>-<br>2015        | 0%           | AM |  |

Design and Construction Status Report

ATTACHMENT 3

| Current Projects in Design or under Construction |   |  | Loan                     |                 | Design |                       | Construction |    | Status Description/Update  |
|--|---|--|--------------------------|-----------------|--------|-----------------------|--------------|----|--|
| Borrower/Project                                 |   |  | County                   | Amount          | Status | Start/End             | Status       | PM |  |
| 31   | Terrace Irrigation Co<br>> Spillway Replacement Project<br>C150332                          |  | Conejos                  | \$ 2,724,721    | 100%   | Jul 12<br>-<br>Jul 13 | 99%          | KR | Construction by ASI Contractors is complete. Final walkthru scheduled.   |
| 32   | Thunderbird W&S Dist<br>> Lambert Ranch Water Rights Purchase<br>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<br>> Ridgway Reservoir Micro Hydro Project<br>C150324 |  | Ouray/<br>Mont/<br>Delta | \$ 13,130,000   | 75%    | Jul 12<br>-<br>Dec 13 | 30%          | KR | Construction is scheduled to begin in the spring of 2013 with energy production expected by October 2013. In September 2012, CWCB approved the release of \$5M to keep the project on schedule. This was an exception to the original contract conditions. Project Bill approval needed. |
| 34   | Twenty Two Road Lateral Company<br>> Twenty Two Road Lateral Replacement Project<br>C150344 |  | Mesa                     | \$ 517,848      | 100%   | Jan 13<br>-<br>May 13 | 80%          | KR | Construction near complete.  |
| 35   | Union Ditch Company<br>> Well Augmentation Project<br>C150127                               |  | Weid                     | \$ 312,595.00   | 75%    | Sep 06<br>-<br>Jan 14 | 80%          | KR | One recharge pond at the Miller Feedlot Site was compted with an accompany diversion structure on the Union Ditch.   |
| 36   | Upper Arkansas Water Conservancy District<br>> Reservoir Rehabilitation<br>C150192          |  | Chaffee/<br>Custer       | \$ 3,520,000.00 | 100%   | Jun 05<br>-<br>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 = \$ 89,504,407

## Design and Construction Status Report

## Current Projects in Design or under Construction

## Borrower/Project

| County | Loan Amount | Design Status | Construction Start/End Status | PM |
|--------|-------------|---------------|-------------------------------|----|
|--------|-------------|---------------|-------------------------------|----|

## Status Description/Update

## Projects Not Under Contract

|   |   |                      |               |                |    |  |
|---|---|----------------------|---------------|----------------|----|--|
| a | Southwestern CO Water Conserv. District<br>> Arkansas Valley Conduit                              | Crowley              | \$ 60,600,000 | In Contracting | KR | Pending Federal Appropriation  |
| b | Lake Durango Water Authority<br>> Source Water Supply Project<br>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<br>> Ditch Diversion and Headgate Replacement<br>C150334                   | Rio Grande           | \$ 70,700     | In Contracting | AM | Increased loan amount and collateral change must return to for approval in Sept 2013.                            |
| d | Town of Ridgway<br>> Lake Otonowanda Rehabilitation Project<br>C150340                            | Ouray                | \$ 606,000    | In Contracting | KR | Returning to CWCB in March '13 to modify the project components  |
| e | Roxborough Water & Sanitation Dist.<br>> Raw Water Supply Project<br>C1503346                     | Douglas              | \$ 18,538,550 | In Contracting | AM | Pending Project Bill (SB-181) approval   |
| f | Greeley, City of<br>> High Park Fire Restoration Project<br>C150347                               | Larmier              | \$ 2,020,000  | In Contracting | AM |  |
| g | San Luis Valley Water Conservancy District<br>> Araconda Ditch Water Right Acquisition<br>C150348 | Alamosa              | \$ 839,000    | In Contracting | AM |  |
| h | Ordway Feedyard, LLC<br>> Raw Water Line Extension Project<br>C150349                             | Crowley              | \$ 2,525,000  | In Contracting | AM | Acompanied Crowley County grant contract signed 4/2013.  |
| i | Santa Maria Reservoir Company<br>> Siphon and Canal System Rehabilitation Project<br>C150350      | Hinsdale/<br>Mineral | \$ 1,405,163  | In Contracting | AM |  |

Not Under Contract SubTotal = \$ 89,129,413

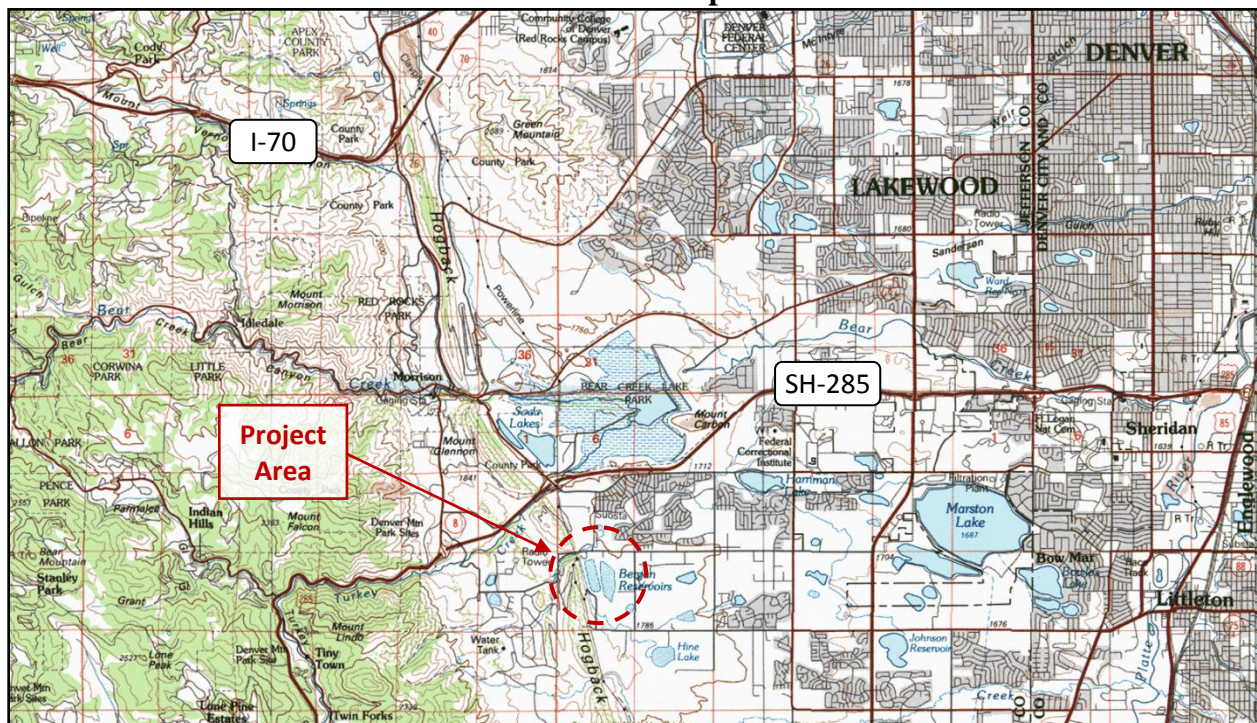
Grand Total = \$ 178,633,820

## 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

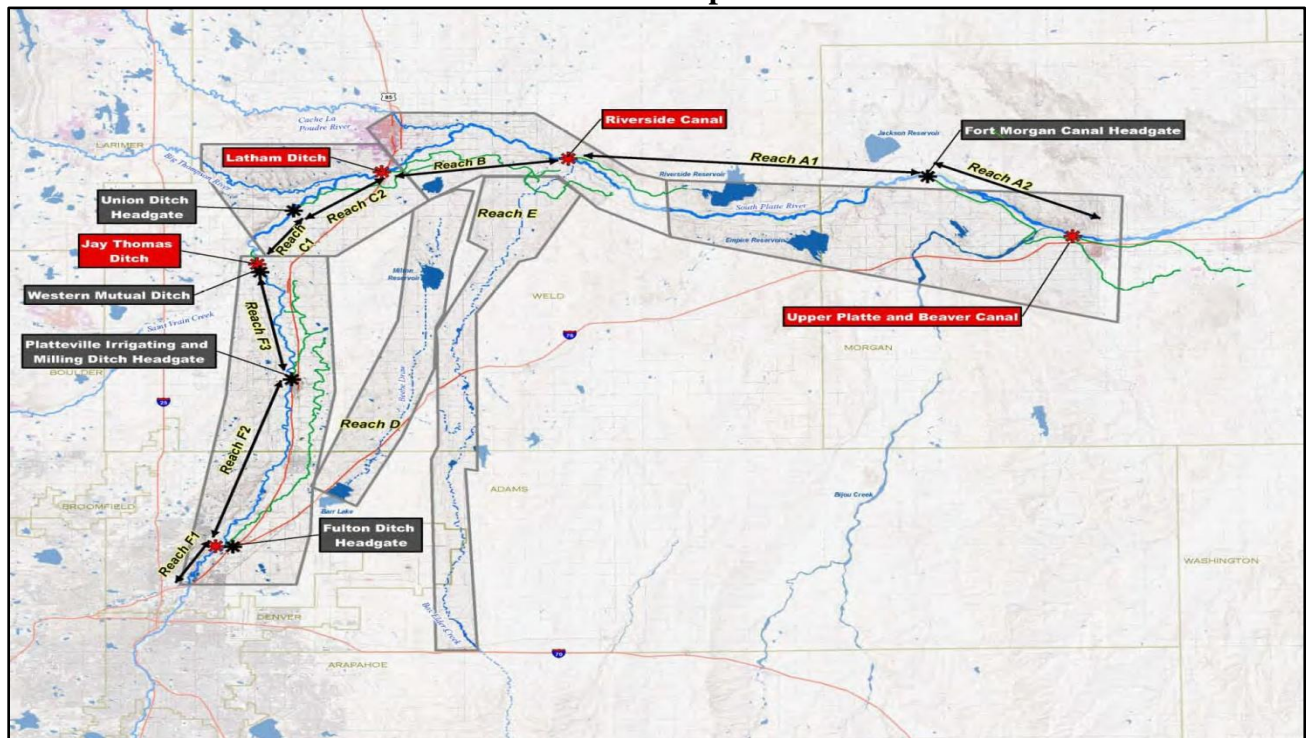


### Water Project Loan Program – Project Data Sheet

|                            |   |                                   |   |              |          |
|----------------------------|---|-----------------------------------|---|--------------|----------|
| <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



**CWCB 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

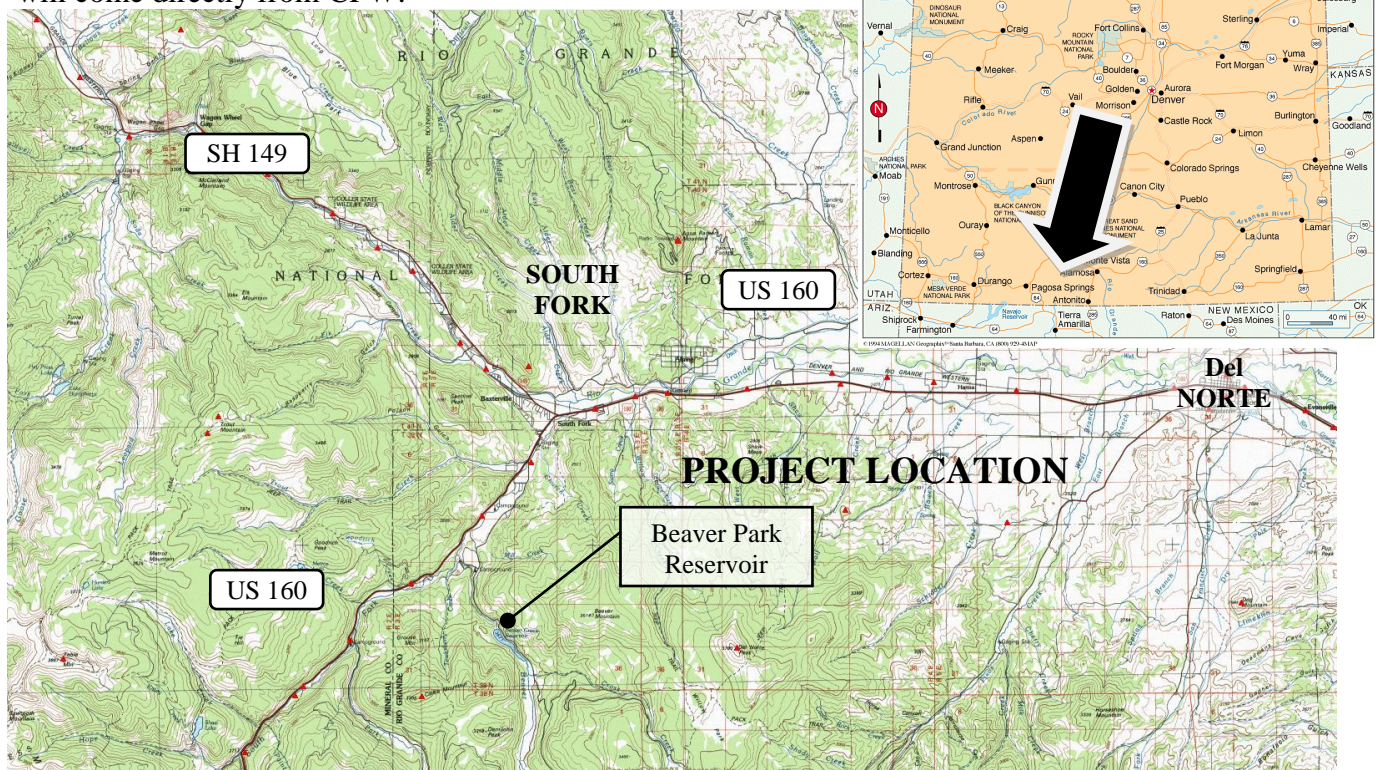
**Average Annual Diversion:** 4,434 AF

**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.

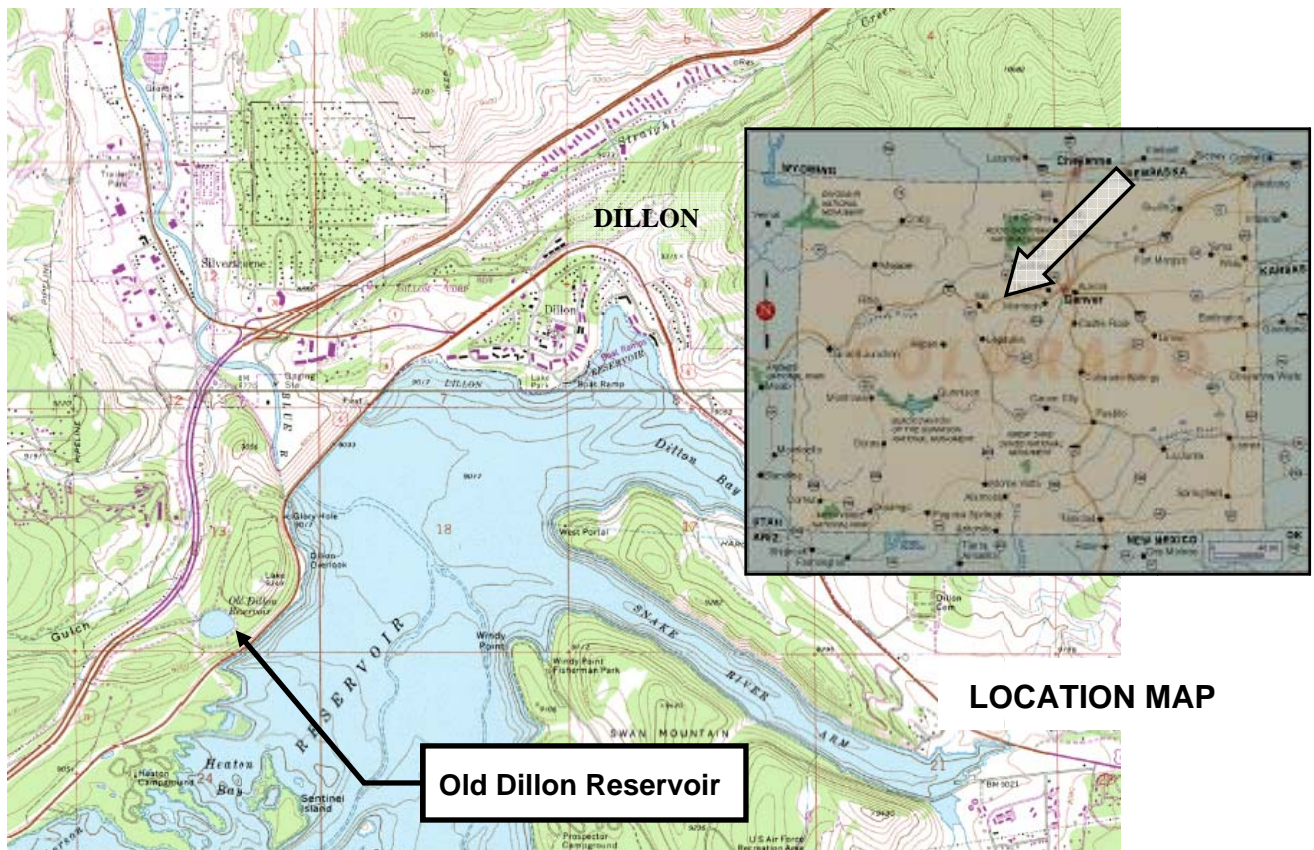
### Location Map



# **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.



**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

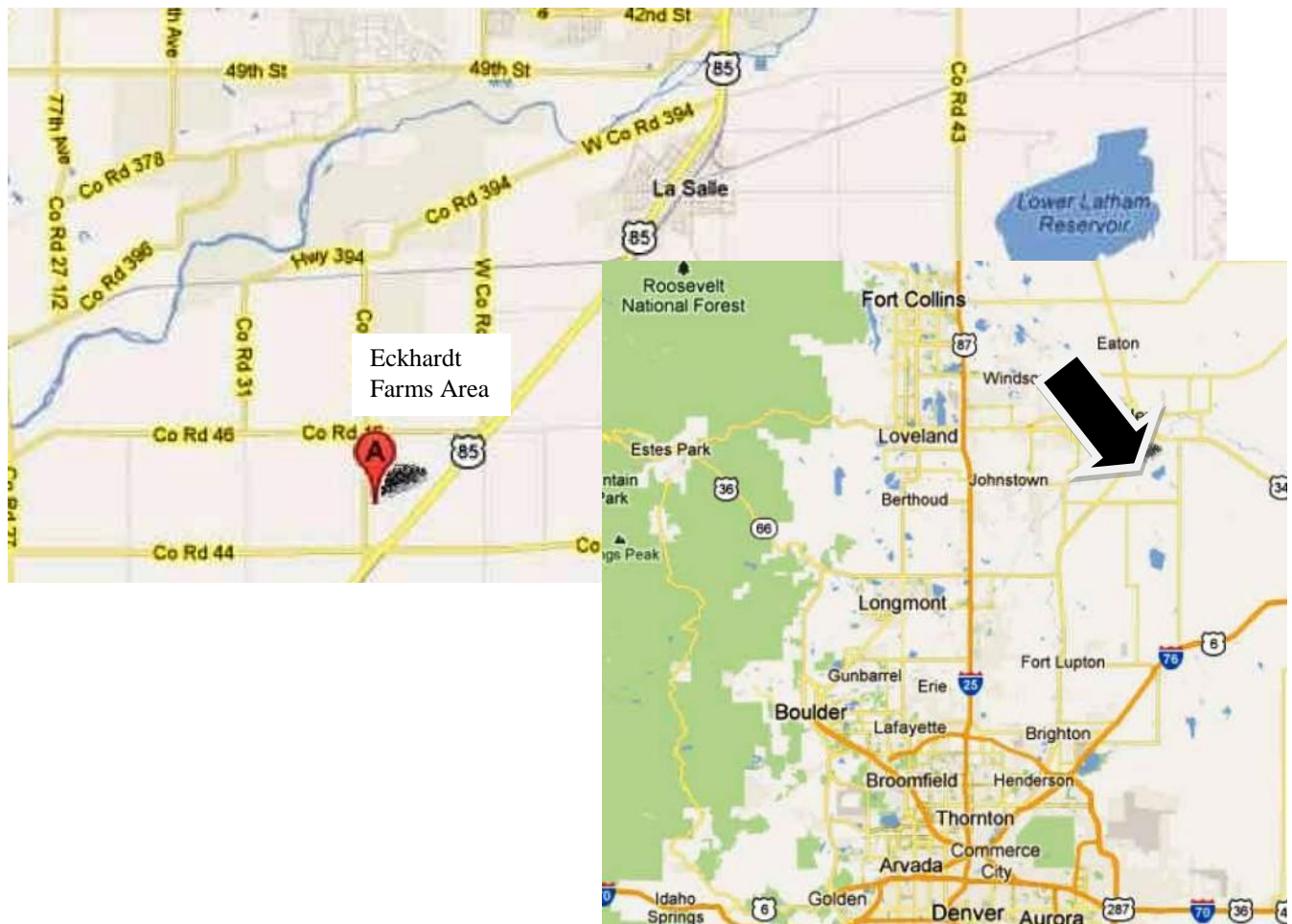
**Funding Source:** Construction Fund

**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.



**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

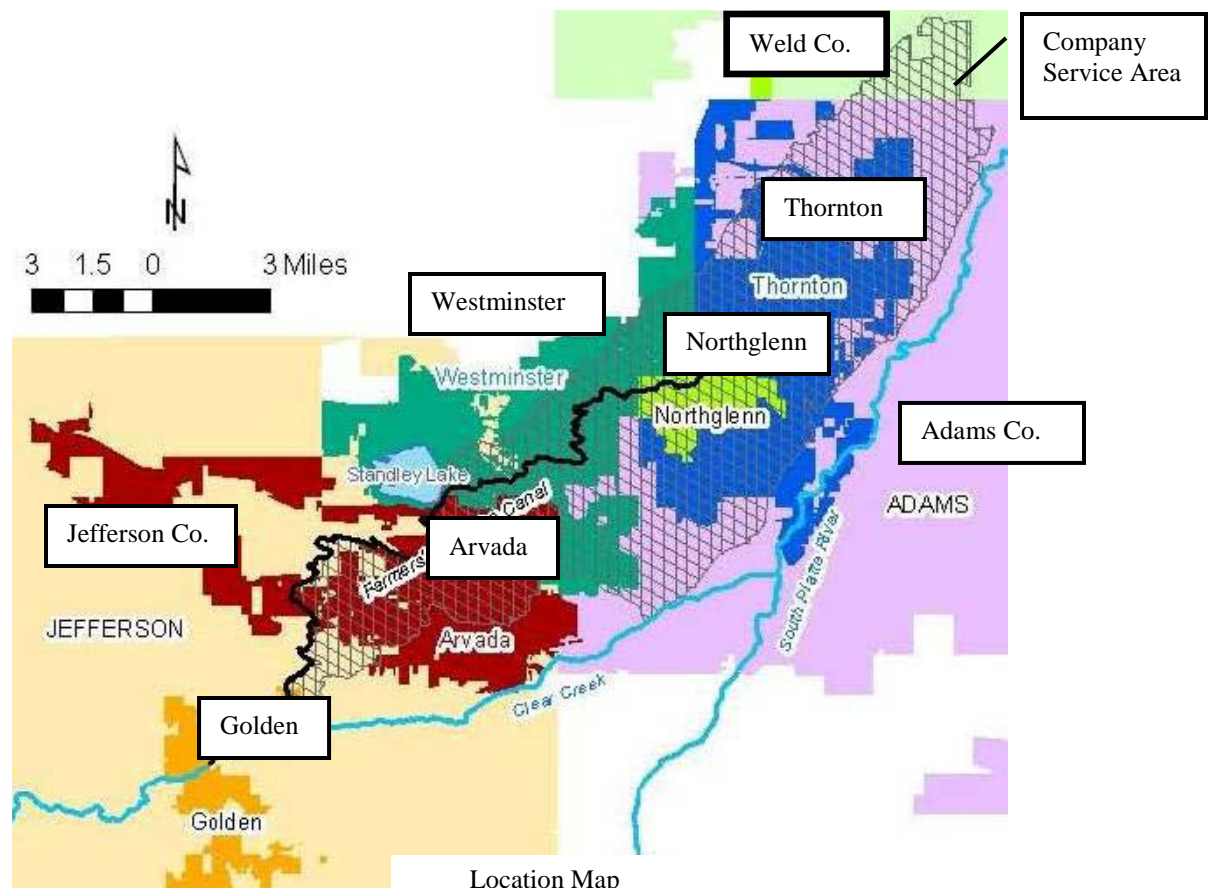
**Type of Borrower:** Municipal

**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)

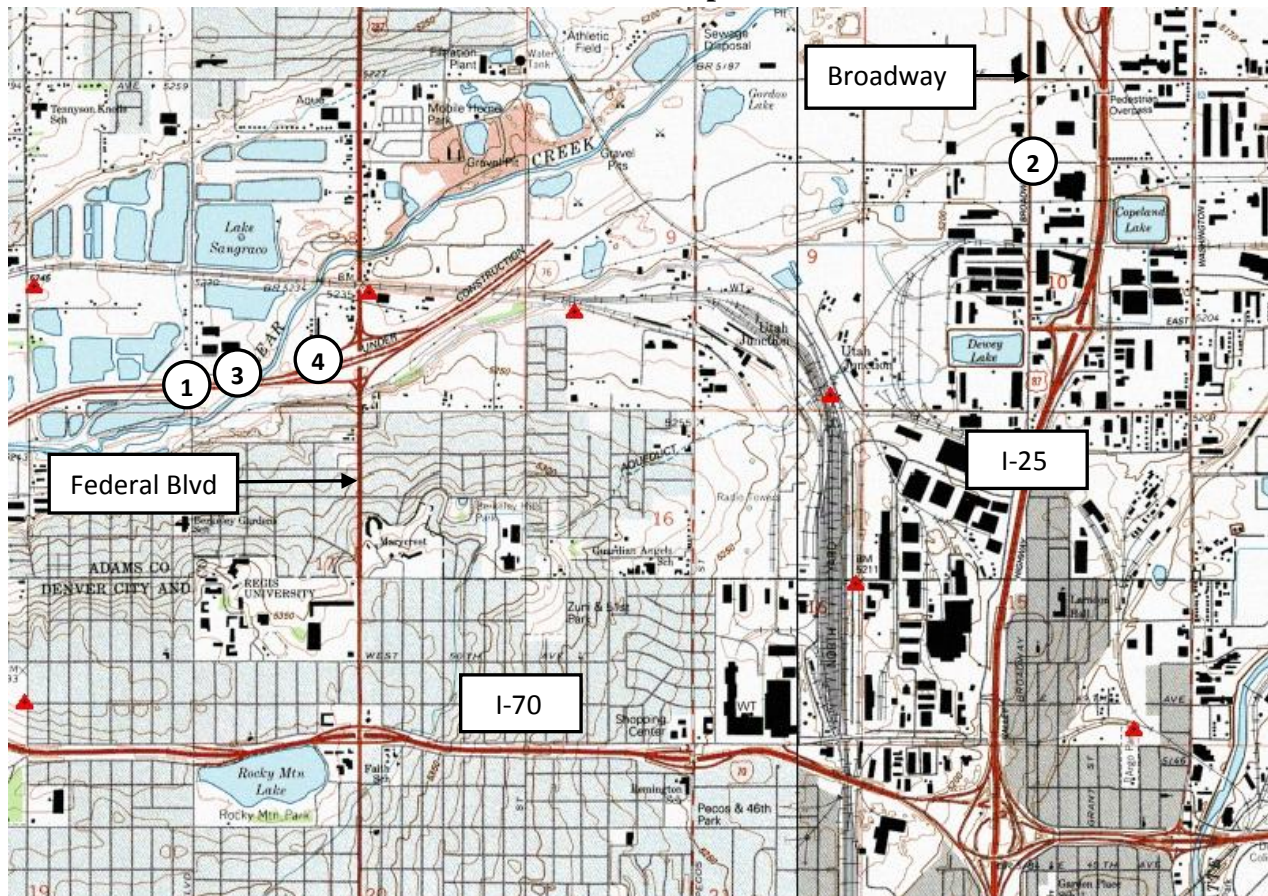
**Avg. Annual Diversion:** 7,623 AF

**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

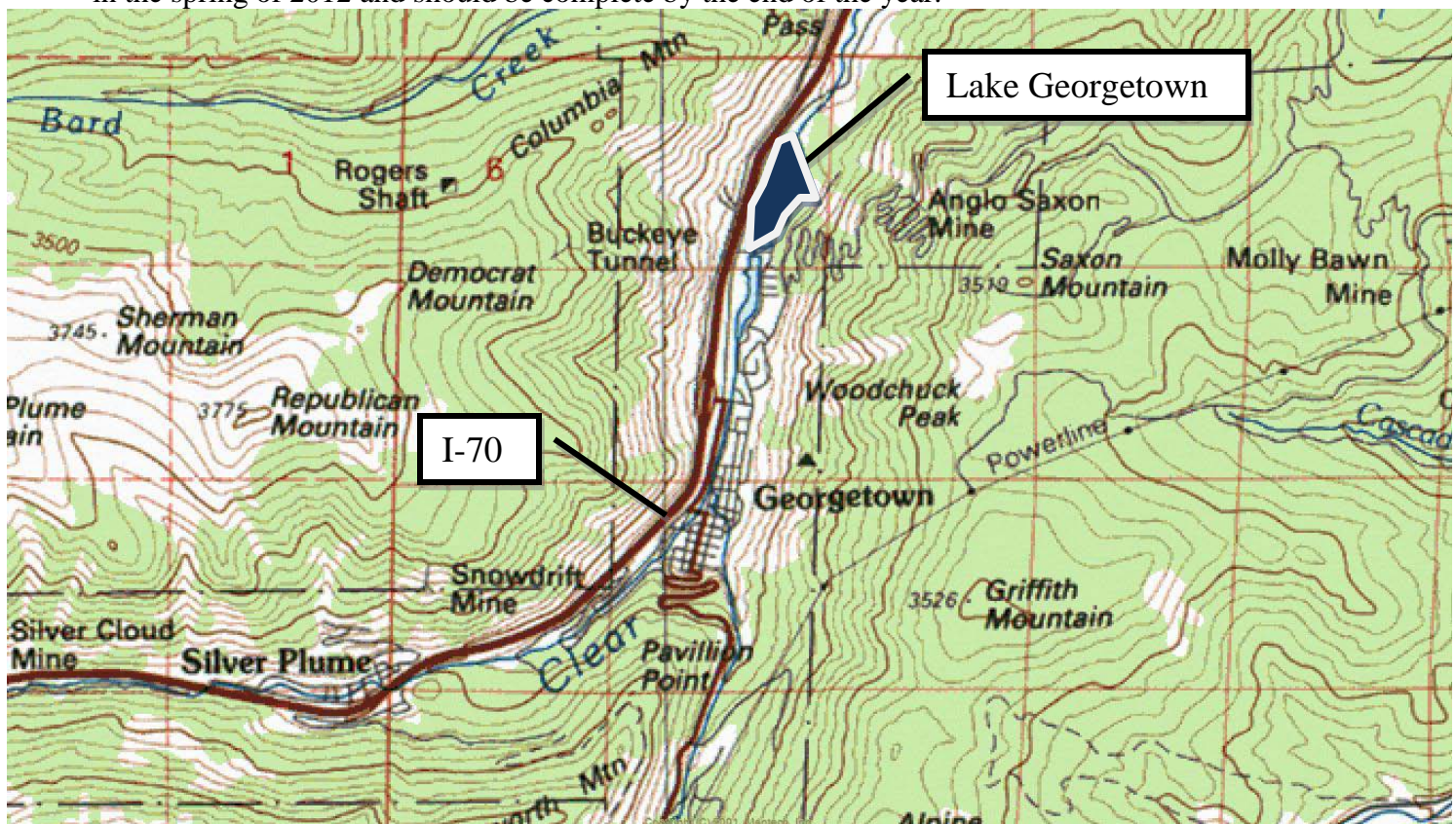
**Type of Borrower:** Middle-Income Municipal

**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**

**Borrower:** Greeley Irrigation Company

**County:** Weld

**Project Name:** Greeley Canal No. 3

**Project Type:** Ditch Rehabilitation

**Drainage Basin:** South Platte

**Water Source:** Cache La Poudre River

**Total Project Cost:** \$2,457,500

**Funding Sources:** CWCB, GIC

**Type of Borrower:** Agricultural/Municipal

**Aver. Delivery:** 18,000 acre-feet

**CWCB Construction Fund Loan:** \$2,233,867  
(incl. 1% loan fee)

**Interest Rate:** 2.85% **Term:** 30 years

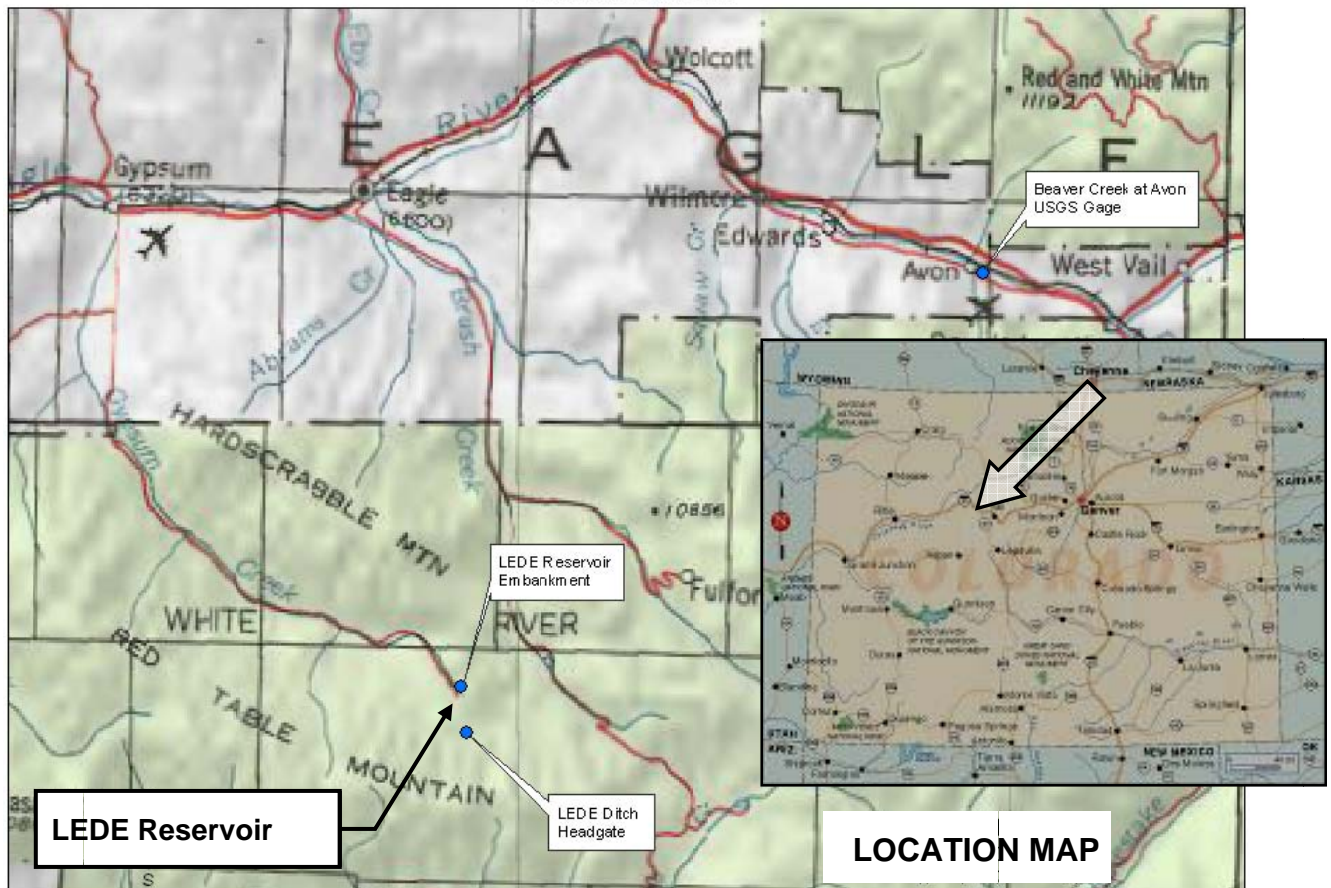
GIC provides irrigation water to a service area of 2,367 acres in Weld County, generally within the City of Greeley and east of the City. GIC operates the Greeley Canal No. 3, constructed in 1870 by the Union Colony. In 1875, the Union Colony deeded an undivided 3/8ths interest in the Canal to the then 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

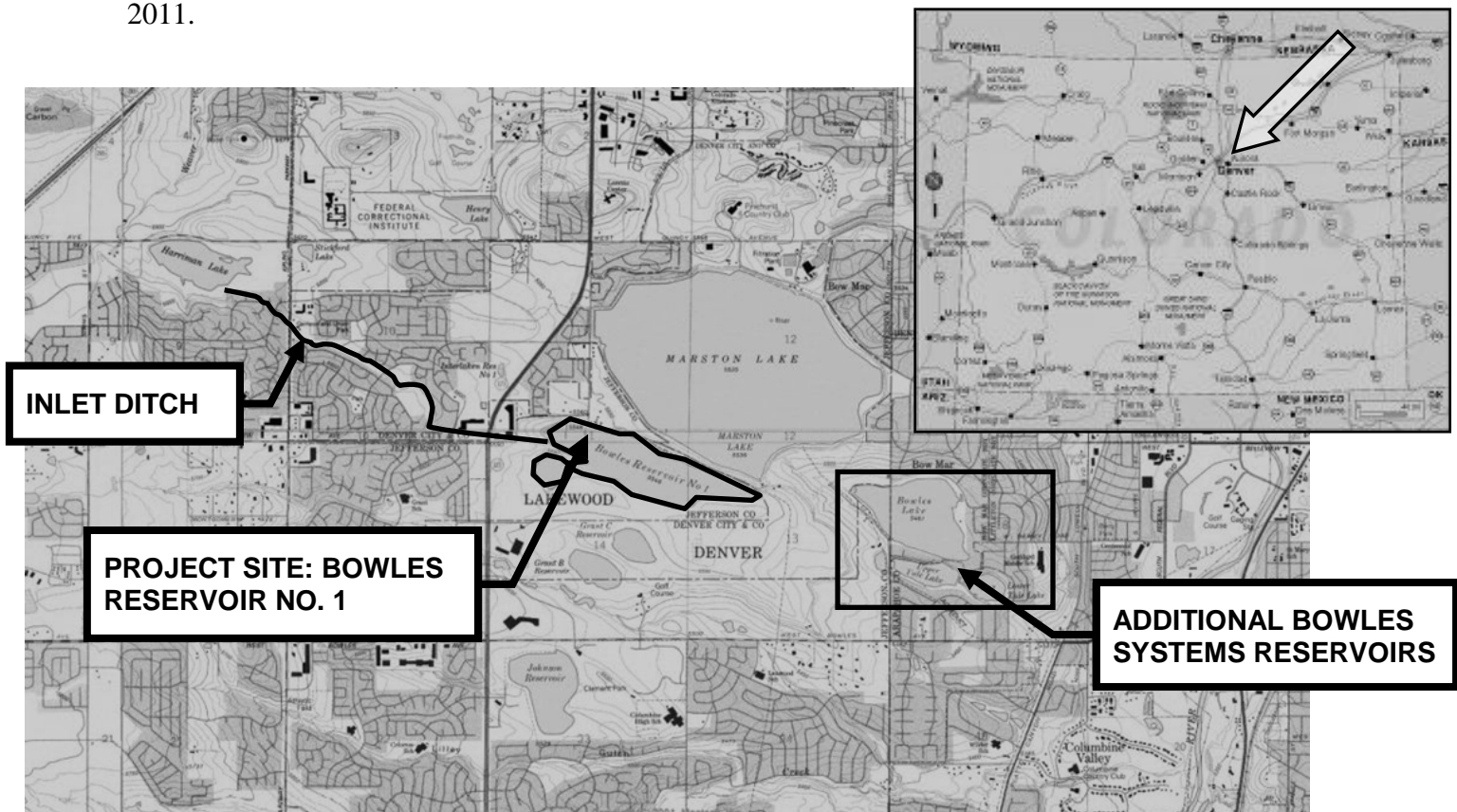
**Average Delivery:** 900 AF

**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.



**Water Project Loan Program – Project Data Sheet**

**Borrower:** Town of La Veta

**County:** Huerfano

**Project Name:** La Veta Dam Rehabilitation

**Project Type:** Dam Rehabilitation

**Drainage Basin:** Arkansas River, District 16

**Water Source:** Cucharas River

**Total Project Cost:** \$410,000

**Funding Source:** Construction Fund

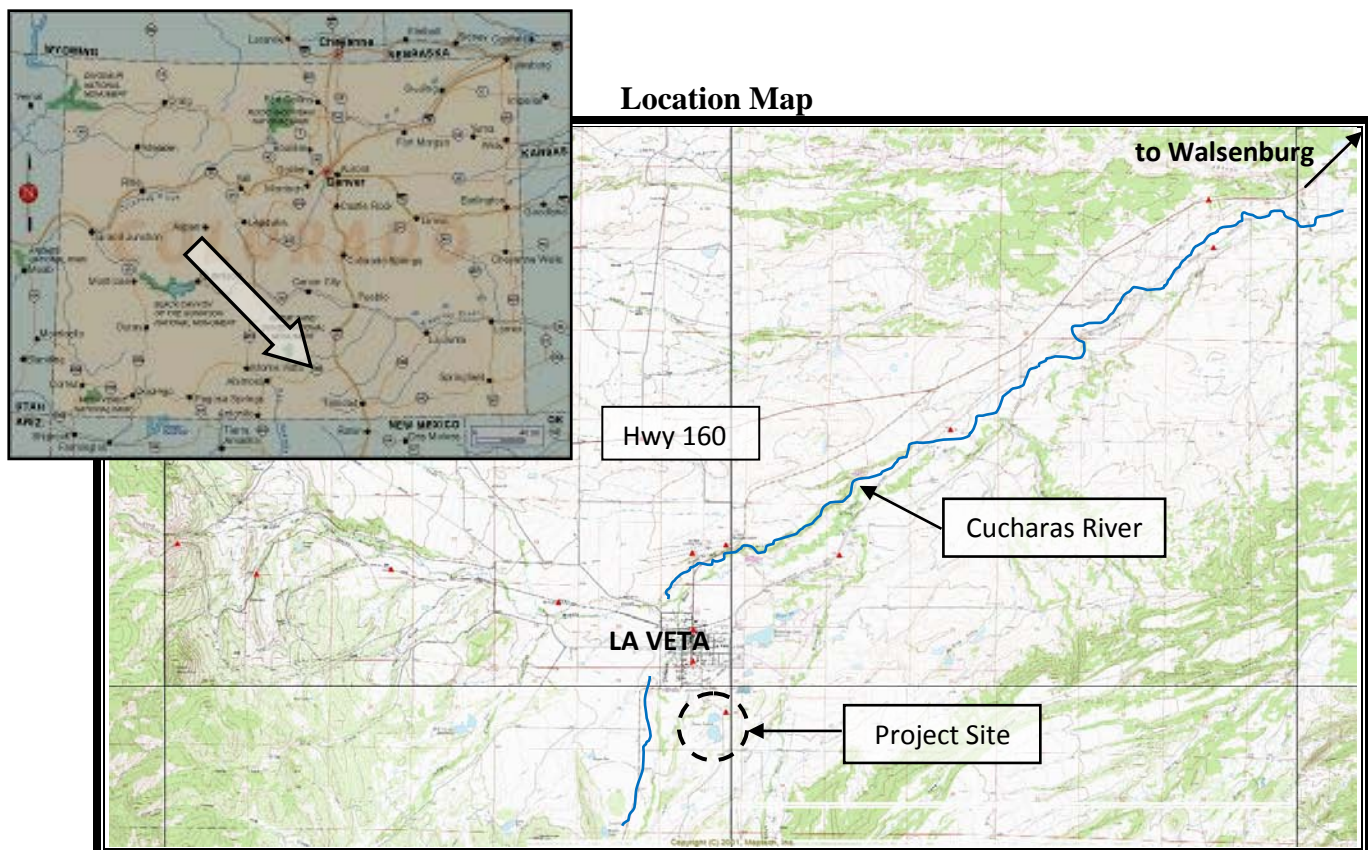
**Type of Borrower:** Low-Income Municipal  
(with request for a Restricted Reservoir reduction)

**Avg. Annual Delivery:** 209 AF

**CWCB Loan:** \$372,690 (w/ 1% service fee)

**Interest Rate:** 3.00% **Term:** 30 years

The Town of La Veta is responsible for supplying its residents with potable water. The primary water source for La Veta is from a diversion on the Cucharas River. The town stores raw water in two reservoirs (North Lake and South Lake) to supplement the river diversions in times of low flow and in periods of drought. North Lake reservoir has 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 Rehabilitation Project is intended to repair the dam and outlet works, restoring the capacity lost from the restriction.



**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

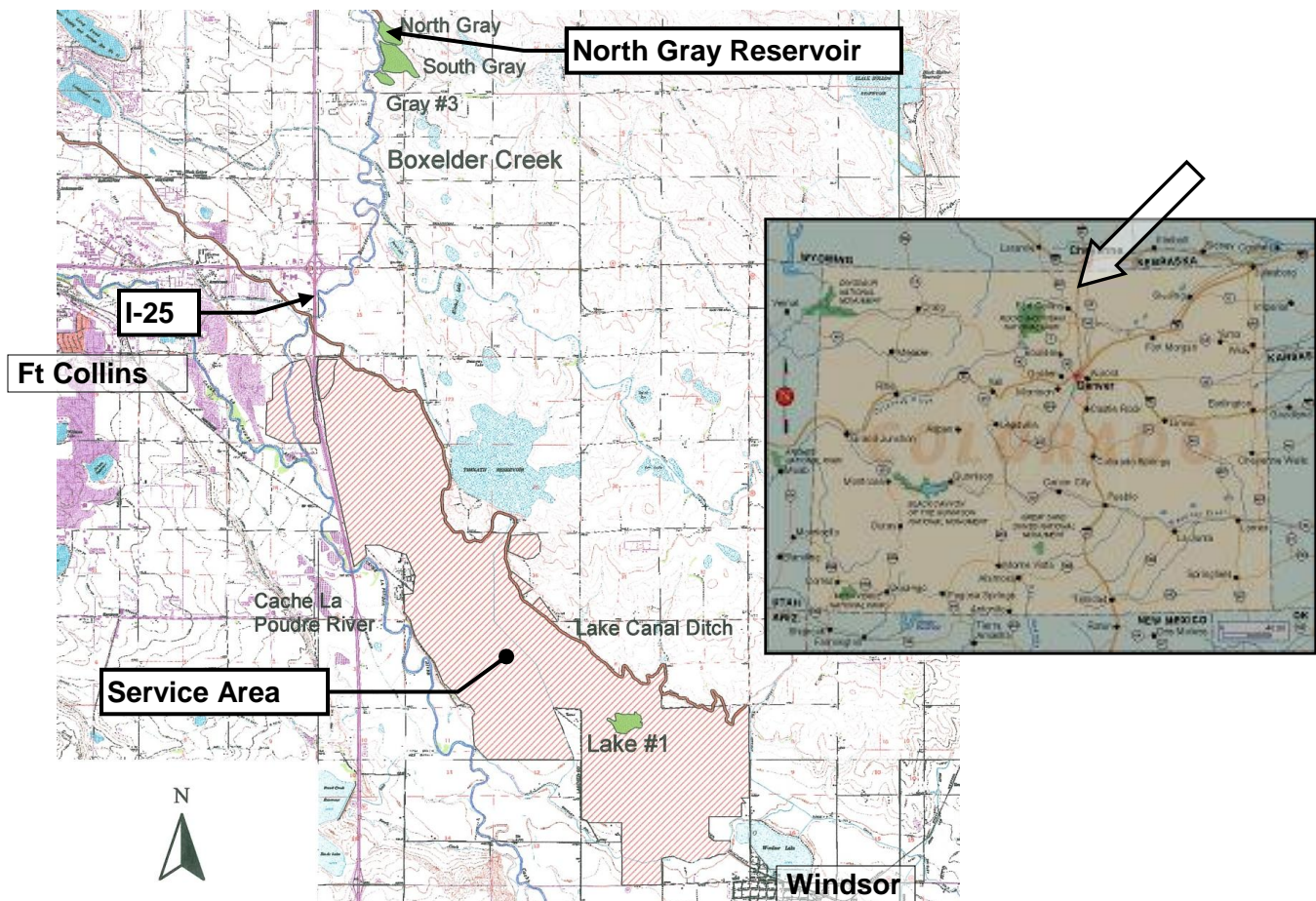
**Details:** 333 AF Stored  
75 AF Recovered

**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%.



**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**



**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

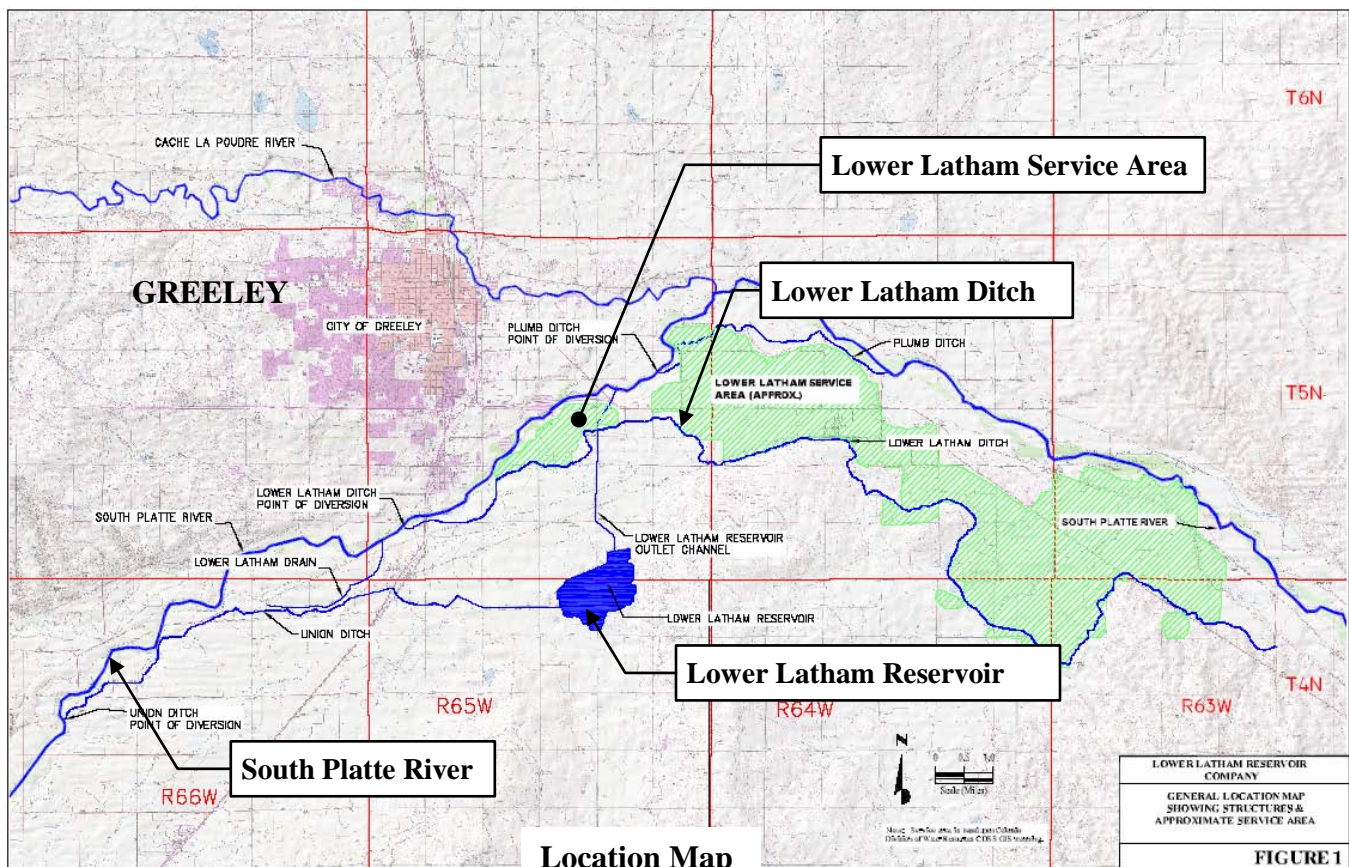
**Drainage Basin:** South Platte      **Water Source:** South Platte River

**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

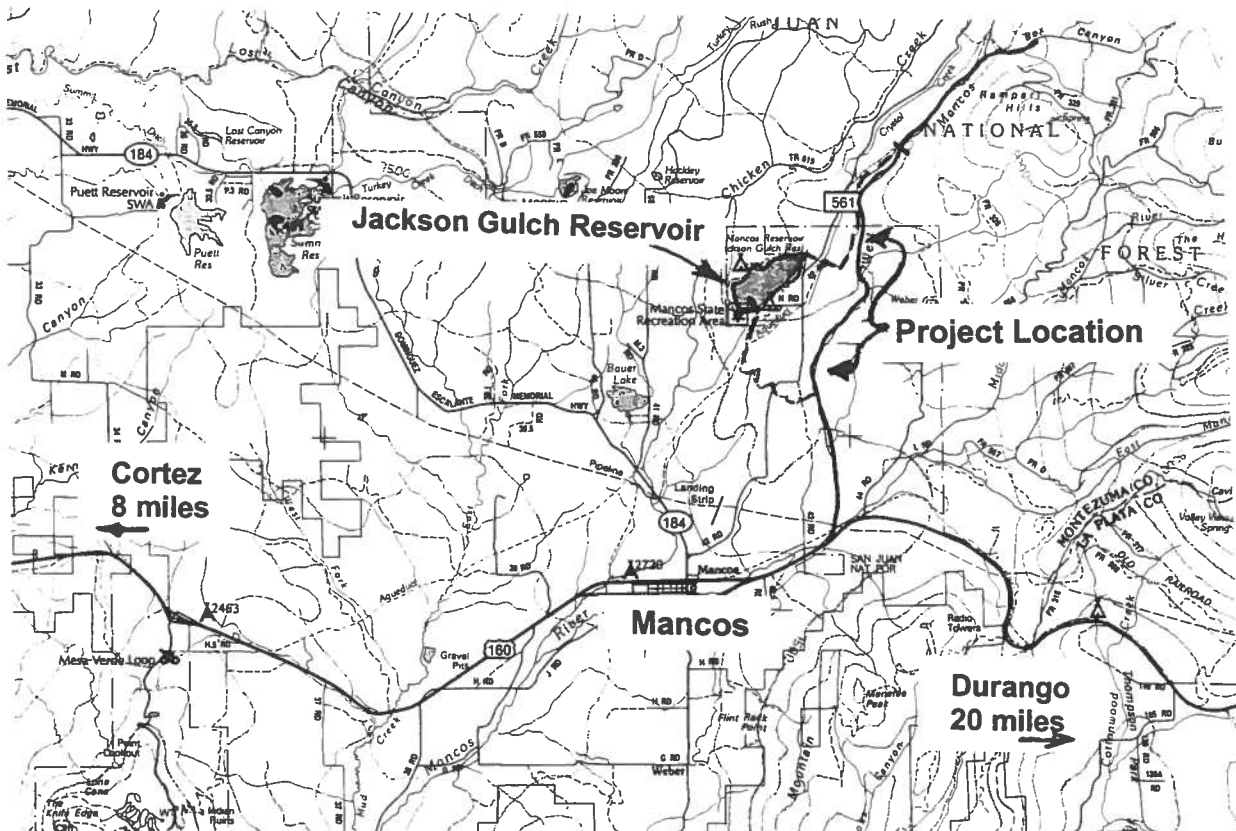
**Median Household Income:** Low

**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**

**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

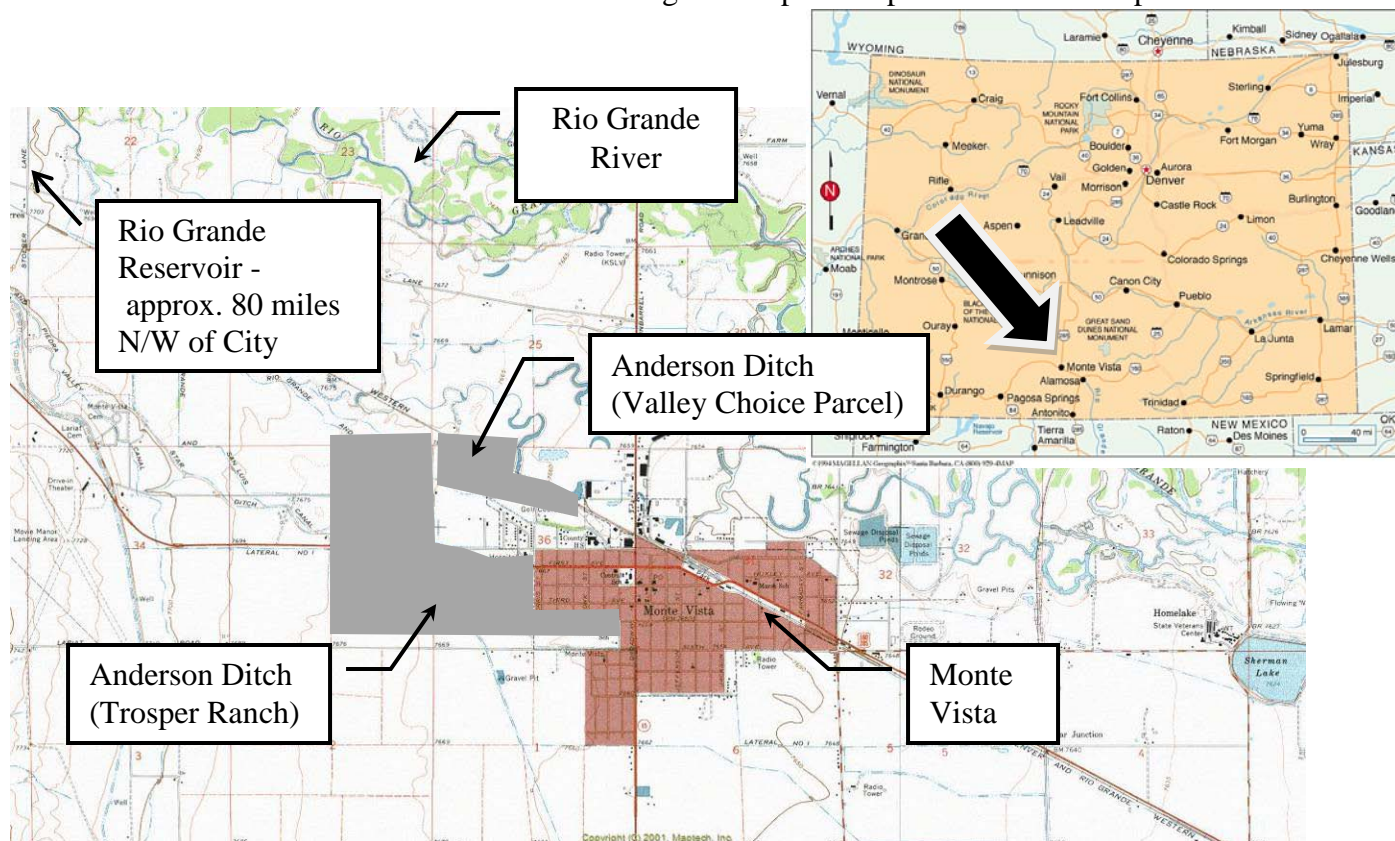
**Water Source:** Rio Grande River

**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.

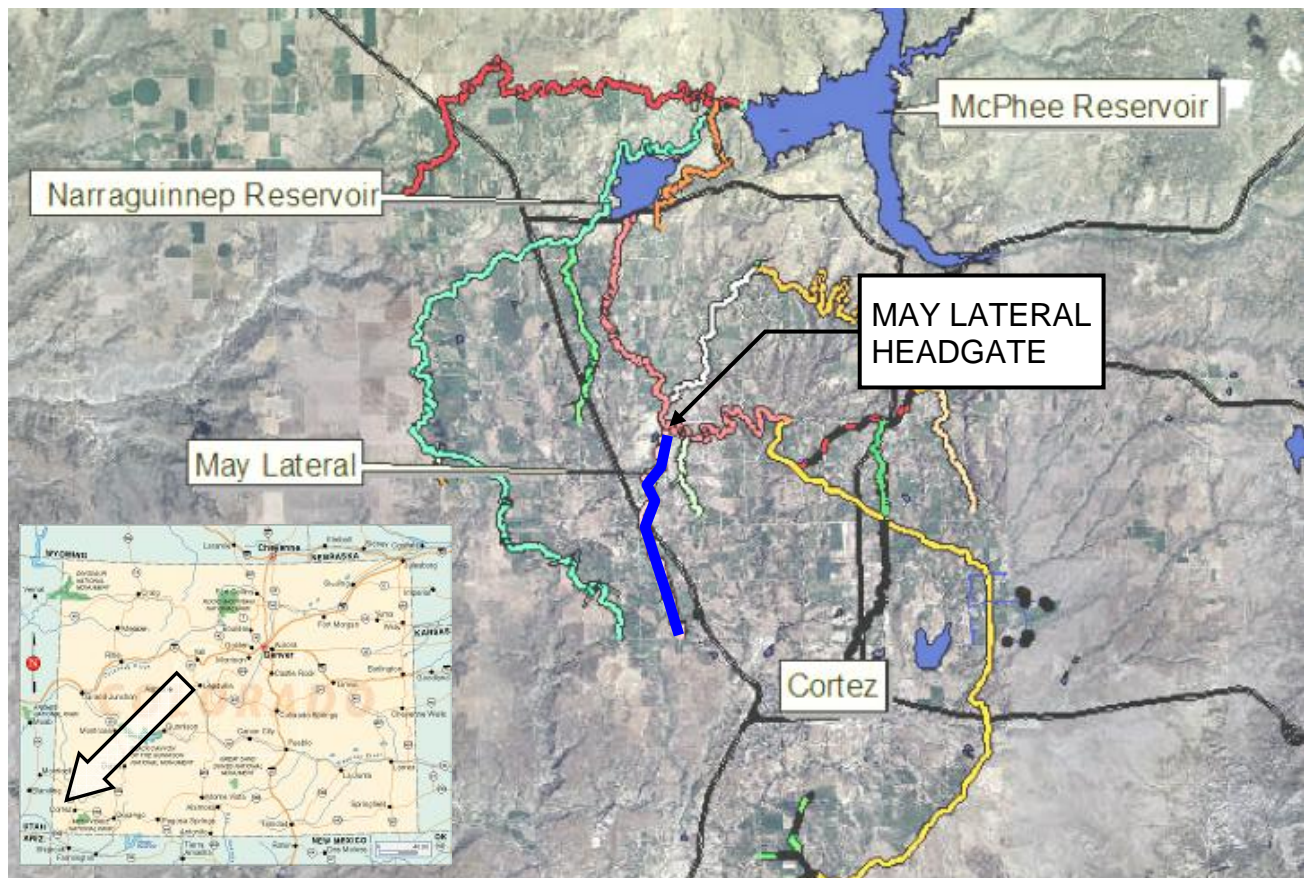


Location Map

## CWCB Construction Loan Program Project Data Sheet

|  |   |
|--|---|
| <b>Borrower:</b> Montezuma Valley Irrigation Co.   | <b>County:</b> Montezuma                          |
| <b>Project Name:</b> May Lateral Pipeline Project  | <b>Project Type:</b> Ditch Piping                 |
| <b>Drainage Basin:</b> San Miguel-Dolores/San Juan | <b>Water Source:</b> Dolores River                |
| <b>Total Project Cost:</b> \$5,870,000             | <b>Funding Sources:</b> CWCB, NRCS Grant?         |
| <b>Type of Borrower:</b> Agricultural              | <b>Average Delivery:</b> 128,000 acre-feet        |
| <b>Loan Amount:</b> \$5,292,400 (Including 1% fee) | <b>Interest Rate:</b> 2.25% <b>Term:</b> 30 years |

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 the approximately 46,000 acre service area. The Company is proposing to install approximately five (5) miles of 36-inch pipe in the existing May Lateral Ditch alignment. 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. AgriTech Consulting has provided planning and preliminary design services.

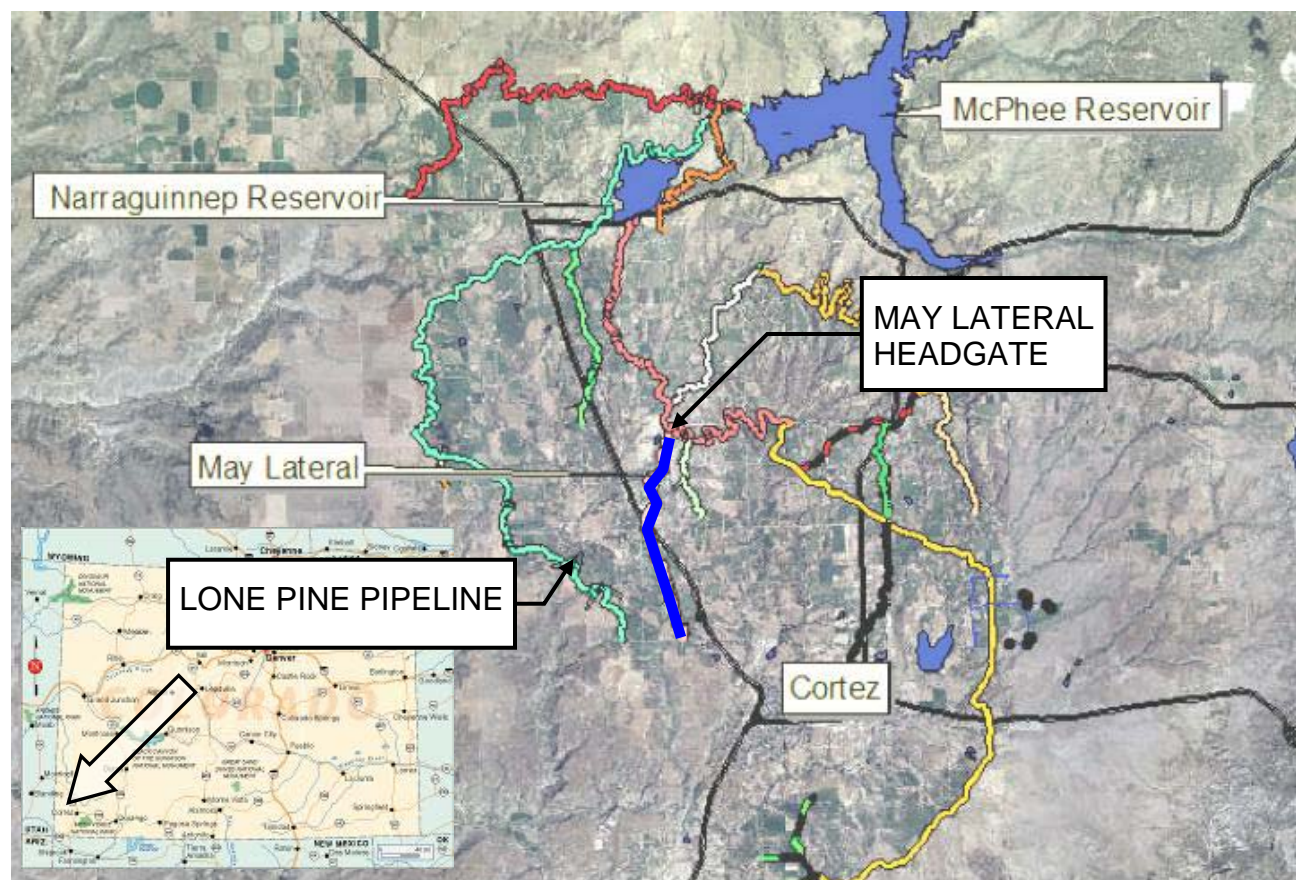


LOCATION MAP

### CWCB Construction Loan Program Project Data Sheet

**Borrower:** Montezuma Valley Irrigation Co.**County:** Montezuma**Project Name:** Lone Pine and May Pipeline Improvements Project**Project Type:** System Rehabilitation**Drainage Basin:** San Miguel-Dolores/San Juan**Water Source:** Dolores River**Total Project Cost:** \$472,500**Funding Sources:** Construction Fund**Type of Borrower:** Agricultural**Average Delivery:** 136,039 acre-feet**Loan Amount:** \$339,603 (Including 1% fee)  
(Initial during construction: \$435,250)**Interest Rate:** 2.75%      **Term:** 30 years

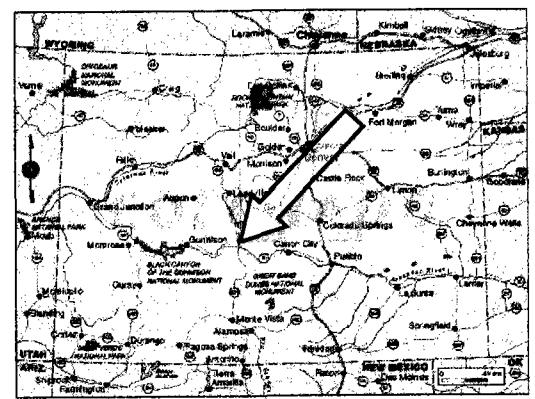
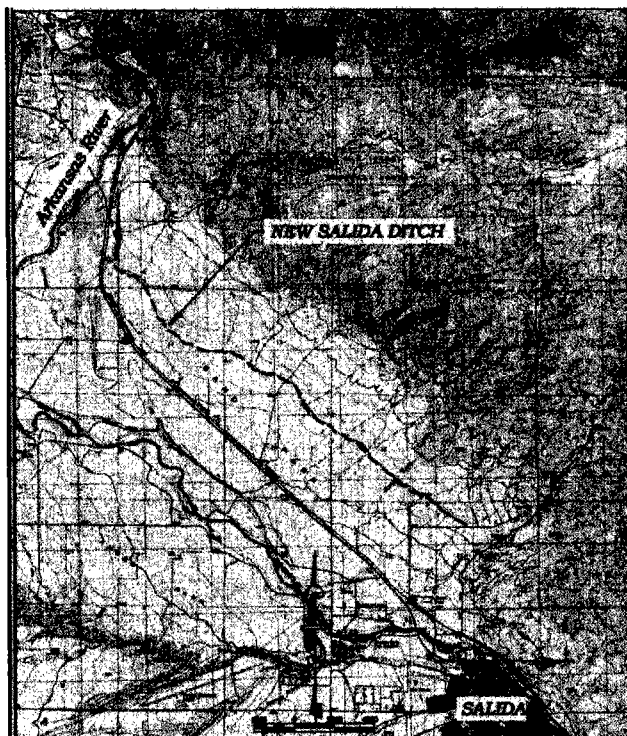
The Montezuma Valley Irrigation Company is a non-profit corporation established in the State of Colorado in 1920. The Company manages the delivery of irrigation water to a service area of over 30,000 acres. The Company is proposing to address issues that have become long-term maintenance concerns through this project including: trash and debris removal in delivery pipelines, pipeline pressure management, and water management issues. It is planning on installing screens on the Lone Pine and May pipelines; improving an existing pressure reducing valve on the Lone Pine pipeline; installing totalizing recording devices with solar panels at the delivery turnouts on the May pipeline; and implementing a new water accounting program for more accurate data collection on water deliveries. The Company is eligible to receive \$100,000 from the Bureau of Reclamation Water Conservation Field Services Program for the water accounting program. When the grant funds are issued to the Company, the loan contract will require those funds be applied to the CWCB loan principal. The Company will begin construction in the spring of 2012.



LOCATION MAP

**CWCB Construction Loan Program  
Project Data Sheet****Borrower:** New Salida Ditch Company**County:** Chaffee**Project Name:** Ditch Pipeline Project**Project Type:** Ditch Piping**Drainage Basin:** Arkansas**Water Source:** Arkansas River**Total Project Cost:** \$402,000**Funding Sources:** Company & CWCB**Type of Borrower:** Agricultural**Average Diversion:** 7,000 acre-feet**Loan Amount:** \$365,620 (including 1% service fee)**Interest Rate:** 2.5%     **Term:** 30 years

The New Salida Ditch Company owns and operates the New Salida Ditch (Ditch) to deliver water to agricultural users from the Arkansas River (River) through a diversion in Browns Canyon. The diversion is located 10 miles north of Salida and is approximately eight miles from its diversion to its end at Ute Gulch. In Browns Canyon, the Ditch runs parallel to the River for 1.25 miles. This section has historically been difficult for the Company to maintain and has suffered frequent breaks resulting in costly repairs and discharges of sand and gravel into the River. In 2005, during maintenance repairs, the Ditch broke and gravel was accidentally deposited into the River resulting in a citation from the Colorado Department of Public Health and Environment (CDPHE). As a resolution of this dispute, the Company and CDPHE entered into an agreement requiring the Company to enclose a portion of the Ditch to prevent the potential for future discharges of material due to ditch breaks in this area. Through this Project, the Company will install approximately 3,200 feet of 42 inch pipe along the existing ditch profile. Construction will begin in February 2009 with completion in the spring of 2009.

**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

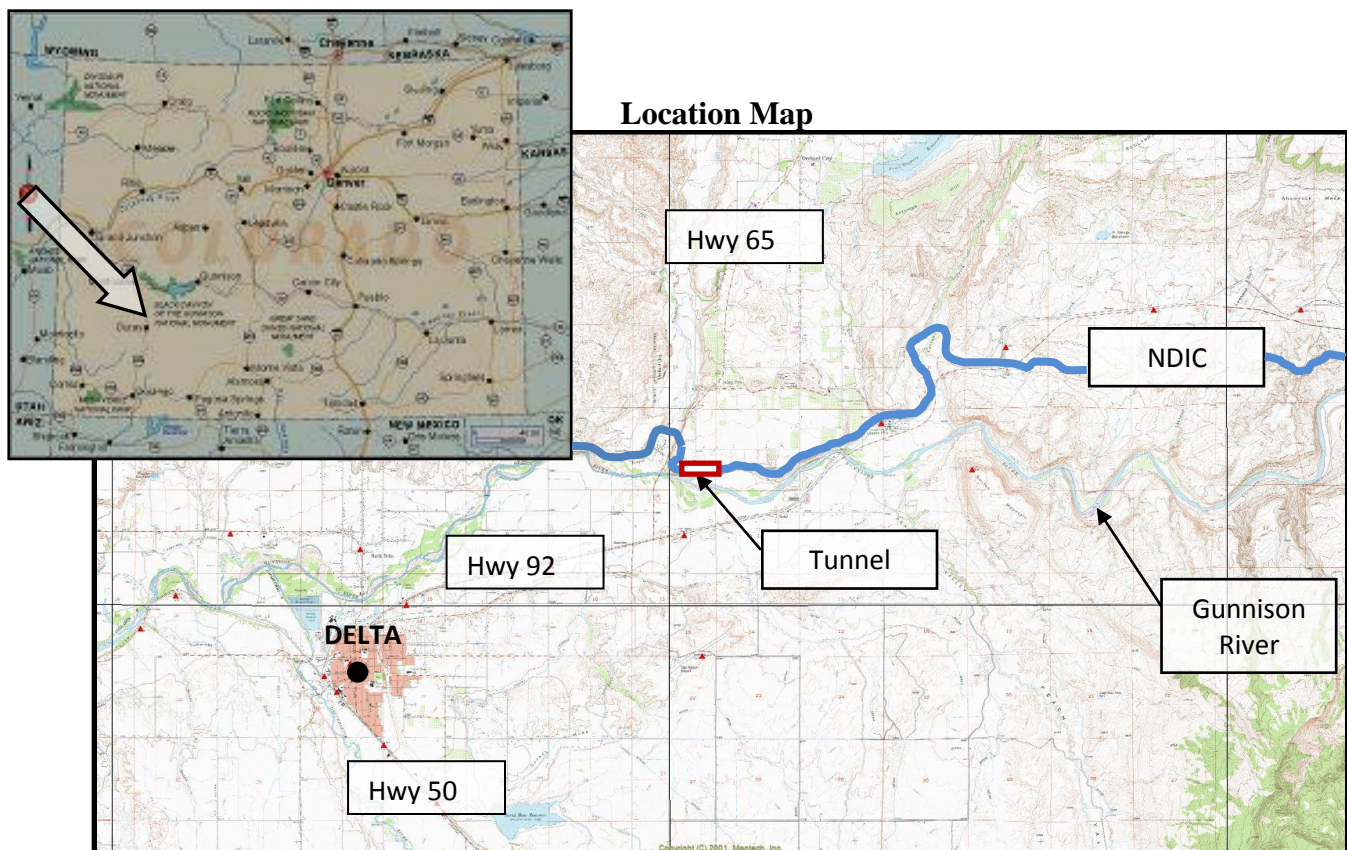
**Type of Borrower:** Blended  
(70% Agricultural, 30% Low-income municipal)

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

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

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

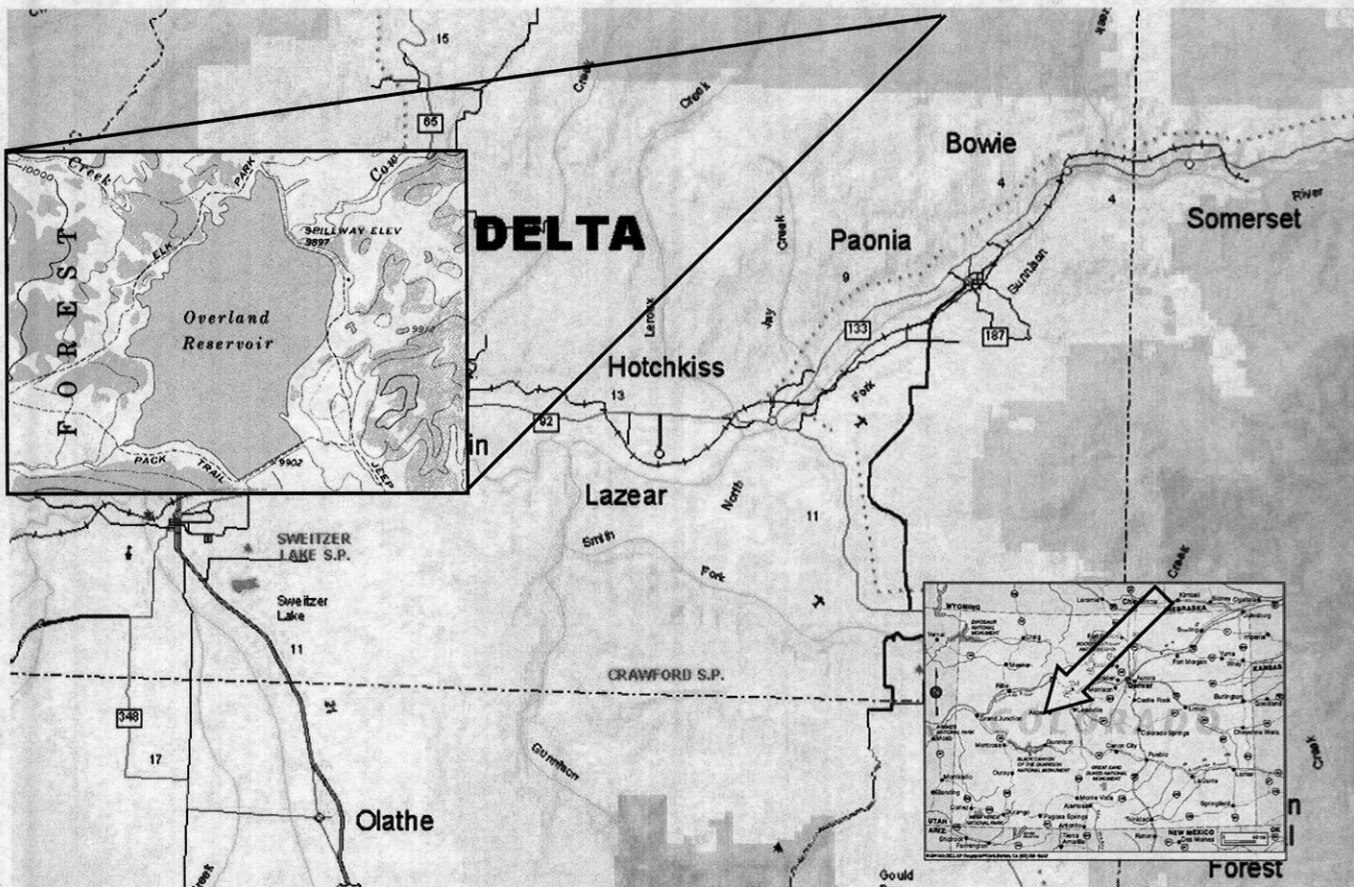
The North Delta Irrigation Company is responsible for supplying water to its 174 shareholders for the irrigation of 2,300 acres of land. The water is delivered through the North Delta Irrigation Canal. A two-mile stretch of the twenty-three mile canal is located along the steep hillside paralleling the 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.



# **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

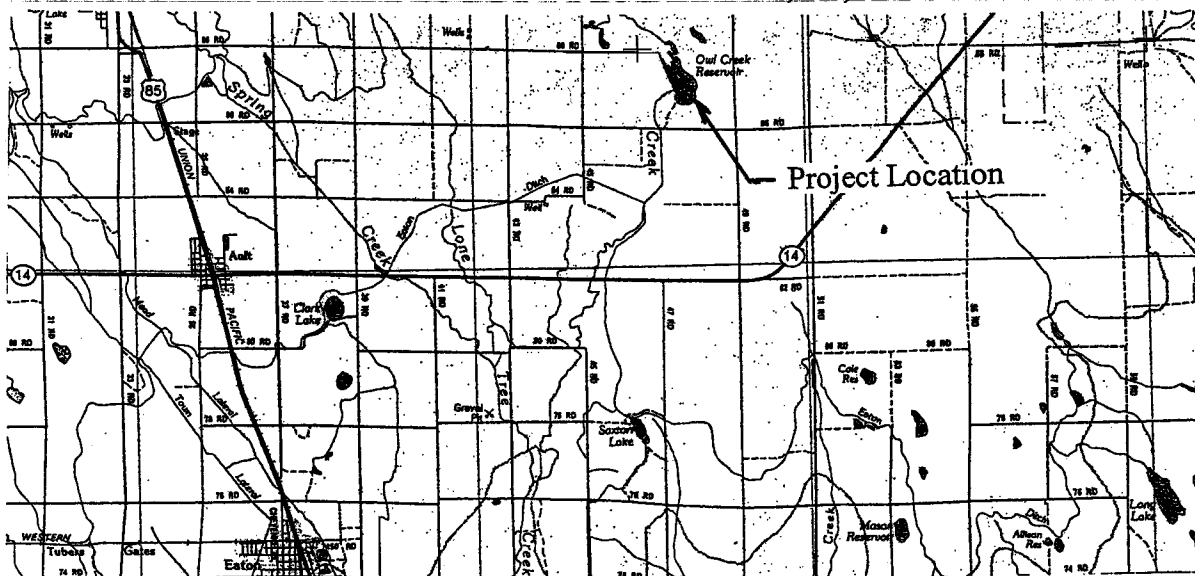
**Total Project Cost:** \$1,250,000      **Funding Source:** CWCB

**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

### 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

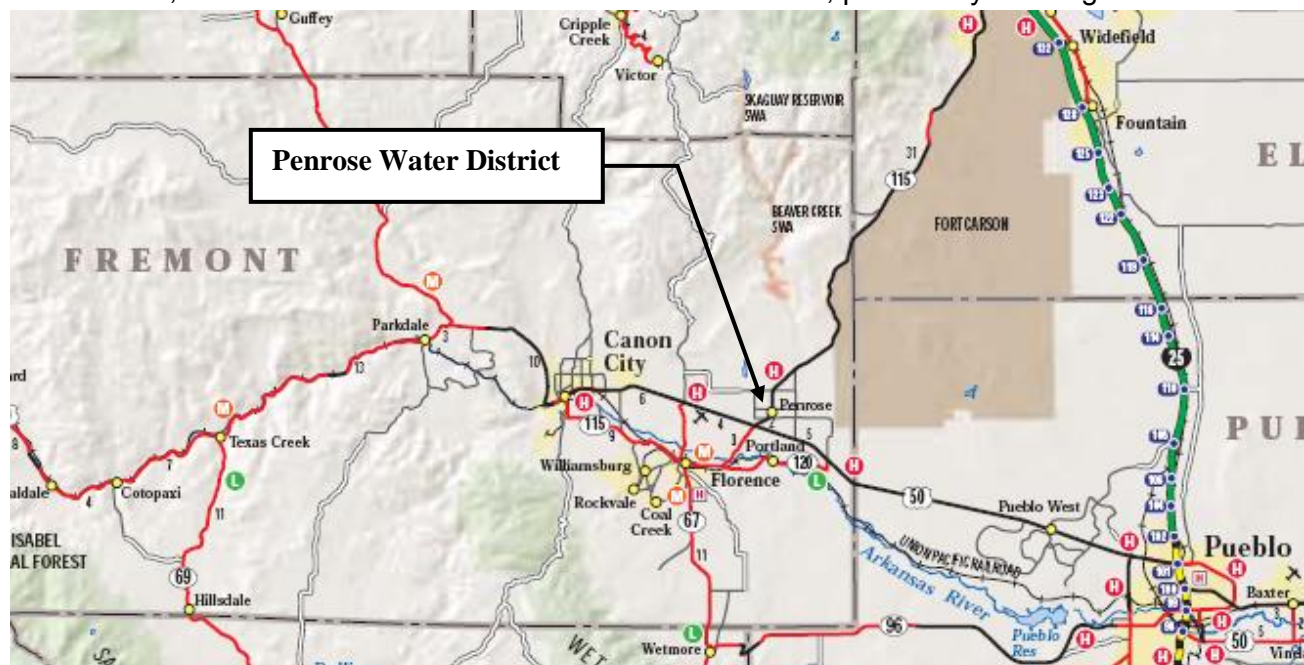
**Type of Borrower:** Municipal/Low

**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

**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

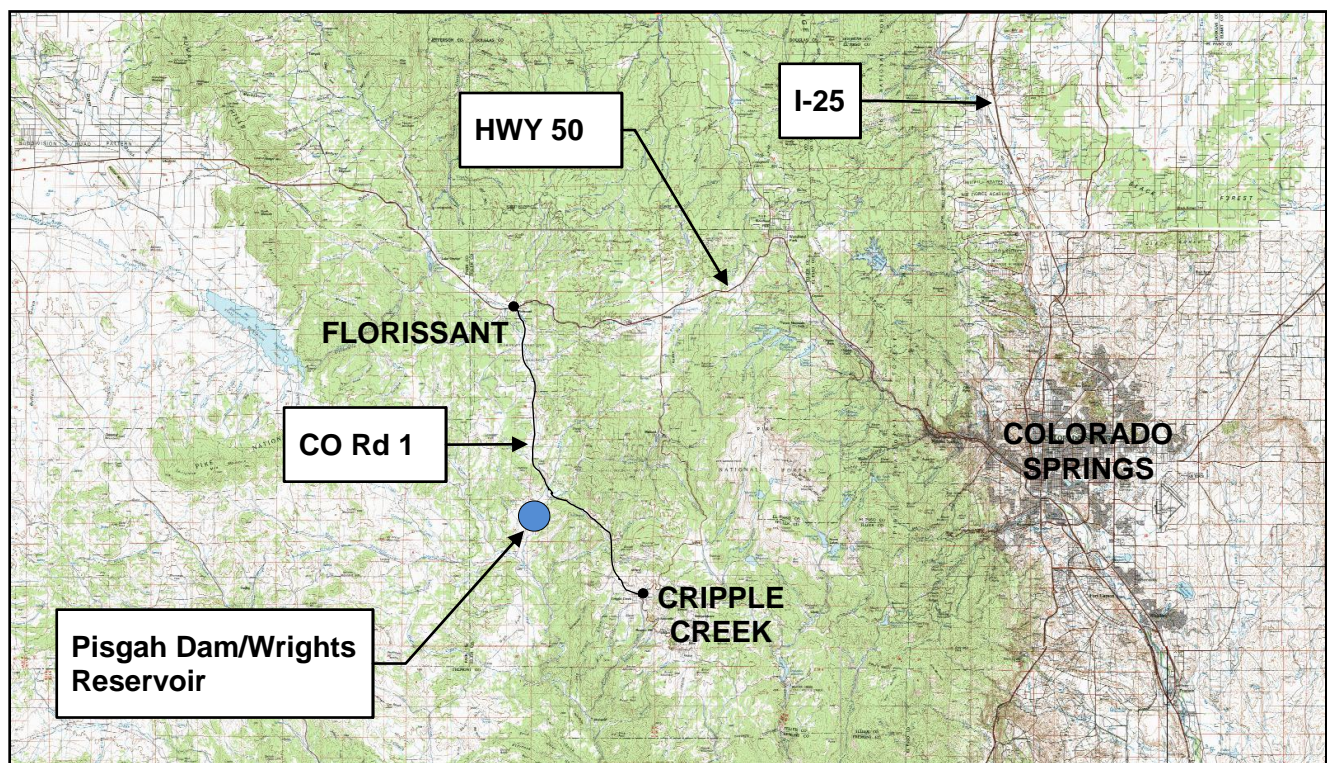
**Type of Borrower:** Blended  
(93% Ag, 7% low-income Muni)

**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.

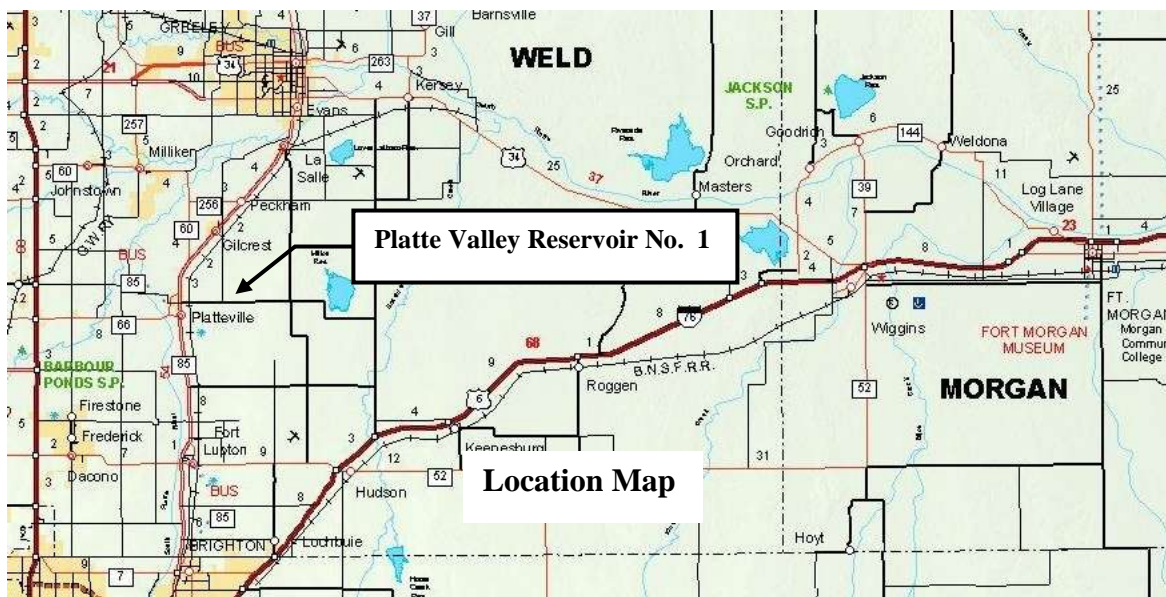
**LOCATION MAP**



**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<br>(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.



**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

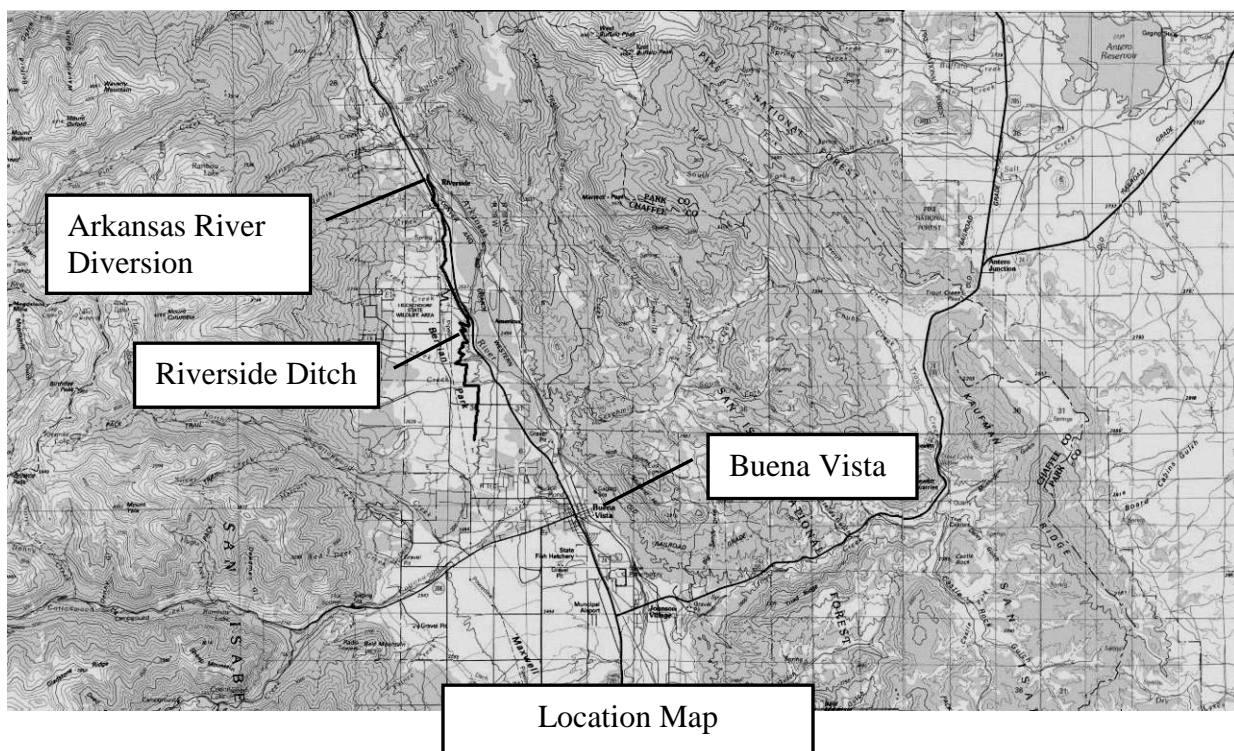
**Type of Borrower:** Agricultural

**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.



**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

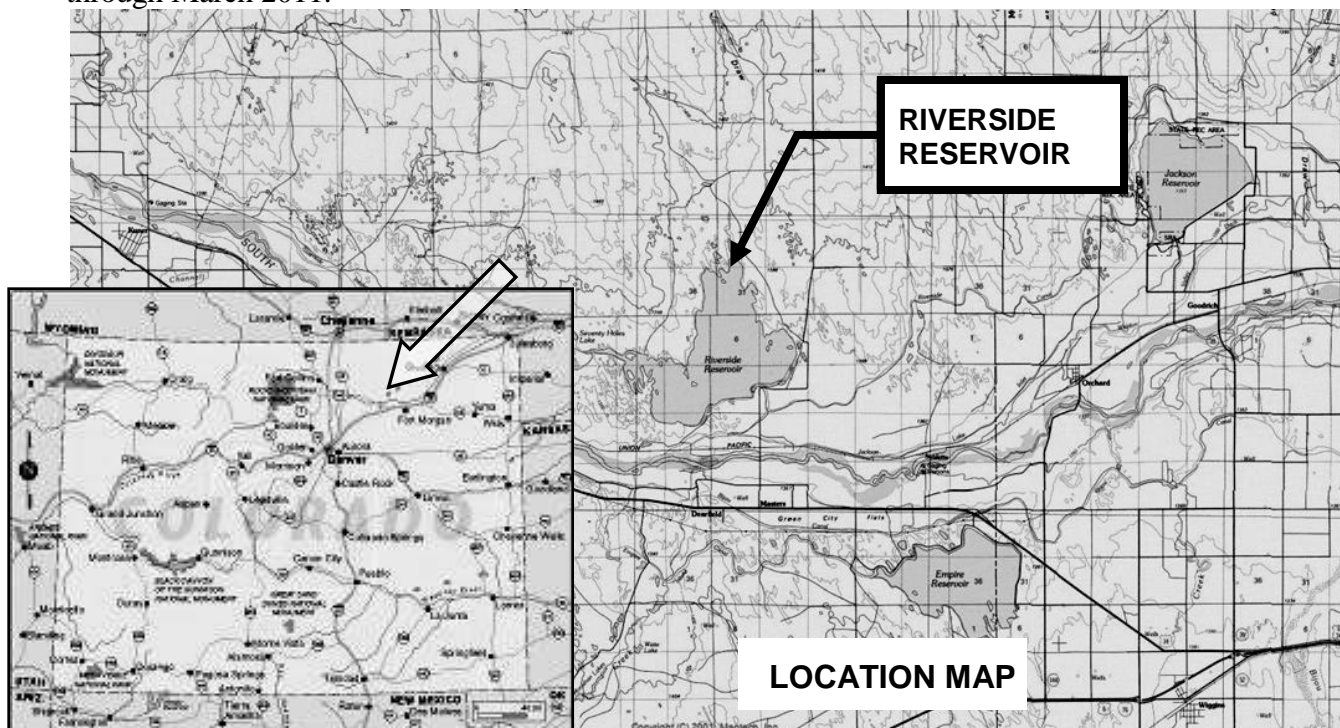
**Average Delivery:** 39,000 AF (from Reservoir storage) (105,000 Total AF for Company)

**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.



**CWCB 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

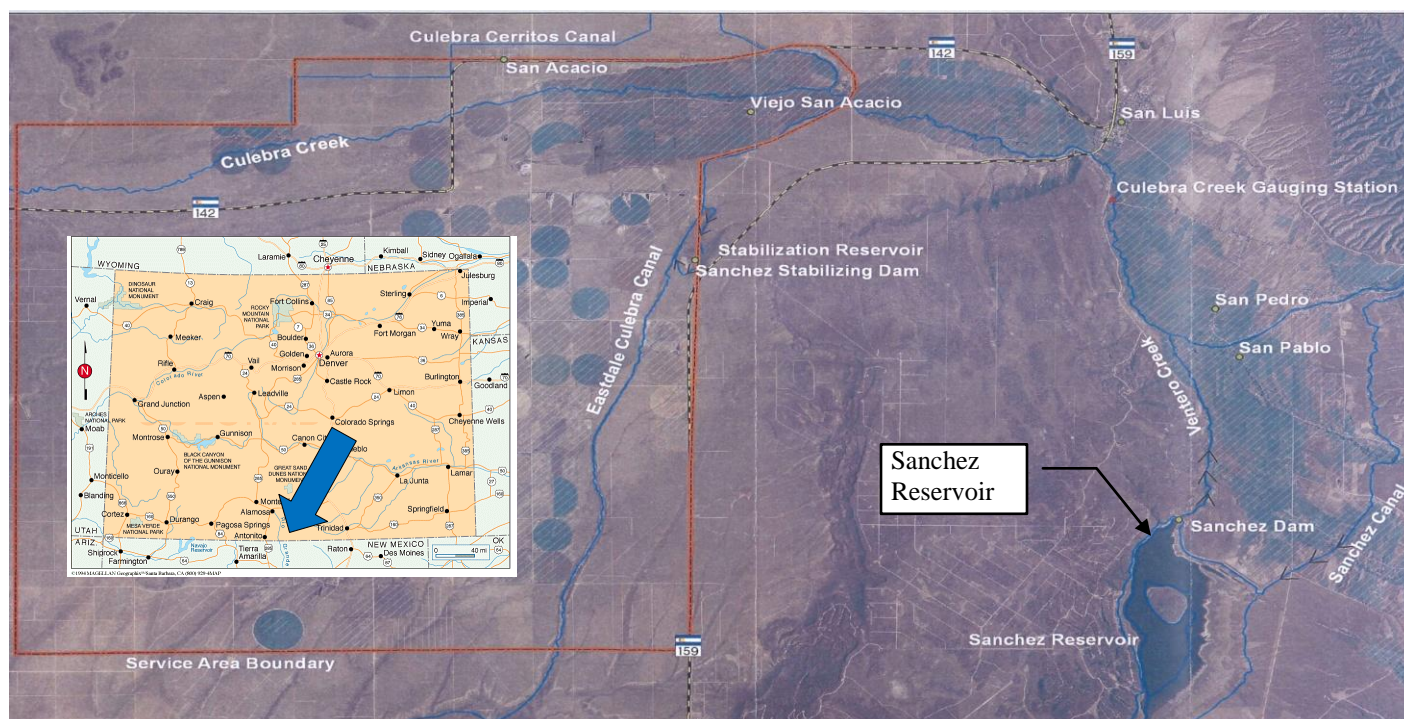
**Funding Sources:** Construction Fund & WSRA (Basin & Statewide funds)

**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.



**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

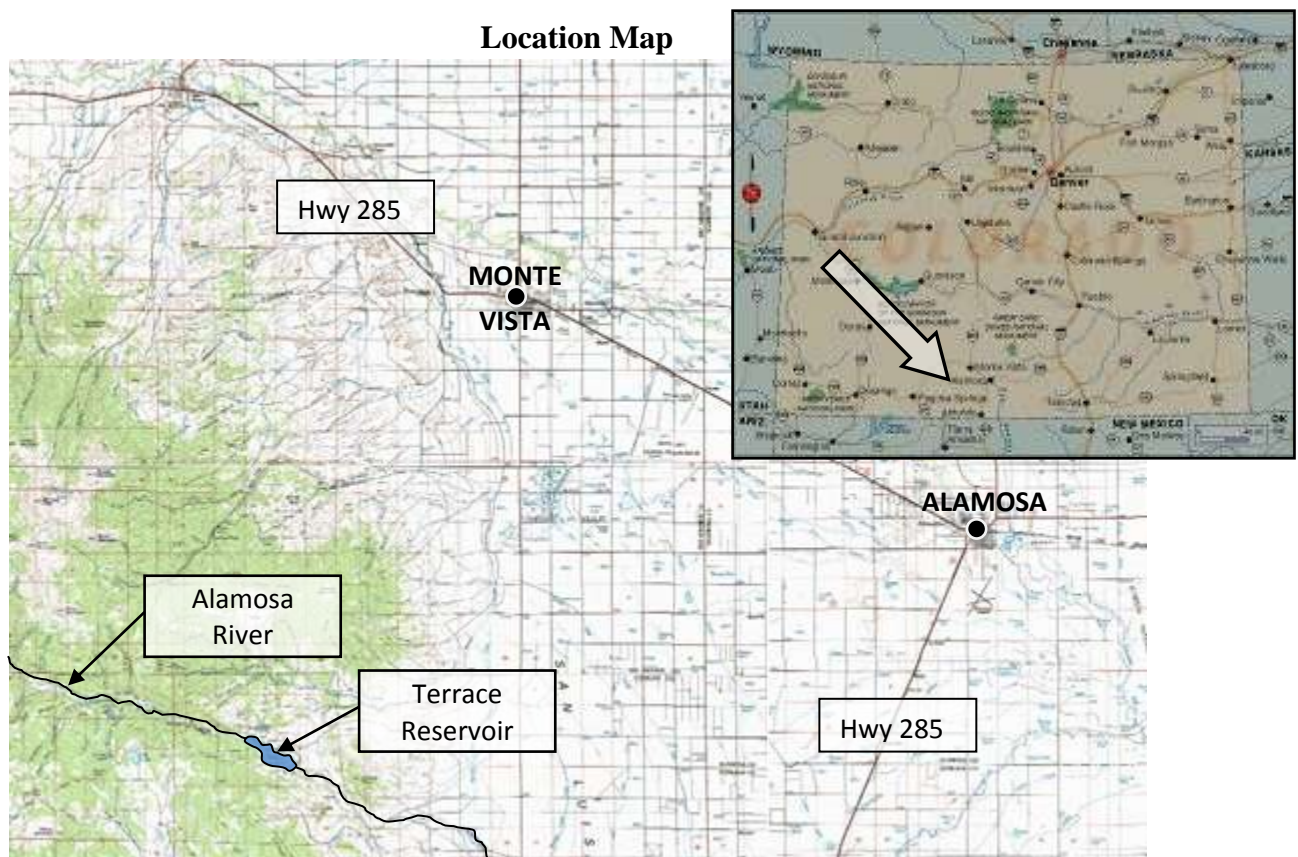
**Avg. Annual Delivery:** 15,339 AF

**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)

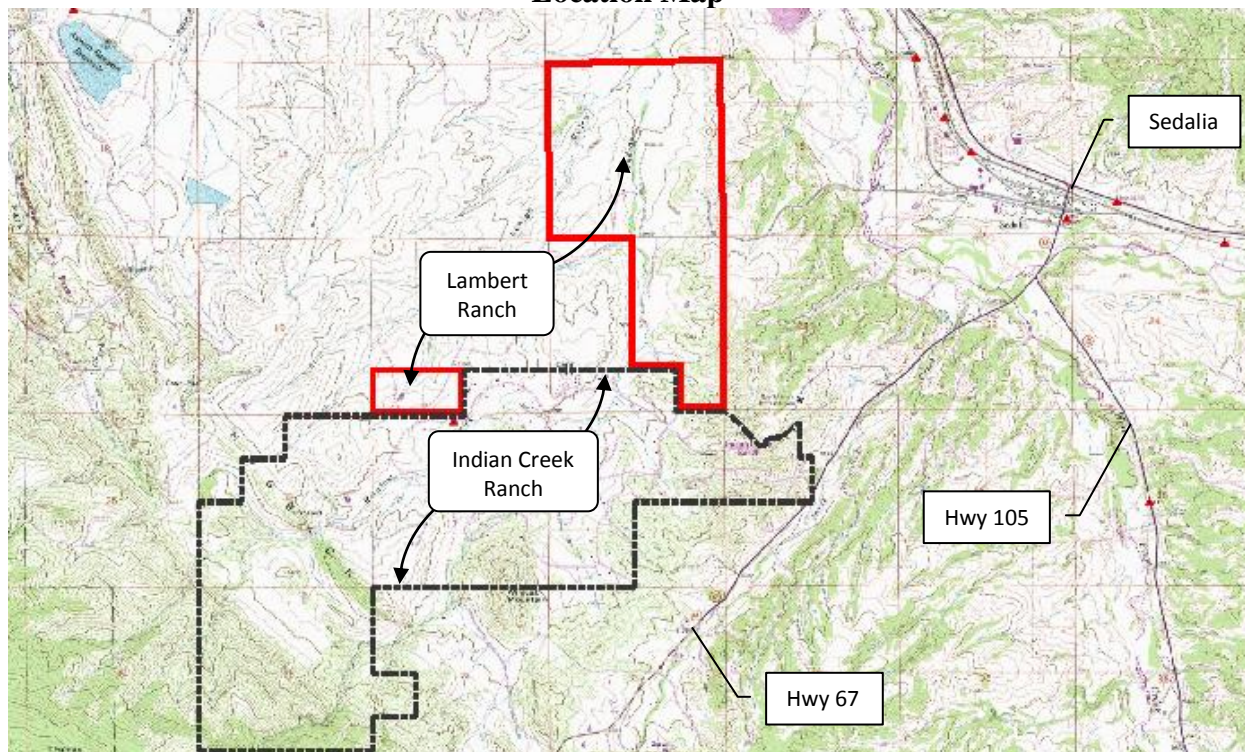
The Company, responsible for supplying irrigation water to its shareholders for irrigation of 9,300 acres of agricultural lands, is also an active participant in the Alamosa River Instream Flow Project. The ISF Project is intended to restore flows and replace natural resources damaged by mining operations 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**



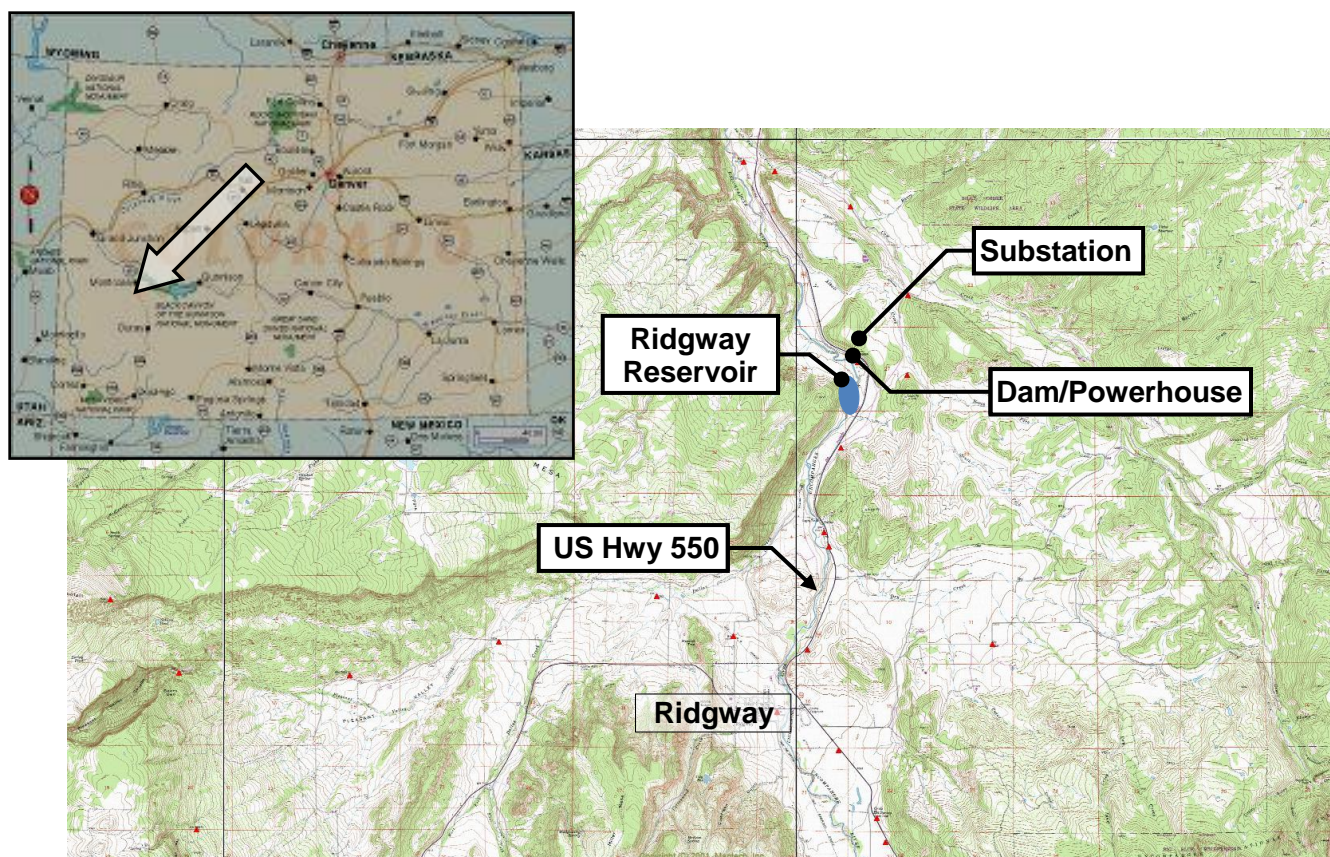
**Water Project Loan Program – Project Data Sheet****Borrower:** Thunderbird Water and Sanitation District**County:** Douglas**Project Name:** Lambert Ranch Water Rights Purchase**Project Type:** Water Rights Purchase**Drainage Basin:** South Platte, District 8**Water Source:** Denver Basin Aquifer**Total 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.



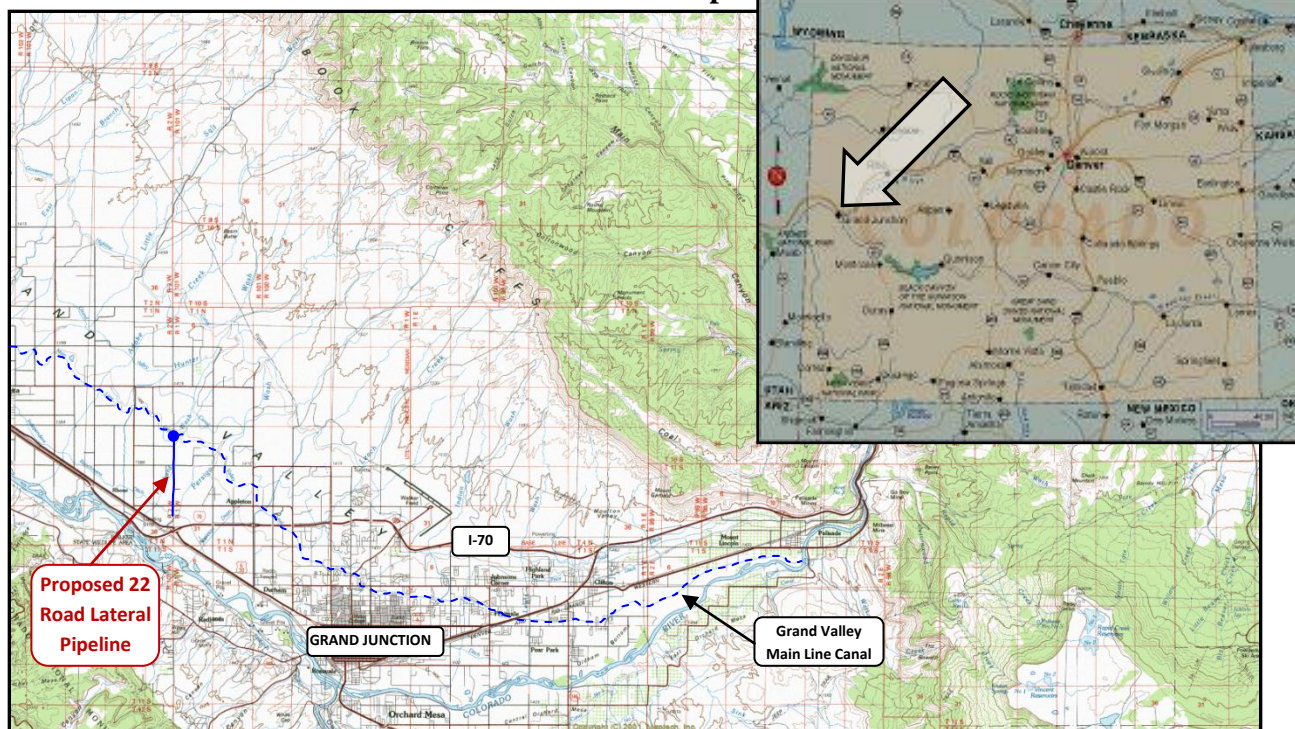
## CWCB Water Project Loan Program

## 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

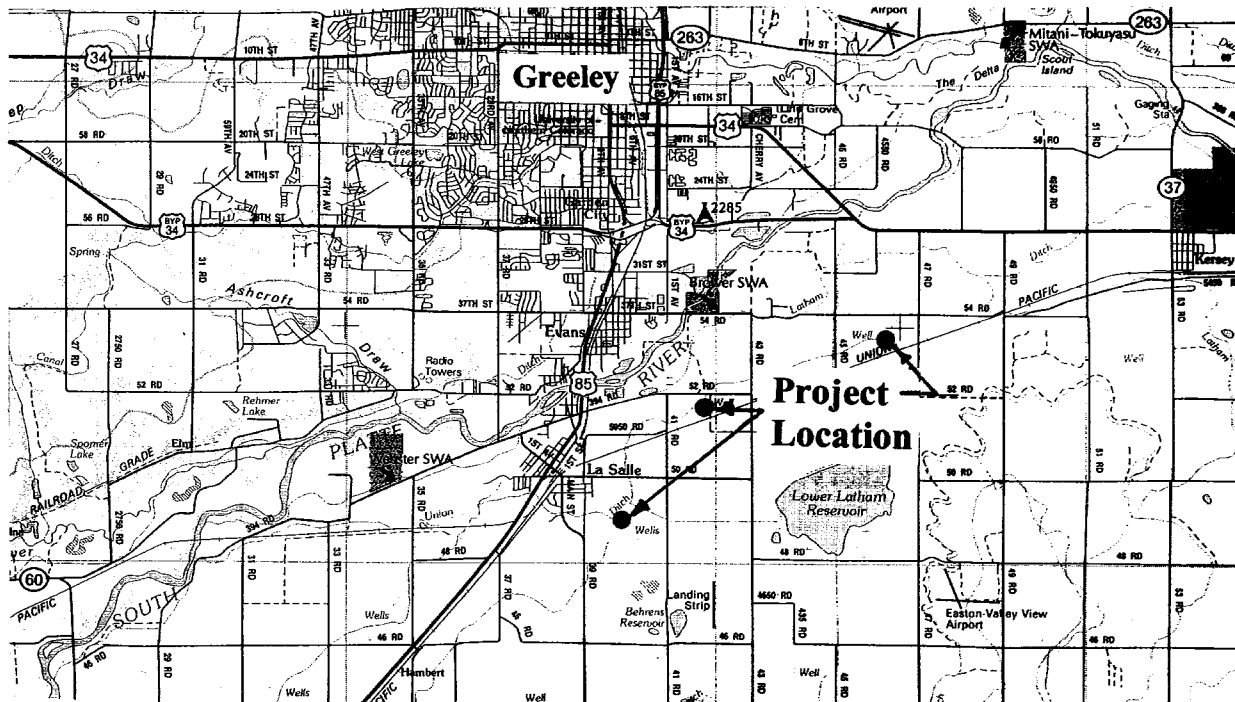
The Twenty Two Road Lateral Company uses the Twenty Two Road Lateral to deliver water to its members for the purpose of irrigating pastures, residential landscapes and gardens. The Lateral is a weathered concrete lined open channel. Cracks and gaps in the concrete lining have resulted in ever growing 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**

**Borrower:** Upper Arkansas Water Conservancy District      **County:** Chaffee/Fremont/Custer

**Project Name:** North Fork Reservoir Rehab/Expansion      **Drainage Basin:** Arkansas River

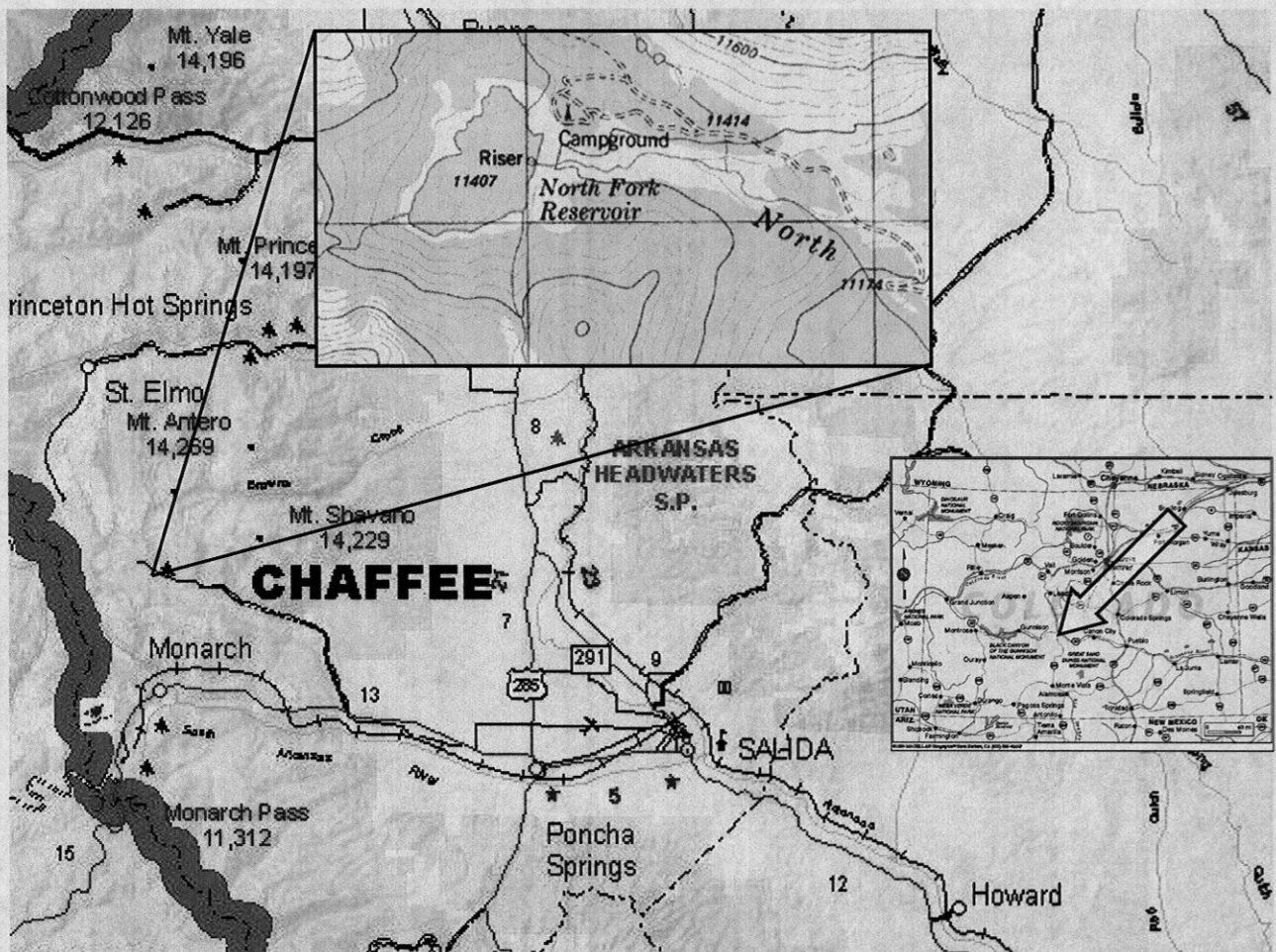
**Project Type:** Dam and Spillway Modifications      **Water Source:** N. Fork of S. Arkansas

**Total Project Cost:** \$3,309,850      **Funding Sources:** CWCB & Company

**Loan Amount:** \$2,980,000      **Current Reservoir Storage:** 500 acre-feet

**Type of Borrower:** Low Municipal/Agricultural      **Interest Rate:** 3.0%      **Term:** 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.



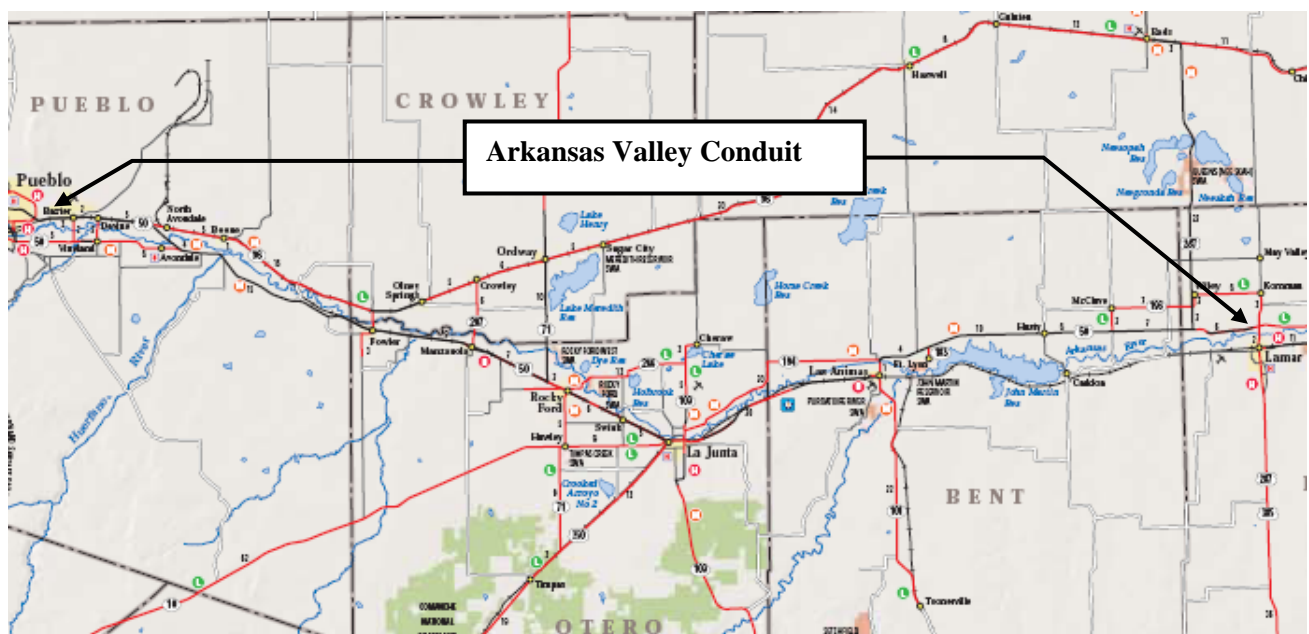
LOCATION MAP

## **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<br>(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

**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).



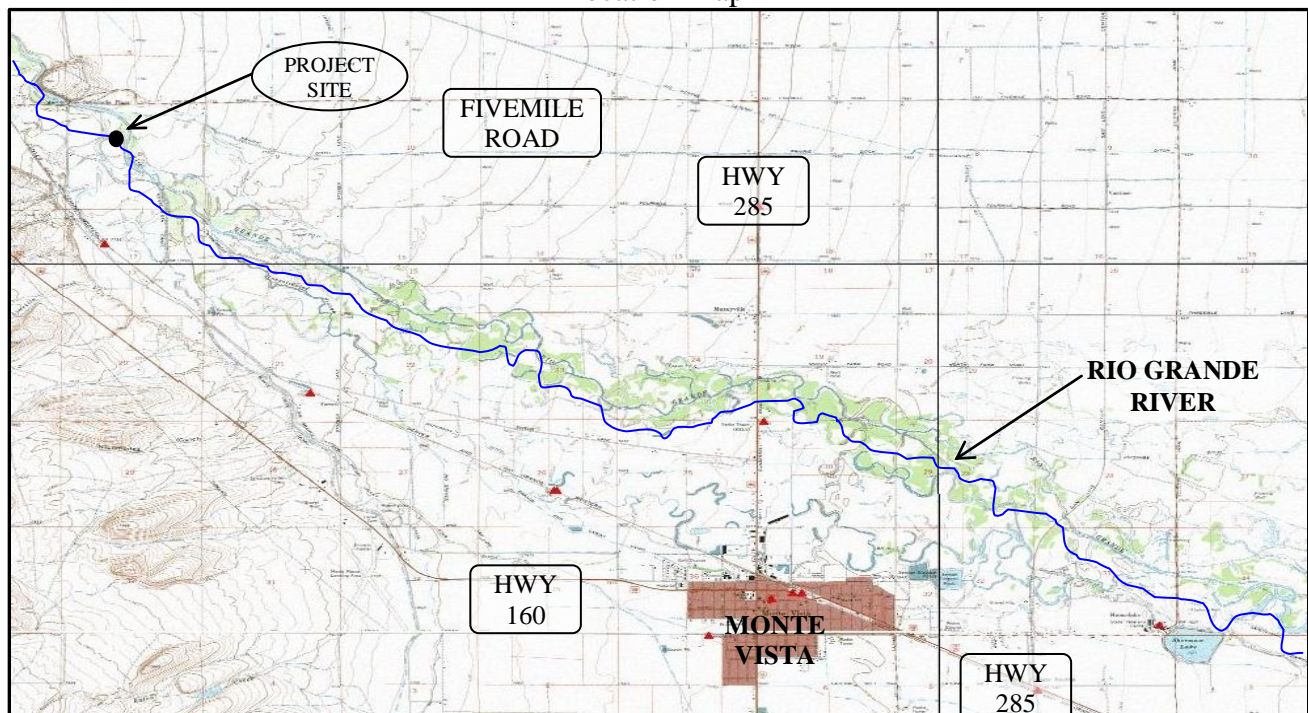
0 0.4 0.8 1.6 2.4 Miles

2009 NAIIP aerial imagery provided by  
the US Farm Service Agency



**Water Project Loan Program - Project Data****Borrower:** The McDonald Ditch Company**County:** Rio Grande**Project Name:** McDonald Ditch Diversion  
and Headgate Replacement Project**Project Type:** Ditch Rehabilitation**Drainage Basin:** Rio Grande, District 20**Water Source:** Rio Grande River**Total Project Cost:** \$650,000 (Construction)  
Engineering provided by NRCS**Funding Source:** Construction Fund**Type of Borrower:** Agricultural**Avg. Annual Diversion:** 5,018 AF**CWCB Loan:** \$70,700 (incl. 1% loan fee)**Interest Rate:** 2.50% **Term:** 20 years  
(reduced from a 2.75% 30-year ag. rate)

The existing diversion structure and ditch headgate, constructed over forty years ago, were poorly designed, are rapidly deteriorating, and present a growing maintenance burden for the Company. The diversion structure was constructed from concrete rubble, dirt, wooden debris, and an old bridge pier. The diversion is inefficient, aging, and functions poorly. The headgate consists of a rusted single slide gate that is set back from the river and uses a section of an old metal fence as a screening device. Sediment and debris are prone to build up around the gate, decreasing its efficiency while increasing maintenance costs. Both the diversion and headgate were highlighted as rehabilitation priorities in a study performed in 2001. 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 that triggered a more localized effort known as the Plaza Project. This project provides an environmentally sensitive solution for increasing the efficiency of the ditch with a less maintenance intensive diversion and headgate. Construction is scheduled to begin in November of 2012.

**Location Map**

**CWCB 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)

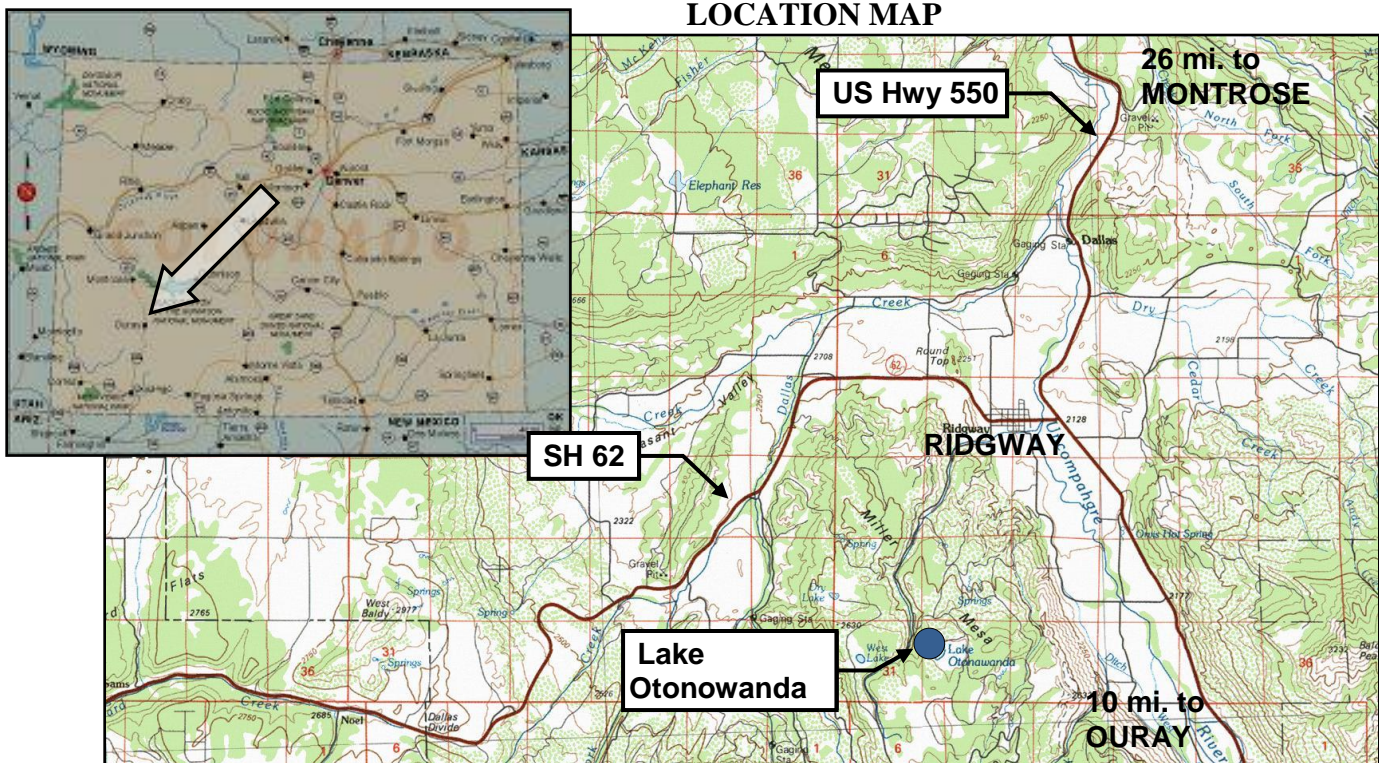
**Interest Rate:** 3.0%

**Term:** 30 years

**WSRA Grant Amounts:** \$60,000 Gunnison Basin & \$540,000 Statewide

The Town of Ridgway is requesting a CWCB 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:** 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

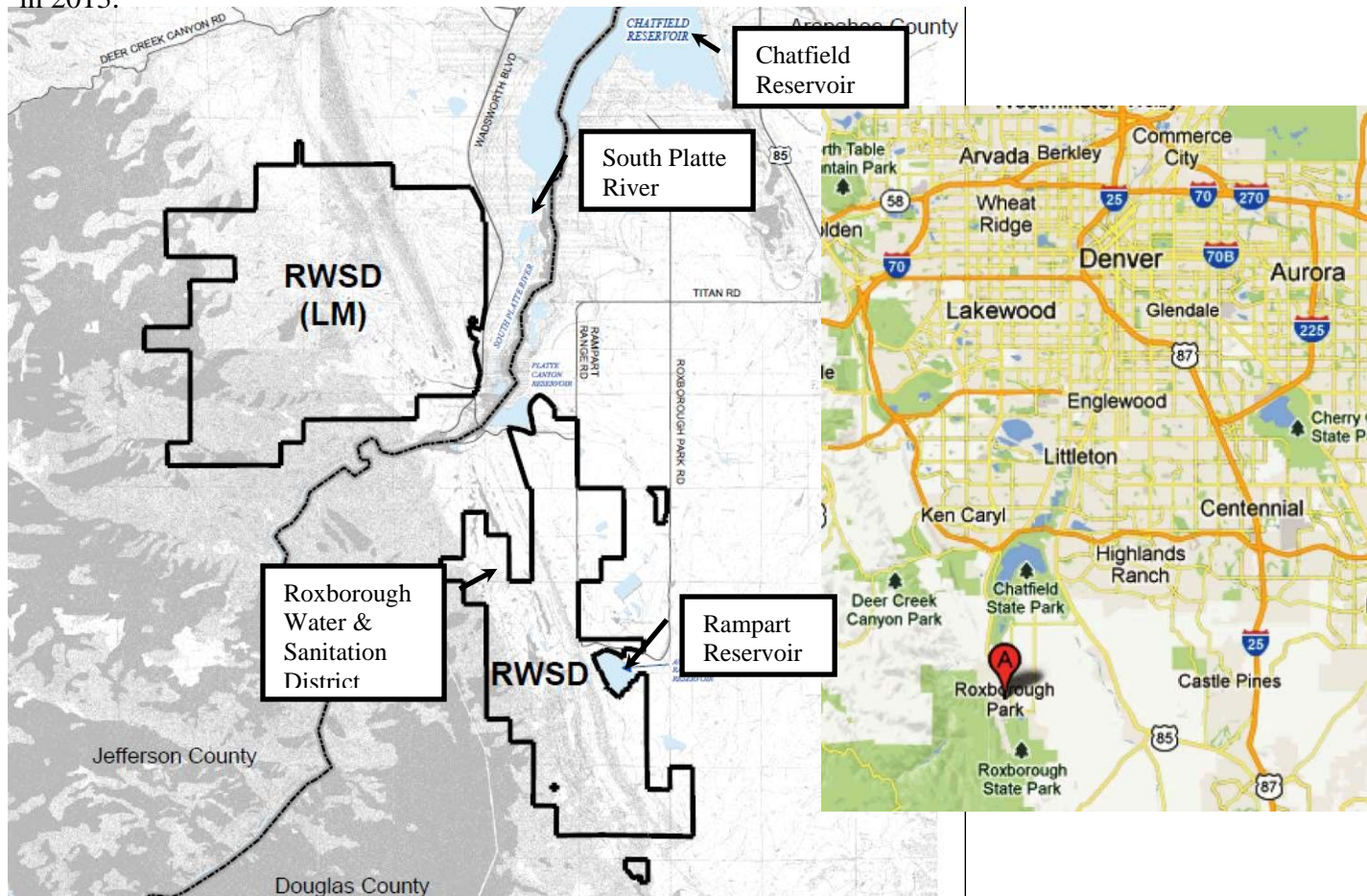
**Funding Source:** Construction Fund

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

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

**CWCB 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.



# 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

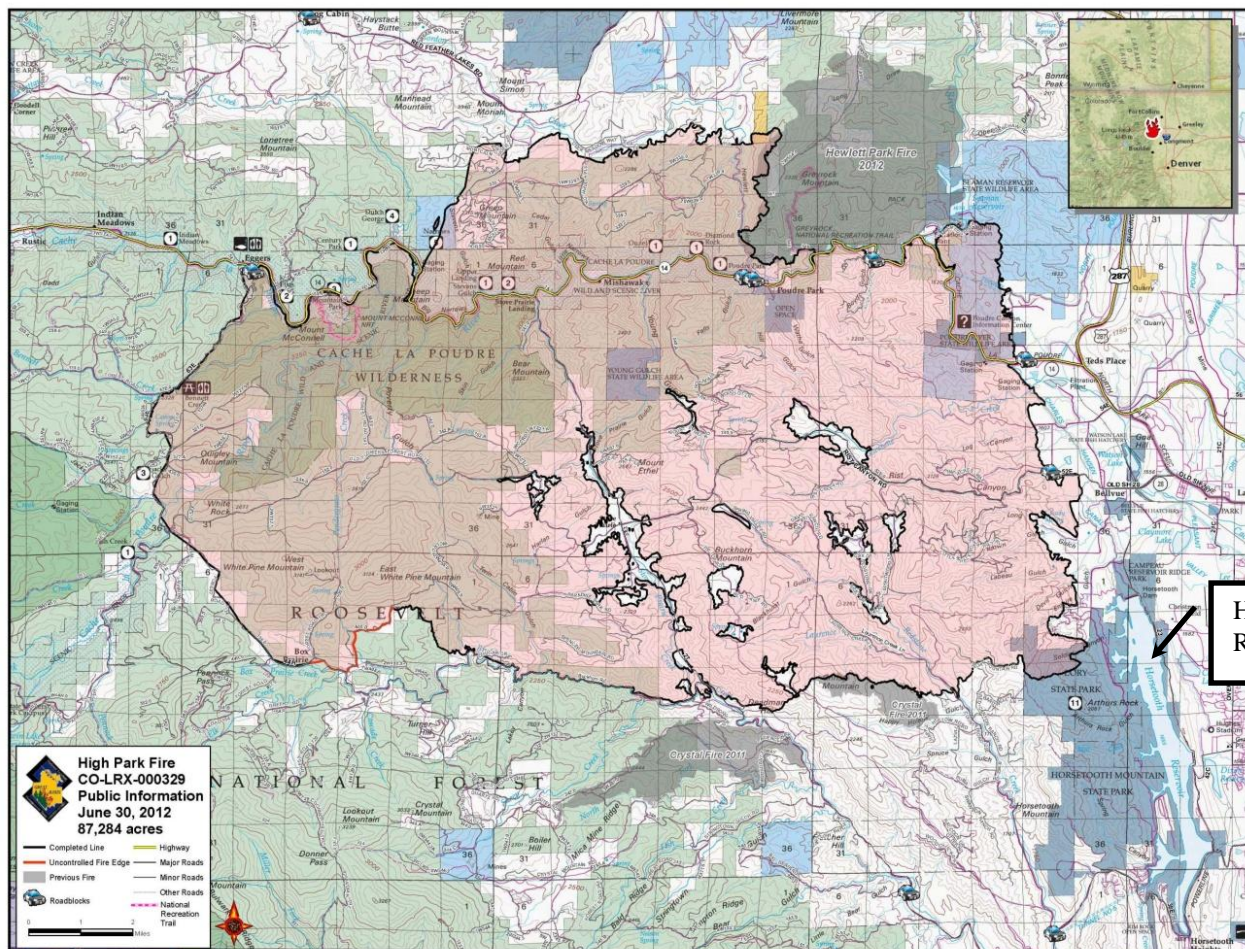
**Funding Source:** Severance Tax Trust Fund  
Perpetual Base Account

**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.



**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

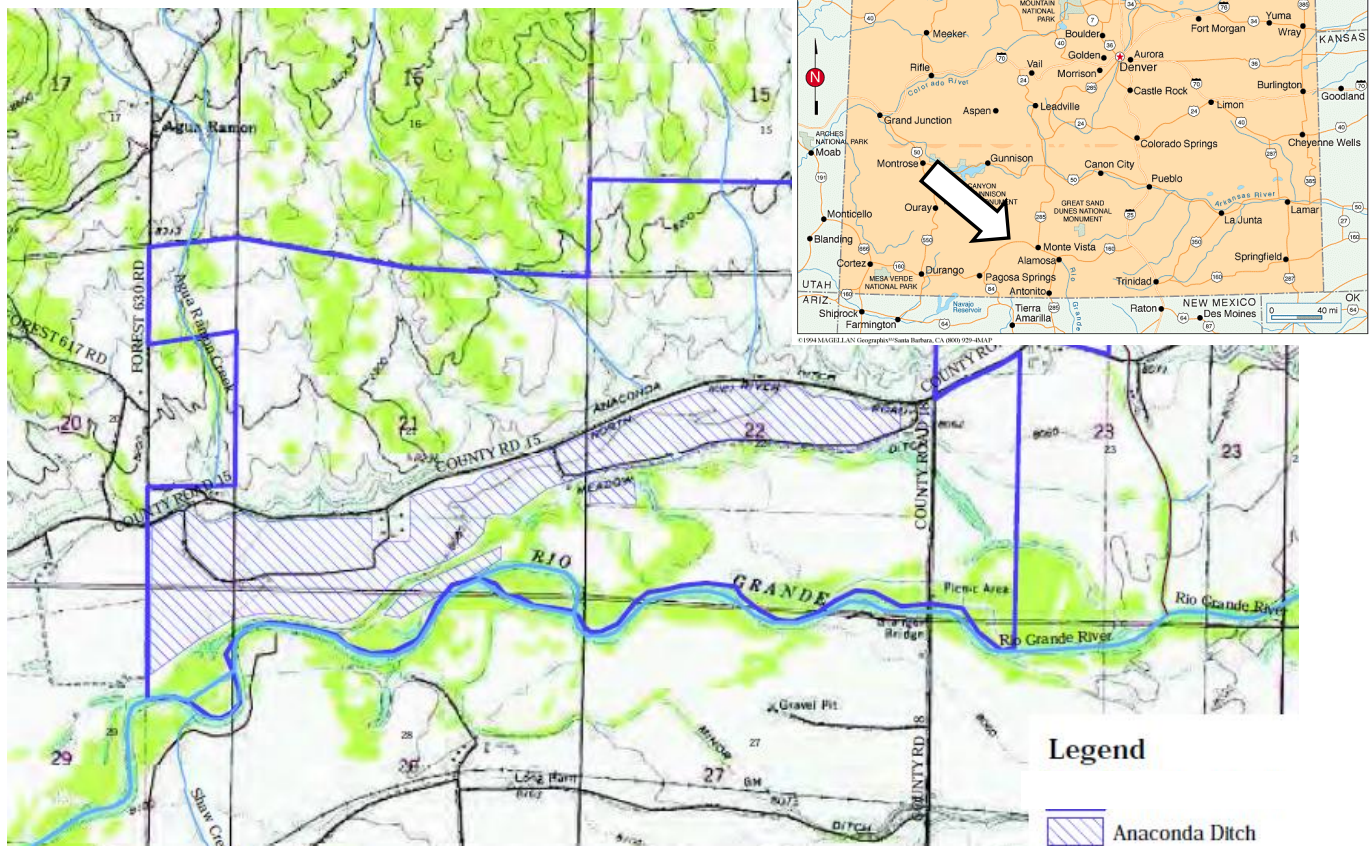
**Type of Borrower:** Municipal Low Income

**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.



**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

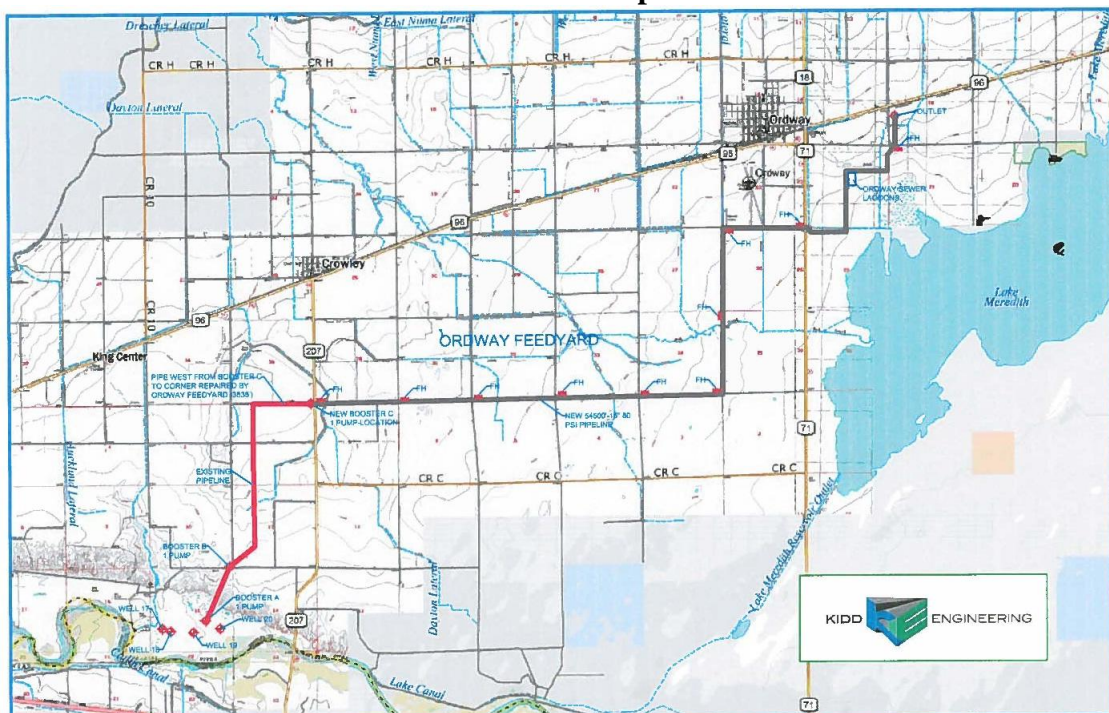
**Avg. Annual Delivery:** 500 AF (Feedyard)  
1,000 AF (Ranch)

**CWCB Loan:** \$2,525,000 (incl. 1% loan fee)  
**WSRA Grant:** \$275,000 (\$25,000/\$225,000)

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

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.

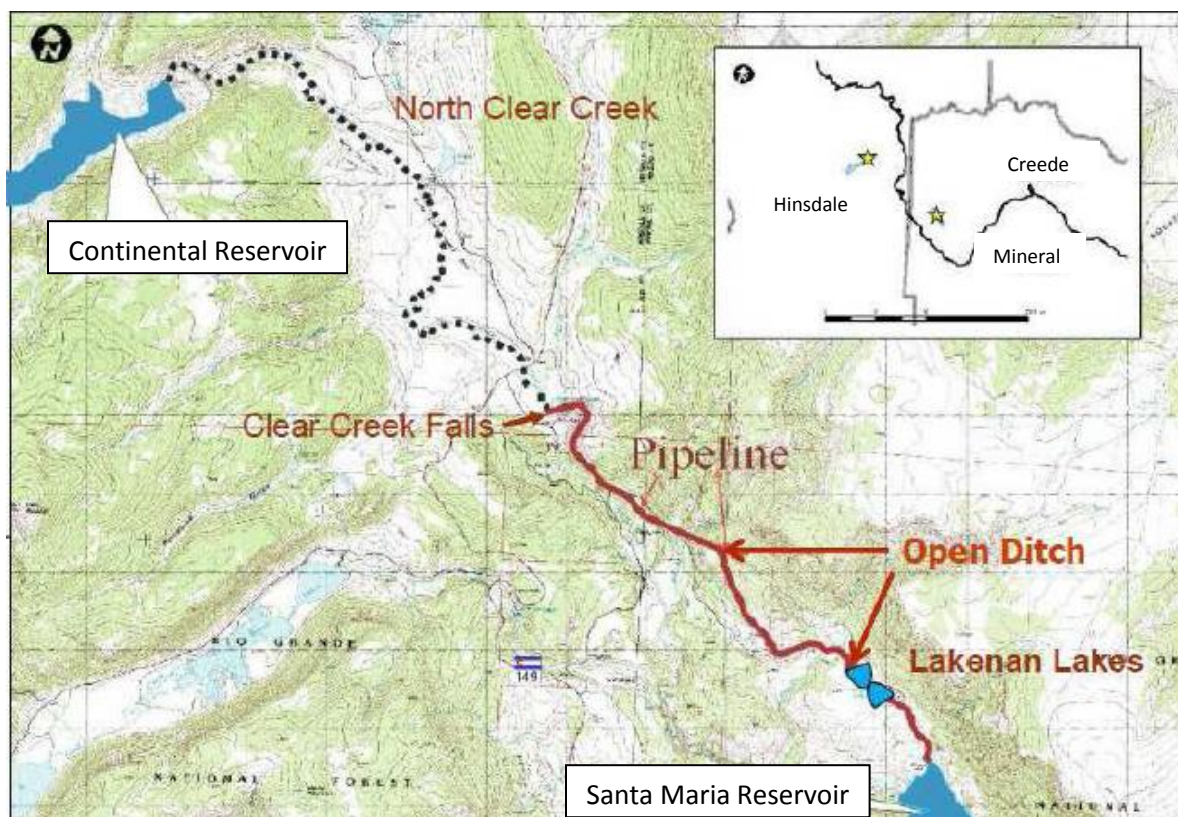
**Location Map**



**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.



# 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: May 3, 2013

SUBJECT: **Directors Report, May 14-15, 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

Jennifer L. Gimbel  
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>  |                               |                  |          |  |               |              |
| Lone Cabin Ditch and Reservoir Company   | Lone Cabin Dam Repair Project | March 1, 2013    | Gunnison | Lone Cabin Reservoir is currently under a storage restriction by the SEO due to slumping issues on the dam. The Company intends to repair the dam to restore its full storage capacity and is looking for WSRRA grant funding in addition to the loan. | \$364,000     | \$327,000    |
| 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  |

|  |                         |                   |          |   |               |              |
|--|-------------------------|-------------------|----------|---|---------------|--------------|
| Missouri Heights<br>Mountain Meadows<br>Irrigation Company | Ditch Lining<br>Project | September 1, 2012 | Colorado | This project involves lining one mile of<br>To Be Recommended for Approval at May 2013 Meeting<br>passes. | \$450,000     | \$405,000    |
| Totals   |                         |                   |          |   | \$146,120,000 | \$92,636,000 |

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    |              |                                     |                                     |              |                     |
|                 |              | Louden Irrigation & Reservoir Co    | Ditch Improvements                  | \$500,000    | \$500,000           |
|                 |              | Greeley –Loveland Irrigation Co.    | Augmentation Structure              |              | \$500,000           |
|                 | 12-Aug       | No Poudre Irrigation Co             | Pump Station                        |              | \$3,000,000         |
|                 | 11-Apr       | Boulder Left Hand Irrigation. Co    | Ditch Piping (2012)                 |              | \$300,000           |
|                 | 11-Jan       | East Larimer County Water District  | Rigdon Storage Project              |              | \$3,000,000         |
|                 | 11-Oct       | NISP Participants                   | NISP                                |              | \$30,000,000        |
|                 | 11-Oct       | Chatfield Reallocation Participants | Chatfield Reallocation Participants |              | \$40,000,000        |
|                 | 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>\$78,850,000</b> |
| Arkansas        |              |                                     |                                     |              |                     |
|                 | 11-Jan       | Upper Arkansas WCD                  | Trout Creek Reservoir               | \$3,000,000  | \$3,000,000         |
|                 |              | Cherokee Metro District             | Wells and Pipelines                 | \$800,000    | \$800,000           |
|                 | 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>\$22,400,000</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        |              |                                     |                                     |              |                     |
|                 |              | Lateral MC070 Inc.                  | NRCS Ditch Rehabilitation           | \$200,000    | \$140,000           |
|                 |              | 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>\$840,000</b>    |

|            |        |                                     |                          |              |                  |
|------------|--------|-------------------------------------|--------------------------|--------------|------------------|
| Gunnison   |        |                                     |                          |              |                  |
|            | 12-Oct | Fire Mountain Canal & Reservoir Co. | New Reservoir            |              | \$500,000        |
|            |        |                                     |                          | <b>TOTAL</b> | <b>\$500,000</b> |
| Rio Grande |        |                                     |                          |              |                  |
|            | 12-Mar | Fuchs Reservoir Company             | Reservoir Rehabilitation |              | \$100,000        |
|            |        |                                     |                          | <b>TOTAL</b> | <b>\$100,000</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:**

City of Lamar - Pipeline Project

Town of Fowler - Pipeline Project

Huerfano County Water Conservancy District - Augmentation Project

Cerro Ditch - Ditch lining Project



| 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 March Board Approvals</b>     |  |   |              |                        |                           |               |                        |                |  |
| Arkansas                              | Colorado Water Institute                                     | Agricultural Economics and Water Resources: Methods, Metrics - A Specialty Workshop                         | Mar-13       | \$9,746                | \$0                       | \$9,746       | Education              | Todd Doherty   |  |
| Arkansas                              | Southeastern Colorado Water Conservancy District             | Arkansas River Basin Study  | Mar-13       | \$59,600               | \$238,400                 | \$298,000     | Other                  | Todd Doherty   |  |
| 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         | Chris Sturm    |  |
| Colorado                              | Mr. William Grange   | Grace and Sheln Diversion Rehabilitation Project (Phase I & II - Alternatives Evaluation & Detailed Design) | Mar-13       | \$40,500               | \$0                       | \$40,500      | Agricultural           | Jacob Bornsiei |  |
| Gunnison                              | Colorado Open Lands  | Lake San Cristobal Inlet Preservation and Fishing Access Project  | Mar-13       | \$16,700               | \$0                       | \$16,700      | Nonconsumptive         | Todd Doherty   |  |
| Gunnison                              | Lake Fork Water Conservancy District                         | Henson Creek and Lake Fork Confluence Channel Improvements  | Mar-13       | \$28,975               | \$260,111                 | \$289,086     | Agricultural           | Chris Sturm    |  |
| 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           | Greg Johnson   |  |
| Rio Grande                            | SANGRE DE CRISTO ACEQUIA ASSOCIATION                         | Culebra Watershed Valleys Ditch Headgate Replacement  | Mar-13       | \$10,000               | \$90,000                  | \$100,000     | Agricultural           | Greg Johnson   |  |
| Rio Grande                            | Santa Maria Reservoir Company                                | SANTA MARIA RESERVOIR SIPHON & CANAL SYSTEM REHABILITATION  | Mar-13       | \$23,000               | \$440,750                 | \$463,750     | Agricultural           | Kirk Russell   |  |
| South Platte                          | Ducks Unlimited, Inc.  | Prewitt Reservoir Wetland Partnership   | Mar-13       | \$45,414               | \$45,414                  | \$90,828      | Nonconsumptive         | Todd Doherty   |  |
| Southwest                             | Animas Consolidated Ditch Company                            | Animas River Diversion Headgate Monitoring Study  | Mar-13       | \$14,500               | \$0                       | \$14,500      | Agricultural           | Jacob Bornsiei |  |
| Yampa/White                           | Rout County Conservation District                            | Armstrong Creek Restoration Project   | Mar-13       | \$15,000               | \$35,000                  | \$50,000      | Nonconsumptive         | Chris Sturm    |  |
| <b>2013 January Board Approvals</b>   |  |   |              |                        |                           |               |                        |                |  |
| Arkansas                              | Purgatoire River Water Conservancy District                  | Purgatoire River Reach 3 Habitat Improvement Project  | Jan-13       | \$26,200               | \$0                       | \$26,200      |                        | Chris Sturm    |  |
| Colorado                              | Grand County   | Gore Canyon Whitewater Park at pump house - Colorado River  | Jan-13       | \$100,000              | \$400,000                 | \$500,000     | Nonconsumptive         | Greg Johnson   |  |
| Southwest                             | Animas Airpark Property Owners Association                   | Animas Airpark Water Distribution System  | Jan-13       | \$20,000               | \$0                       | \$20,000      | Municipal & Industrial | Greg Johnson   |  |
| <b>2012 September Board Approvals</b> |  |   |              |                        |                           |               |                        |                |  |
| Colorado                              | Blue River Watershed Group                                   | Tennile Creek Restoration Project   | Sep-12       | \$17,500               | \$332,500                 | \$350,000     | Nonconsumptive         | Chris Sturm    |  |
| Colorado                              | Roaring Fork Water Conservancy                               | Crystal River Watershed - Assessment and Design of Restoration Projects                                     | Sep-12       | \$15,854               | \$301,219                 | \$317,073     | Nonconsumptive         | Chris Sturm    |  |
| Gunnison                              | Town of Ridgway  | Town of Ridgway Lake Okonwanda Renovation Project   | Sep-12       | \$60,000               | \$540,000                 | \$600,000     | Municipal & Industrial | Ryan Edwards   |  |
| Rio Grande                            | Sanchez Ditch & Reservoir Company                            | Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement                                | Sep-12       | \$55,000               | \$869,400                 | \$914,400     | Agricultural           | Anna Mauss     |  |
| 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 | Anna Mauss     |  |
| <b>2012 July Board Approvals</b>      |  |   |              |                        |                           |               |                        |                |  |
| Gunnison                              | Leon Park Reservoir Company                                  | Leon Park Reservoir Dam Outlet Repair   | Jul-12       | \$31,372               | \$0                       | \$31,372      | Agricultural           | Todd Doherty   |  |
| <b>2011 September Board Approvals</b> |  |   |              |                        |                           |               |                        |                |  |
| Southwest                             | Lake Durango Water Authority                                 | Lake Durango Water Authority/ Source Water Infrastructure   | Sep-11       | \$50,000               | \$450,000                 | \$500,000     | Municipal & Industrial | Ryan Edwards   | \$450K Statewide funds approved - May 11, 2011 Board Meeting |
| <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 | Greg Johnson   |  |
| <b>2011 May Board Approvals</b>       |  |   |              |                        |                           |               |                        |                |  |



| Basin                                 | Applicant  | Name of Water Activity  | CWCB Meeting | Basin Account Approved | Statewide Amount Approved | Total Request | Type of Water Activity | PM             | Actions/Comments/Notes |
|---------------------------------------|--|---|--------------|------------------------|---------------------------|---------------|------------------------|----------------|------------------------|
| 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 Bornstel |                        |
| <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           | Todd Doherty   |                        |
| <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           | Todd Doherty   |                        |
| <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 | Todd Doherty   |                        |
| <b>2009 September Board Approvals</b> |  |   |              |                        |                           |               |                        |                |                        |
| Metro                                 | CDPHE  | Demonstration of membrane zero liquid discharge process for drinking water systems (\$50,000 Metro Basin Fund Contribution) | Sep-09       | \$0                    | \$0                       | \$0           |                        | Greg Johnson   |                        |
| <b>2009 July Board Approvals</b>      |  |   |              |                        |                           |               |                        |                |                        |
| Southwest                             | Town of Sawpit   | Domestic Water System Construction  | Jul-09       | \$25,000               | \$0                       | \$25,000      | Municipal & Industrial | Greg Johnson   |                        |

## WSRA IN PROGRESS PROJECTS

Updated 4/29/2013



| Basin  | Applicant   | Name of Water Activity  | CWCB Meeting | Basin Account Approved | Statewide Amount Approved | Total Request      | Type of Water Activity | Number      | Project Expiration Date |
|--|---|---|--------------|------------------------|---------------------------|--------------------|------------------------|-------------|-------------------------|
| 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                 |
| Arkansas   | City of Pueblo  | Bedload/Sediment Collection and Removal Technology - Fountain Creek   | Sep-09       | \$75,000               | \$160,000                 | \$225,000          | Nonconsumptive         | C150465     | 6/30/13                 |
| Arkansas   | Colorado State Parks  | Helena Diversion Structure/BV Boat Chute Improvement Project  | Mar-11       | \$35,000               | \$290,000                 | \$325,000          | Nonconsumptive         | CC150507    | 1/15/14                 |
| Arkansas   | Lower Arkansas Valley Water Conservancy District  | Super Ditch Delivery Engineering  | Mar-11       | \$0                    | \$225,837                 | \$225,837          | Agricultural           | C150490     | 10/31/13                |
| 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) | May-11       | \$9,394                | \$37,577                  | \$46,971           | Agricultural           | 121BC000006 | 6/30/15                 |
| Arkansas   | City of Trinidad  | North Lake Dam Rehabilitation Project   | Mar-12       | \$112,000              | \$727,235                 | \$739,235          | Municipal & Industrial | C150502     | 12/31/13                |
| Arkansas   | El Paso County by its Board of County Commissioners   | Groundwater Quality Study - Phase 2 - Upper Black Squirel Creek Alluvial Aquifer in the Arkansas River Basin                          | May-12       | \$35,000               | \$0                       | \$35,000           |                        | 131BC000018 | 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     | 6/30/13                 |
| Arkansas   | Pisgah Reservoir and Ditch Company  | Mount Pisgah Dam/Mightys 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           | 131BC000017 | 1/31/15                 |
| 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                 |
| <b>Arkansas Basin Total Request</b>                    |   |   |              | <b>\$381,394</b>       | <b>\$2,228,709</b>        | <b>\$2,610,103</b> |                        |             |                         |
| <b>Number of Projects 11</b>                           |   |   |              |                        |                           |                    |                        |             |                         |
| Arkansas/South Platte                                  | Pikes Peak Regional Water Authority   | Rotating Agricultural Following Public Policy Working Group   | Jul-11       | \$20,000               | \$0                       | \$20,000           | Agricultural           | 121BC000015 | 3/31/13                 |
| <b>Arkansas/South Platte Basin Total Request</b>       |   |   |              | <b>\$20,000</b>        | <b>\$0</b>                | <b>\$20,000</b>    |                        |             |                         |
| <b>Number of Projects 1</b>                            |   |   |              |                        |                           |                    |                        |             |                         |
| 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          |                        | C150456     | 9/30/14                 |
| <b>Arkansas/South Platte/Metro Basin Total Request</b> |   |   |              | <b>\$25,000</b>        | <b>\$700,000</b>          | <b>\$725,000</b>   |                        |             |                         |
| <b>Number of Projects 1</b>                            |   |   |              |                        |                           |                    |                        |             |                         |
| 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.E. 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           | 121BC000001 | 6/30/14                 |
| Colorado   | Colorado Mesa University  | Colorado Water 2012   | Jan-12       | \$29,700               | \$0                       | \$29,700           | Education              | 121BC000018 | 6/30/14                 |
| Colorado   | Colorado State University   | Investigation of Sub Surface Drip on Alfalfa in Grand Valley  | Mar-12       | \$46,894               | \$0                       | \$46,894           | Agricultural           | 121BC000019 | 4/30/16                 |
| Colorado   | Blue River Watershed Group  | Upper Swan River Restoration Project  | Mar-12       | \$30,000               | \$0                       | \$30,000           | Nonconsumptive         | 121BC000021 | 3/30/13                 |
| Colorado   | Eagle River Watershed Council, Inc.   | Colorado River Inventory & Assessment   | May-12       | \$30,000               | \$0                       | \$30,000           | Needs Assessment       | 131BC000003 | 12/31/13                |
| Colorado   | Robinson Ditch Company  | Robinson Ditch Piping Improvements  | Sep-12       | \$60,000               | \$0                       | \$60,000           | Agricultural           | 131BC000014 | 1/31/15                 |
| 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   | Tamarisk Coalition  | Grand Valley Rhiparian Restoration Collaborative (GVRRC) Project  | Sep-12       | \$42,726               | \$207,274                 | \$250,000          | Nonconsumptive         | C150513     | 1/30/17                 |
| <b>Colorado Basin Total Request</b>                    |   |   |              | <b>\$352,593</b>       | <b>\$472,274</b>          | <b>\$824,867</b>   |                        |             |                         |
| <b>Number of Projects 10</b>                           |   |   |              |                        |                           |                    |                        |             |                         |
| Gunnison   | North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMC) | Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison  | Sep-07       | \$79,000               | \$230,000                 | \$309,000          | Agricultural           | C150414     | 8/22/13                 |
| 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                 |



| 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                               | Gunnison County  | 75 Ditch Diversion Improvement and Feature Enhancements   | May-10       | \$46,100               | \$0                       | \$46,100           | Nonconsumptive         | 121BC000002   | 6/30/15                 |
| Gunnison                               | Leiroux Creek Water Users Association (LCWUA)              | Hanson Reservoir Outlet Rehabilitation  | Jul-10       | \$0                    | \$0                       | \$0                | Agricultural           | 11000000068   | 6/30/13                 |
| Gunnison                               | Upper Gunnison River Water Conservancy/District (UGRWCD)   | Blue Mesa Reservoir   | Mar-11       | \$24,500               | \$98,000                  | \$122,500          |                        | C150497       | 6/30/13                 |
| Gunnison                               | Colorado State University                                  | Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators  | Sep-11       | \$77,000               | \$36,000                  | \$112,000          | Agricultural           | C150499       | 12/31/14                |
| Gunnison                               | Colorado Mesa University                                   | Gunnison Basin Roundtable Education Program   | Mar-12       | \$19,750               | \$0                       | \$19,750           | Education              | 121BC000020   | 6/30/14                 |
| Gunnison                               | North Delta Irrigation Company                             | Tunnel Reconstruction Project   | Mar-12       | \$40,000               | \$690,110                 | \$730,110          | Agricultural           | C150498       | 4/1/13                  |
| Gunnison                               | Delta Conservation District                                | North Fork of the Gunnison Invasive Weed Removal  | May-12       | \$20,000               | \$0                       | \$20,000           | Other                  | 131BC000007   | 12/31/13                |
| <b>Gunnison Basin Total Request</b>    |  |   |              | <b>\$306,350</b>       | <b>\$1,174,070</b>        | <b>\$1,480,420</b> |                        |               |                         |
| <b>Number of Projects 9</b>            |  |   |              |                        |                           |                    |                        |               |                         |
| Metro                                  | South Metro Water Supply Authority                         | Aquifer Recharge Pilot Study  | Sep-09       | \$0                    | \$550,000                 | \$550,000          | Municipal & Industrial | C150474       | 6/30/13                 |
| 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                 |
| Metro                                  | Douglas County Water Resource Authority                    | Rotary Sprinkler Nozzle Retrofit  | Sep-10       | \$0                    | \$250,000                 | \$250,000          | Municipal & Industrial | C150471       | 6/30/13                 |
| Metro                                  | Rural Water Authority of Douglas County                    | Rural Douglas County groundwater-level monitoring network   | Sep-10       | \$28,263               | \$84,792                  | \$113,056          | Municipal & Industrial | C150473       | 12/31/13                |
| <b>Metro Basin Total Request</b>       |  |   |              | <b>\$128,263</b>       | <b>\$1,384,792</b>        | <b>\$1,513,055</b> |                        |               |                         |
| <b>Number of Projects 4</b>            |  |   |              |                        |                           |                    |                        |               |                         |
| North Plate                            | 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 Plate                            | 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 Plate                            | Ducks Unlimited, Inc.                                      | North Park Irigated Meadow Conservation Program - Phase I   | May-10       | \$20,000               | \$0                       | \$20,000           | Nonconsumptive         | 10000000126   | 6/30/13                 |
| North Plate                            | Jackson County Water Conservancy District                  | Structures for Water Control: Headgates and Diversion   | Sep-11       | \$183,883              | \$0                       | \$183,883          | Agricultural           | C150488       | 12/31/13                |
| North Plate                            | 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                |
| North Plate                            | Conservancy District                                       | Seneca Ditch - Structure for Water Control  | Jul-12       | \$57,539               | \$0                       | \$57,539           |                        | OE131BC000011 | 12/31/13                |
| <b>North Plate Basin Total Request</b> |  |   |              | <b>\$579,192</b>       | <b>\$216,027</b>          | <b>\$794,218</b>   |                        |               |                         |
| <b>Number of Projects 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                             | 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                             | Terrace Reservoir Irrigation Company, Inc.                 | Terrace Reservoir Spillway Replacement  | Mar-12       | \$75,000               | \$1,425,000               | \$1,500,000        | Agricultural           | C150500       | 12/31/14                |
| Rio Grande                             | Rio Grande Headwaters Land Trust                           | Rio Grande Initiative: Haywood Ranch Conservation Easement  | Sep-12       | \$25,000               | \$400,000                 | \$425,000          | Agricultural           | C150514       | 12/31/13                |
| Rio Grande                             | Colorado Foundation for Water Education                    | Solicitation of Stateholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine            | Jan-13       | \$33,237               | \$0                       | \$33,237           | Education              | 131BC000016   | 10/31/13                |
| 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              | 131BC000020   | 6/30/14                 |

## WSRA IN PROGRESS PROJECTS

Updated 4/29/2013



| Basin   | Applicant  | Name of Water Activity  | CWCB Meeting | Basin Account    | Statewide Amount Approved | Total Request      | Type of Water Activity | Number        | Project Expiration Date |
|---|--|---|--------------|------------------|---------------------------|--------------------|------------------------|---------------|-------------------------|
| <b>Rio Grande Basin Total Request</b>         |  |   |              | <b>\$296,737</b> | <b>\$2,687,280</b>        | <b>\$2,984,017</b> |                        |               |                         |
| <b>Number of Projects</b>                     |  |   |              | <b>8</b>         |                           |                    |                        |               |                         |
| South Platte                                  | Ducks Unlimited, Inc.  | Weld County School Dist RE-1 Wetland Partnership  | Jul-08       | \$42,110         | \$0                       | \$42,110           | Nonconsumptive         | 9000000063    | 12/31/13                |
| South Platte                                  | Ducks Unlimited, Inc.  | S.P. Water protection and restoration   | Sep-08       | \$0              | \$825,552                 | \$825,552          | Nonconsumptive         | C150432       | 6/30/13                 |
| South Platte                                  | The Nature Conservancy of Colorado   | Anticree River Well retirement program, Republican River basin, CO.   | Sep-08       | \$19,984         | \$79,936                  | \$99,920           | Agricultural           | 9000000084    | 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         | OE121BC000023 | 6/30/13                 |
| 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         | 131BC000004   | 8/31/14                 |
| South Platte                                  | Colorado Division of Water Resources   | Data Logger Installation Project, South Platte River Basin  | Mar-13       | \$88,958         | \$0                       | \$88,958           | Other                  | C150519       | 6/30/13                 |
| <b>South Platte Basin Total Request</b>       |  |   |              | <b>\$247,029</b> | <b>\$1,420,909</b>        | <b>\$1,667,938</b> |                        |               |                         |
| <b>Number of Projects</b>                     |  |   |              | <b>8</b>         |                           |                    |                        |               |                         |
| South Platte/Metro                            | The Greenway Foundation  | South Platte River Recreation and Habitat Improvement Preliminary Design  | Sep-11       | \$75,000         | \$300,000                 | \$375,000          | Nonconsumptive         | C150493       | 6/28/13                 |
| 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                |
| <b>South Platte/Metro Basin Total Request</b> |  |   |              | <b>\$275,000</b> | <b>\$600,000</b>          | <b>\$875,000</b>   |                        |               |                         |
| <b>Number of Projects</b>                     |  |   |              | <b>2</b>         |                           |                    |                        |               |                         |
| 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                 |
| 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                 |
| Southwest                                     | Aspen Springs Metro District   | Aspen Springs Metro Water Filling Station   | Nov-10       | \$30,000         | \$0                       | \$30,000           | Municipal & Industrial | 131BC000002   | 7/31/13                 |
| Southwest                                     | La Plata Water Conservancy   | La Plata River Water Resources Operations Model   | Mar-11       | \$0              | \$148,823                 | \$148,823          | Agricultural           | C150477       | 12/31/13                |
| Southwest                                     | Marcos Conservation District   | Marcos 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           | 131BC000012   | 12/31/14                |
| Southwest                                     | Red Mesa Dam & Reservoir Company   | Red Mesa Dam & Reservoir – Spillway Alternatives Analysis   | Sep-12       | \$19,400         | \$0                       | \$19,400           | Agricultural           | 131BC000009   | 9/30/13                 |
| <b>Southwest Basin Total Request</b>          |  |   |              | <b>\$121,900</b> | <b>\$1,423,163</b>        | <b>\$1,545,063</b> |                        |               |                         |
| <b>Number of Projects</b>                     |  |   |              | <b>7</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    | 6/30/13                 |
| 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 River Water Conservation District   | Yellow Jacket Water Storage Feasibility Study   | Jan-10       | \$220,800        | \$0                       | \$220,800          | Agricultural           | C150472       | 6/30/13                 |
| Yampa/White                                   | Colorado Climate Center-CSU  | Improvement of Lyriometer 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         | 131BC000006   | 12/31/13                |
| Yampa/White                                   | Town of Rangely  | Rangely Irrigation System Master Plan Study   | Jan-13       | \$12,500         | \$0                       | \$12,500           | Nonconsumptive         | 131BC00000015 | 12/31/13                |
| <b>Yampa/White Basin Total Request</b>        |  |   |              | <b>\$581,362</b> | <b>\$162,978</b>          | <b>\$744,340</b>   |                        |               |                         |
| <b>Number of Projects</b>                     |  |   |              | <b>7</b>         |                           |                    |                        |               |                         |



| Basin   | Applicant  | Name of Water Activity  | CWCB Meeting | Account Approved | Statewide Amount Approved | Total Request | Type of Water Activity | Number       | Project Expiration Date | Final Date Closed |
|---|--|---|--------------|------------------|---------------------------|---------------|------------------------|--------------|-------------------------|-------------------|
| Arkansas  | El Paso County Water Authority                               | Upper Black Squirrel Creek Aquifer Recharge Investigation   | Mar-07       | \$45,200         | \$0                       | \$45,200      | Municipal & Industrial | 8000000011   | 10/10/07                | 6/30/09           |
| Arkansas  | El Paso County Water Authority                               | Ground Water Conference   | Mar-07       | \$24,721         | \$0                       | \$24,721      | Education              | 8000000010   | 6/30/09                 | 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      | 6/30/09                 | 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 with the Upper Ark River basin John Martin Wetlands & Neenoshie Reservoir Nonconsumptive Needs Quantification | Sep-08       | \$75,000         | \$210,332                 | \$285,332     | Agricultural           | C150439      | 12/31/11                | 9/7/11            |
| Arkansas  | Lower Arkansas Valley Water Conservancy District             | UAMCD Hydrologic Water Balance Study  | May-09       | \$148,975        | \$0                       | \$148,975     | Needs Assessment       | C150457      | 6/30/12                 | 6/28/12           |
| Arkansas  | Upper Arkansas Water Conservancy District                    | Stakeholder's Cooperative Management Analysis for the Upper Arkansas River Basin  | Sep-09       | \$0              | \$180,000                 | \$180,000     | Needs Assessment       | C150460      | 6/30/13                 | 9/25/12           |
| Arkansas  | Southeastern Colorado Water Conservancy District             | Fountain Creek Fish Marking and Monitoring Study  | Jul-10       | \$33,600         | \$0                       | \$33,600      | Nonconsumptive         | 11000000012  | 8/31/11                 | 12/31/11          |
| Arkansas  | Fountain Creek Watershed Greenway and Flood Control District | Upper Arkansas River Basin  | Sep-10       | \$7,000          | \$28,000                  | \$35,000      | Nonconsumptive         | 121BC000009  | 4/1/12                  | 3/29/12           |
| Arkansas  | Purgatoire River Water 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  | Lower Arkansas Valley Water Conservancy District             | Colorado Water 2012   | Jan-12       | \$6,255          | \$0                       | \$6,255       | Education              | 131BC000005  | 8/31/12                 | 8/2/12            |
| Arkansas  | Lower Arkansas Valley Water Conservancy District             | Ag-Municipal Conservation Easement Demonstration  | Sep-12       | \$54,000         | \$216,000                 | \$270,000     | Agricultural           | C150512      | 12/30/12                | 12/31/12          |
| Arkansas  | Southeastern Colorado Water Activity Enterprise              | Arkansas Valley Conduit   | Mar-13       | \$0              | \$200,000                 | \$200,000     | Municipal & Industrial | C150406      |                         |                   |
| Arkansas Basin Total Request  |  |   |              | \$1,008,111      | \$2,220,802               | \$3,228,913   |                        |              |                         |                   |
| Number of Projects  |  |   |              | 21               |                           |               |                        |              |                         |                   |
| Arkansas/Colorado/Gunnison/Northern Platte/Rio Grande/Southern Platte/Metro                     | Pikes Peak Regional Water Authority                          | Basin Roundtable Project Exploration Committee: Flaming Gorge   | Sep-11       | \$23,000         | \$50,004                  | \$73,004      | Other                  | 131BC0000001 | 1/31/13                 | 1/31/13           |
| Arkansas/Colorado/Gunnison/Northern Platte/Rio Grande/Southern Platte/Metro Basin Total Request |  |   |              | \$23,000         | \$50,004                  | \$73,004      |                        |              |                         |                   |
| Number of Projects  |  |   |              | 1                |                           |               |                        |              |                         |                   |
| Arkansas/Metro  | El Paso County Water Authority                               | Flaming Gorge Project Task Force Assessment   | May-10       | \$60,000         | \$0                       | \$60,000      | Other                  | 110000000008 | 6/30/11                 | 6/30/11           |
| Arkansas/Metro Basin Total Request  |  |   |              | \$60,000         | \$0                       | \$60,000      |                        |              |                         |                   |
| Number of Projects  |  |   |              | 1                |                           |               |                        |              |                         |                   |
| 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                 |                   |



| Basin   | Applicant  | Name of Water Activity  | CWCB Meeting | Account Approved | Statewide Amount Approved | Total Request      | Type of Water Activity | Number       | Project Expiration Date | Final Date Closed |
|---|--|---|--------------|------------------|---------------------------|--------------------|------------------------|--------------|-------------------------|-------------------|
| Colorado  | Grand County   | Vail Ditch Project  | Mar-07       | \$0              | \$1,500,000               | \$1,500,000        | Agricultural           | C150409      | 6/30/08                 | 6/30/08           |
| Colorado  | Southeastern Colorado Water Conservancy District                         | Non-native Pteridophyte Trees & Mapping Project   | Mar-07       | \$0              | \$0                       | \$0                | Other                  | 8000000005   |                         | 6/30/09           |
| 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  | Bull Creek Reservoir Canal and Power Co.                                 | Bull Creek Reservoir No. 5 Spillway Adequacy Analysis   | Sep-07       | \$50,000         | \$0                       | \$50,000           | Agricultural           | 80000000039  | 6/30/10                 | 2/25/09           |
| Colorado  | Summit County  | Old Dillon Reservoir  | Mar-08       | \$100,000        | \$0                       | \$100,000          | Municipal & Industrial | 90000000026  | 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  | Ruedel Water and Power Authority   | Roaring Fork Watershed Assessment -Phase 2  | May-08       | \$40,000         | \$0                       | \$40,000           | Nonconsumptive         | 90000000049  | 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 | 90000000052  | 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         | 110000000126 | 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              | 110000000039 | 6/30/11                 | 6/28/11           |
| Colorado  | Grand River Ditch Company  | Grand River Ditch Pipeline  | Sep-10       | \$25,000         | \$0                       | \$25,000           | Agricultural           | 110000000097 | 6/30/11                 | 6/1/11            |
| Colorado  | Eagle Park Reservoir Company   | Enlargement of Eagle Park Reservoir   | Jan-13       | \$100,000        | \$400,000                 | \$500,000          | Municipal & Industrial | C150401      |                         |                   |
| <b>Colorado Basin Total Request</b>             |  |   |              | <b>\$975,171</b> | <b>\$2,227,900</b>        | <b>\$3,203,071</b> |                        |              |                         |                   |
| <b>Number of Projects 16</b>                    |  |   |              |                  |                           |                    |                        |              |                         |                   |
| Colorado/Yampa                                  | 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>\$0</b>       | <b>\$300,000</b>          | <b>\$300,000</b>   |                        |              |                         |                   |
| <b>Number of Projects 1</b>                     |  |   |              |                  |                           |                    |                        |              |                         |                   |
| Gunnison  | Upper Gunnison Water Conservancy District and Hinsdale County            | Lake San Cristobal Controlled Outlet Structure  | May-07       | \$35,000         | \$0                       | \$35,000           | Municipal & Industrial | 80000000021  | 6/30/13                 |                   |
| 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           | 80000000008  | 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 | 80000000007  | 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                |                   |
| Gunnison  | Project 7 Water Authority and Uncompangie Valley Water Users Association | Off-System Raw Water Storage Project 7 Water Authority/Uncompangie Valley Water Users Association           | Sep-07       | \$56,700         | \$0                       | \$56,700           | Municipal & Industrial | 80000000059  |                         |                   |
| 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                |                   |
| Gunnison  | Overland Ditch and Reservoir Company                                     | Overland Reservoir Dam Expansion/Restoration  | Sep-07       | \$0              | \$68,000                  | \$68,000           | Agricultural           | 80000000038  | 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 | 90000000041  | 6/30/11                 | 4/8/11            |
| Gunnison  | City of Ridgway  | Ridgway Ditch and Lake Otonawanda 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                             | Junata Reservoir Spillway Modification  | Mar-09       | \$97,000         | \$0                       | \$97,000           | Municipal & Industrial | 90000000088  | 6/30/10                 | 12/15/09          |
| Gunnison  | Painted Sky Resource Conservation and Development Council, Inc.          | Hartland Diversion Dam Fish Passage Feasibility Study   | May-09       | \$22,100         | \$0                       | \$22,100           | Nonconsumptive         | 90000000144  | 6/30/10                 | 1/25/10           |
| Gunnison  | City of Ouray  | Development of Augmentation Supplies  | May-09       | \$50,000         | \$0                       | \$50,000           | Municipal & Industrial | 100000000041 | 6/30/11                 | 6/30/11           |
| Gunnison  | Valley View Irrigation Association                                       | Valley View Irrigation Improvement  | Mar-11       | \$0              | \$0                       | \$0                | Agricultural           | 110000000127 | 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           | 121BC0000004 | 6/30/12                 | 6/30/12           |



| 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 |
|---|---|---|--------------|------------------------|---------------------------|--------------------|------------------------|-------------|-------------------------|-------------------|
| Gunnison                                | Painted Sky Resource Conservation and Development Council, Inc. | Harland Diversion Dam — Partial Dam Removal and Stabilization   | Sep-11       | \$0                    | \$0                       | \$0                | Nonconsumptive         | 121BC000008 | 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           | 121BC000022 | 12/31/12                | 11/13/12          |
| <b>Gunnison Basin Total Request</b>     |   |   |              | <b>\$554,055</b>       | <b>\$610,700</b>          | <b>\$1,264,755</b> |                        |             |                         |                   |
| <b>Number of Projects 16</b>            |   |   |              |                        |                           |                    |                        |             |                         |                   |
| Metro                                   | The Greenway Foundation   | Chaffield Reallocation EIS/FR (South Plate 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                                   | 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>\$718,360</b>       | <b>\$200,000</b>          | <b>\$918,360</b>   |                        |             |                         |                   |
| <b>Number of Projects 6</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 North Platte River Watershed                                       | Sep-08       | \$86,000               | \$96,000                  | \$182,000          | Nonconsumptive         | C150433     | 6/30/10                 | 7/28/10           |
| North Platte                            | Colorado State University                                       | Identification and assessment of important wetlands in N.P. River watershed   | Sep-08       | \$0                    | \$0                       | \$0                | 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           |
| <b>North Platte Basin Total Request</b> |   |   |              | <b>\$637,040</b>       | <b>\$96,000</b>           | <b>\$733,040</b>   |                        |             |                         |                   |
| <b>Number of Projects 6</b>             |   |   |              |                        |                           |                    |                        |             |                         |                   |
| Rio Grande                              | El Paso County Water Authority                                  | Alamosa River In-stream Flow Project  | Mar-07       | \$64,500               | \$0                       | \$64,500           | Nonconsumptive         | 70000000076 |                         | 6/30/08           |
| 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           | 80000000006 |                         |                   |
| 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           | 80000000060 |                         | 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                              | Platón 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           | 10000000001 | 12/31/09                | 12/8/09           |
| Rio Grande                              | Tincheria Irrigation Company                                    | Sangre de Cristo Tincheria Diversion Canal Restoration  | Sep-09       | \$50,000               | \$150,000                 | \$200,000          | Agricultural           | C150458     | 7/31/11                 | 10/22/10          |

WSRA COMPLETED PROJECTS

Updated 4/29/2013



| 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 |
|--|--|--|--------------|------------------------|---------------------------|--------------------|------------------------|--------------|-------------------------|-------------------|
| 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 - Sange 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           | 110000000109 | 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           | 110000000102 | 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           | 121BC000013  | 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              | 121BC000017  | 12/31/12                | 12/19/12          |
| Rio Grande                                   | Rio Grande County  | Rio Grande County Hydrogeologic Study  | Jul-12       | \$99,564               | \$0                       | \$99,564           | Other                  | 131BC000008  | 12/31/13                | 12/31/12          |
| <b>Rio Grande Basin Total Request</b>        |  |  |              | <b>\$1,227,614</b>     | <b>\$3,042,400</b>        | <b>\$4,270,014</b> |                        |              |                         |                   |
| <b>Number of Projects 24</b>                 |  |  |              |                        |                           |                    |                        |              |                         |                   |
| South Plate                                  | The Greenway Foundation                                    | Charfield Reallocation EIS/FR (Metro BRT contributing \$103,000)               | Mar-07       | \$27,000               | \$0                       | \$27,000           | Municipal & Industrial |              |                         |                   |
| South Plate                                  | Clear Creek County   | Clear Creek Water Bank/High Altitude Storage                                   | May-07       | \$52,000               | \$0                       | \$52,000           | Municipal & Industrial | C8000000037  |                         |                   |
| South Plate                                  | District 64 Reservoir Company                              | Ovid Reservoir Comprehensive Feasibility Study                                 | Sep-07       | \$176,000              | \$0                       | \$176,000          | Agricultural           | C150417      | 12/31/11                | 4/13/12           |
| South Plate                                  | Ducks Unlimited, Inc.                                      | Lower South Plate Wetland Initiative Phase I South Platte River, CO            | Sep-07       | \$0                    | \$278,476                 | \$278,476          | Nonconsumptive         | C150415      | 7/31/09                 | 7/31/09           |
| South Plate                                  | Northern Colorado Water Conservancy District               | Stage Discharge Data Loggers and Telemetry                                     | Jan-08       | \$48,800               | \$0                       | \$48,800           | Agricultural           | 80000000120  | 6/30/11                 | 6/28/11           |
| South Plate                                  | 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 Plate                                  | Ducks Unlimited, Inc.                                      | Central South Platte Wetland Partnership                                       | Mar-09       | \$150,000              | \$0                       | \$150,000          | Nonconsumptive         | C150454      | 6/30/11                 | 6/30/11           |
| South Plate                                  | 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 Plate                                  | Colorado Climate Center-CSU                                | Colorado Agricultural Meteorological Network (CoAgMet)                         | Jul-10       | \$20,000               | \$0                       | \$20,000           | Agricultural           | 11000000079  | 6/30/12                 | 6/30/12           |
| <b>South Plate Basin Total Request</b>       |  |  |              | <b>\$749,235</b>       | <b>\$774,781</b>          | <b>\$1,524,016</b> |                        |              |                         |                   |
| <b>Number of Projects 9</b>                  |  |  |              |                        |                           |                    |                        |              |                         |                   |
| South Plate/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 Plate/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              | 90000000019  |                         |                   |
| South Plate/Metro                            | Lost Creek Groundwater Management District                 | Lost Creek Aquifer Recharge and Storage Study                                  | Jan-09       | \$240,000              | \$0                       | \$240,000          | Municipal & Industrial | C150447      | 6/30/11                 | 9/27/11           |
| <b>South Plate/Metro Basin Total Request</b> |  |  |              | <b>\$462,407</b>       | <b>\$0</b>                | <b>\$462,407</b>   |                        |              |                         |                   |
| <b>Number of Projects 3</b>                  |  |  |              |                        |                           |                    |                        |              |                         |                   |
| Southwest                                    | San Juan Water Conservancy District                        | Dry Gulch Reservoir/San Juan Reservoir Land Acquisition                        | Mar-07       | \$0                    | \$0                       | \$0                | Municipal & Industrial | C150408      |                         | 12/17/08          |
| Southwest                                    | Goodman Point Water Association                            | Goodman Point Water Association Pipeline Environmental Assessment              | Mar-07       | \$7,700                | \$0                       | \$7,700            | Municipal & Industrial | 80000000075  |                         | 7/31/09           |
| Southwest                                    | Manacos Water Conservancy District                         | Jackson Gulch Reservoir Expansion Project                                      | Jul-07       | \$80,000               | \$0                       | \$80,000           | Municipal & Industrial | 80000000076  | 6/30/09                 | 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                 | 3/6/11            |



| 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 |
|-------------------------------|--|---|--------------|------------------------|---------------------------|---------------|------------------------|--------------|-------------------------|-------------------|
| Southwest                     | Bauer Lake 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 | 90000000006  | 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           | 90000000085  | 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 | 90000000127  | 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 | 90000000112  | 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 | 90000000143  | 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 Farmers 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           | 90000000115  | 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                     | 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       | 110000000028 | 9/30/12                 | 4/28/11           |
| Southwest                     | Marcos Conservation District   | Marcos River Diversion Project, Phase I   | Nov-09       | \$24,753               | \$0                       | \$24,753      | Nonconsumptive         | 100000000111 | 12/30/10                | 6/7/11            |
| Southwest                     | Marcos Valley Resources Inc.   | Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production          | Nov-09       | \$31,500               | \$0                       | \$31,500      | Agricultural           | 100000000125 | 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 | 100000000085 | 6/30/11                 | 6/30/11           |
| 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         | 121BC0000011 | 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         | 121BC0000005 | 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           | 121BC000014  | 8/31/12                 | 6/11/12           |
| Southwest                     | Montezuma Valley Irrigation Company  | Groundhog Reservoir Bathymetric Survey  | Mar-11       | \$0                    | \$0                       | \$0           | Agricultural           | 121BC0000003 | 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 | 110000000122 | 6/30/12                 | 3/16/12           |
| Southwest Basin Total Request |  |   |              | \$1,167,211            | \$1,575,000               | \$2,742,211   |                        |              |                         |                   |
| Number of Projects            |  |   | 27           |                        |                           |               |                        |              |                         |                   |
| Yampa/White                   | Upper Yampa Water Conservancy District   | Morrison Creek Reservoir Feasibility Study  | Jul-07       | \$49,500               | \$0                       | \$49,500      | Municipal & Industrial | 80000000058  | 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           | 90000000039  | 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              | 100000000050 | 6/30/10                 |                   |

WSRA COMPLETED PROJECTS

Updated 4/29/2013



| 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 |
|---------------------------------|--------------------------------------|--|--------------|------------------------|---------------------------|---------------|------------------------|--------------|-------------------------|-------------------|
| Yampa/White                     | Community Agriculture Alliance, Inc. | Development and Implementation of Water Forums, Workshop, and/or Tours           | Sep-09       | \$10,000               | \$0                       | \$10,000      | Education              | 100000000046 | 6/30/11                 | 12/31/10          |
| 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         | C160466      | 6/30/12                 | 6/30/12           |
| Yampa/White Basin Total Request |                                      |  |              | \$391,102              | \$98,835                  | \$489,937     |                        |              |                         |                   |

Number of Projects 8