



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

MARCH 2013

STATE OF COLORADO

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

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

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~INTERSTATE AND FEDERAL~

WESTERN STATES WATER COUNCIL WILL BE HELD IN DENVER IN APRIL: The Western States Water Council (“WSWC”) annual spring meeting will be held on April 4-5, 2013 at the Sheraton in Downtown Denver. On April 3, 2013, the Colorado Water Conservation Board will host a tour with the Council. This tour will feature stops at Chatfield Reservoir, Strontia Springs Reservoir, Confluence Park, and the Molson Coors facilities. More information about the WSWC and this set of meetings can be found at: <http://www.westernstateswater.org/171st-spring-council-meeting-april-3-5-2013-denver-colorado/> (*Ted Kowalski*)

~STATEWIDE~

GROUND WATER COMMISSION MEETING – The Ground Water Commission (GWC) held its quarterly meeting on February 15, 2013, in Denver, CO. The agenda items included routine reports and a presentation on 2012 ground water level measurements in the Designated Basins. The Ground Water Management Districts (GWMD) indicated that they intend to pursue, during the next legislative session, proposed legislation that would grant GWMD enforcement authority and the ability to impose fines. The Ground Water Commission will hold its next meeting on May 17, 2013 in Castle Rock, CO. For more information visit: <http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (*Suzanne Sellers*)

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 acquisition in the Cache La Poudre watershed is also in progress and the final deliverables should be available by the next report.

FY11 Activities: Risk Map projects for the St. Vrain and Clear Creek Watersheds is underway. Lidar data has been received by FEMA but break line data was deficient. FEMA’s vendor has provided additional break lines needed for analysis and our mapping partners are currently reviewing the data. Once this data has been reviewed, base map and hydrologic tasks will continue and the schedule will be updated as needed.

FY10 Activities: Work is underway for Chaffee, Logan and Pitkin Counties. Preliminary mapping for Pitkin County is almost completed. FEMA is awaiting a formal response from Pitkin County regarding the Redstone levee analysis. Hydraulic tasks and floodplain mapping tasks have been completed and are in review for Logan County. 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 will be making a decision by the next report.

The Prowers County DFIRM floodplain mapping tasks have been completed. Preliminary floodplain mapping is complete but not yet approved. There are three levees to analyze in the county and will be affected by the recent FEMA memo on de-accredited levees. The Town of Lamar and Grenada are in the process of assessing their levees. A new scope of work is in

progress to complete this project as a Partial Countywide DFIRM. The FEMA grant for this project has been extended to 2015 to complete the Partial Countywide DFIRM.

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 now in the post preliminary phase and in the 90 day appeal period.

The Pueblo County DFIRM scope of work has been altered to a Partial Countywide 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. 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 28th 2008.

FY 04/03 Activities: Boulder County maps became effective on December 18, 2012.

(Thuy Patton)

~COLORADO RIVER BASIN~

UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP: The Upper Colorado River Wild and Scenic Stakeholder Group held its regular meeting on January 7, 2013 in Summit County and its next regular meeting is scheduled for March 7, 2013 at the same location. The Stakeholder Group is working on monitoring efforts in the subject reaches; including gathering data collected by others (i.e. Colorado Parks and Wildlife fish biomass surveys) as well as collecting their own data (i.e. creel surveys and recreation surveys). A contractor has been hired to help ensure that future boating surveys are done in a manner that prevents bias and gathers adequate data to address the floatboating Outstandingly Remarkable Value (ORV). The Stakeholder group is also working on definitions for flushing flows and channel maintenance flows, their applicability to the ORVs and the information needed to inform the Stakeholder Group on their need. Lastly, 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*)

COLORADO RIVER RESERVOIR OPERATIONS: Colorado River reservoir operators and downstream irrigators continue to regularly discuss and coordinate planned operations, forecasts, and drought strategies. One option that will likely be exercised this year is relaxation of the call from the Shoshone Power Plant through a power interference contract. That option, other drought-related actions, snowpack levels and forecasts and other items were discussed at a meeting on March 13th. (*Michelle Garrison*)

PARADOX VALLEY UNIT: The Paradox Valley Unit of the Colorado River Basin Salinity Control Program ("CRBSCP"), located adjacent to the Dolores River in western Montrose County, is operated by the US Bureau of Reclamation. The unit intercepts highly saline brine in the shallow alluvial groundwater, preventing approximately 110,000 tons per year of salt from entering the Dolores River which would otherwise eventually reach Lake Mead and the Lower Basin. The intercepted brine is disposed into a deep limestone formation via the unit's three mile deep injection well. The injection well is predicted to reach its capacity and fail within the next 3-10 years. A recent 3.9 earthquake in the Paradox Valley has affected the operations of the unit, resulting in a temporary shutdown.

To address the eventual loss of the existing injection well, Reclamation has commenced a study of brine disposal alternatives, which will also include all necessary NEPA compliance (EA or EIS) to implement the selected alternative. During the recent NEPA scoping process Reclamation noted several possible brine disposal alternatives, including, but not limited to: installation of a second injection well, construction of solar evaporation ponds, and offsite disposal. The CWCB has accepted an invitation to be a cooperating agency on Reclamation's study and in the NEPA process. We will be working with EDO-DNR to coordinate our participation with DWR and CDPHE, who are also cooperating agencies. We will also be working closely with the CRBSC Forum and agencies from the other six Basin States. (*Steve Miller*)

GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP (AMWG) AND TECHNICAL WORK GROUP (TWG) MEETINGS: The Glen Canyon TWG meeting and annual reporting meeting were held on January 22-24, 2013, in Phoenix, AZ, and the annual winter meeting of the AMWG was held on February 20-21, 2013, also in Phoenix. The agendas focused on the initial monitoring results from the fall 2012 High Flow Experiment (HFE) release, which commenced on November 19, 2013, under the recently adopted HFE protocol. Other agenda items include budget issues, and the Long Term Experimental and Management Plan (LTEMP) process. Currently, the Bureau of Reclamation and the National Park Service are intending to hold a workshop in the summer of 2013 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 or <http://tempeis.anl.gov/index.cfm> (Ted Kowalski)

COLORADO RIVER BASIN STUDY EDUCATIONAL OUTREACH: In December 2012, the Colorado River Basin States (Basin States) and the Bureau of Reclamation (BOR) released the Colorado River Basin Study Report (Basin Study). In early 2013, the BOR and States' representatives have been attending various conferences and workshops to educate the water community about the contents of the basin study. Some of the more notable presentations have occurred at: 1) the workshops and the annual conference of the Colorado Water Congress on January 30-February 1, 2013, in Denver; 2) the IBCC March 5 meeting; and 3) the CLE International Colorado River Conference on March 14-15. In addition, we are in the process of making presentations around the State of Colorado at various roundtable meetings about the Basin Study. There are going to be three informational workshops as well. Presently, they are scheduled for March 25 from 1 pm-4 pm in Salt Lake City, UT, March 26 from 1 pm-4 pm in Phoenix, AZ, and April 3, from 1 pm-4 pm by webinar. For more information visit: <http://www.usbr.gov/lc/region/programs/crbstudy.html> (Ted Kowalski)

COLORADO RIVER WATER AVAILABILITY STUDY - PHASE II SCOPING: At the January 2013 Board meeting, the Board held a workshop on CRWAS Phase II Scoping. There is a draft scope of work on the CWCB website, and the CWCB Staff is actively seeking input about this draft scope of work from the Colorado River Basin roundtables, and the roundtables that depend on Colorado River supplies (the Platte, Metro, and Arkansas Roundtables). It is expected that a CRWAS Phase II Scope could be brought back to the Board for approval by this summer or early fall. (Ted Kowalski & Ray Alvarado)

~YAMPA/WHITE RIVER BASIN~

WHITE RIVER FLOW RECOMMENDATIONS, MANAGEMENT PLAN, AND PROGRAMMATIC BIOLOGICAL OPINION: CWCB staff continues to work with Recovery Program participants on the development of appropriate flow recommendations for the White River below the Colorado-Utah state line. Flows in the White River remain relatively natural due to the limited amount of storage in the basin. This results in less alteration to fish habitat and also less ability to provide water from storage to meet flow targets in dry years, which makes the White River different than other river basins in Colorado.

The Recovery Program intends to convene a workgroup to develop a Management Plan for the White River, similar to the one completed for the Yampa River several years ago. The workgroup should include representatives from the White River basin as well as program participants. Education and outreach with the Yampa/White Basin roundtable is also expected. CWCB staff will work with the Recovery Program on, and provide funding for, development of the Management Plan. The plan may include an estimate of future water development and will model impacts of depletions on streamflow in the White River. The USFWS will then assess the information in the Management Plan and issue a Programmatic Biological Opinion (PBO). A favorable PBO will provide Endangered Species Act (ESA) protection for existing water uses and streamlined ESA consultation for future uses throughout the basin. (Michelle Garrison)

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM - The Platte River Recovery Implementation Program (“Program”) did not hold a Governance Committee meeting since the last CWCB meeting. However, Suzanne Sellers participated in Technical Advisory Committee, Land Advisory Committee, Water Advisory Committee, and Finance Committee conference calls, workshops and meetings. The next Governance Committee meeting will be held on March 12-13, 2013 in Kearney, NE. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

SOUTH PLATTE WORKING GROUP II: Staff has participated in the South Platte Working Group since 2007, assisting in developing new ideas on how to manage the South Platte River below Chatfield Reservoir in Littleton, Englewood, and Sheridan within Arapahoe County. This group consists of elected officials, professionals, and other stakeholders. . Recently, CWCB staff and Urban Drainage and Flood Control staff have been working on securing approvals by the Corps of Engineers for various locally-initiated projects. Approvals and permits from these offices were received in February for river and habitat improvements in South Platte Park, which is a natural area upstream of the flood control project area owned and maintained by CWCB. Construction is anticipated to commence this year.

Farther downstream is the Downstream Control Project (owned and operated by the CWCB), where local stakeholders have requested staff to submit conceptual plans to the Corps to repair degraded structures, improve recreational opportunities, and enhance habitat and other natural features, while maintaining the flood-carrying capacity of the stream corridor. Local officials are considering addressing the Board when the project is farther along in the planning, design, and approval process. (*Joe Busto*)

~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

RIVER PROTECTION WORKGROUP: The River Protection Workgroup (RPW) Steering Committee held a brief conference call on March 4, 2013 and a regular meeting on January 24, 2013. The RPW Steering Committee’s next meeting is scheduled for April 2, 2013. The Steering Committee is beginning to plan the "Regional Discussion" which will take place after all five public workgroups are conducted for: Hermosa Creek; San Juan River - East and West Forks; Upper Animas River; Vallecito Creek/Pine River; and the Piedra River. The foundation for the Regional Discussion will be “Principles of a Good Solution.” The Steering Committee discussed the possibility of reaching an impasse and it was decided that a facilitator would be retained, if needed.

The proposed “Hermosa Watershed Protection Act”, a product of the Hermosa Creek RPW, was introduced to Congress by Senator Bennet in July 2012. The bill reflects a balance between conservation, economic development and other uses. The bill did not make it out of Committee during that session; however, it will be reintroduced during this session.

The RPW for the Animas River held regular meetings on January 17 and February 28, 2013 in Silverton, CO and its next meeting is scheduled for April 22, 2013 at the same location. It is expected that the group will conclude after one or two more meetings. At the January meeting, Suzanne Sellers of the CWCB staff presented information on the main stem hydrograph, water

right demands and the location of conditional storage rights and SWSI dam sites within the Animas River basin. The group also discussed ideas for proposals for protection on the main stem of the Animas River. During the February meeting, the group recognized that they will not come to consensus regarding suitability; however, they came to consensus on the potential use of county land use codes to protect scenic values.

The RPW for the Piedra River held meetings on January 15 and February 12, 2013 in Pagosa Springs, CO and its next meeting is scheduled for March 12, 2013 at the same location. It is expected that the group will conclude after one or two more meetings. At the January meeting, the work group completed the segment-by-segment analysis and began brainstorming and discussing various proposals for protection. At the February meeting, Steve Fearn of the Southwestern Water Conservation District (SWCD) presented information (prepared by Suzanne Sellers of CWCB Staff) on the location of conditional storage rights and SWSI dam sites within the Piedra River basin. A compromise is being considered 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. Another proposal being considered is the idea of increasing the minimum instream flows (ISF) and/or leasing water on the Piedra River and its tributaries in order to improve river and riparian health.

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

SOUTHWESTERN WATER CONSERVATION DISTRICT (SWWCD) ANNUAL SEMINAR: The SWWCD will be holding its annual seminar on April 5, 2013 in Durango, at the Doubletree Hotel. Some of the topics of this year's seminar include the Colorado River Basin Study, the current drought, water transfers, and state funding issues. (*Ted Kowalski*)

LOWER DOLORES WORKING GROUP UPDATE: As part of its education and outreach efforts on the A Way Forward ("AWF") Implementation, Monitoring and Evaluation Plan, the AWF Implementation Team has requested stakeholders to submit comments on the Plan to the Team by the end of March 2013. This year, the Lower Dolores Working Group Legislative Subcommittee intends to complete negotiating and drafting proposed legislation that would establish a National Conservation Area to protect the Outstandingly Remarkable Values identified by the BLM and USFS on the Dolores River. Issues that still need to be addressed in the draft legislation include boundaries of the NCA and language regarding flows and fish. The information on native fish status and needs provided by the AWF Study will help inform the legislative drafting. Additional information on the Lower Dolores Working Group can be found at <http://ocs.fortlewis.edu/drd/meetings.asp> (*Linda Bassi*)

~AGENCY UPDATES~

FUNDING ANNOUNCED FOR INVASIVE SPECIES MITIGATION: The CWCB and the Colorado Youth Corps Association (CYCA) have announced \$50,000 in funds for invasive plant species mitigation projects, which will be completed by five youth corps throughout Colorado this year. These projects are designed to control a variety of invasive phreatophyte plants – deep-rooted plants that obtain water from permanent ground supplies or from the water table –

including tamarisk, Russian olive and Siberian elm. The plants present a threat to Colorado's water supply that is needed by the state's native flora and fauna as well as by water recreation users on lakes and rivers. A full press release is included as Attachment 1. Also attached is an article from the CYCA's newsletter, regarding the 2012 Corpsmember of the Year, Daniel Griffin.

In all, 40 youth corps members will serve on these projects, which will reclaim 215 acres of property in protection efforts against invasive plant species. The five projects include:

- Frost Livestock Co. Phreatophyte Control Project (Mile High Youth Corps-Colorado Springs and Central Colorado Soil Conservation District)
- San Luis Valley Wildlife Refuge Complex Tamarisk Control Project (Southwest Conservation Corps-Los Valles and Friends of the San Luis Valley National Wildlife Refuge)
- Cameron-Sterk Invasive Removal Project (Southwest Conservation Corps-Four Corners and City of Durango Parks & Recreation Office)
- Cache La Poudre River Project (Weld County Youth Conservation Corps and Weld County Public Works)
- Hartnagle Project (Mile High Youth Corps and City of Boulder Open Space & Mountain Parks Dept.) (*Steve Miller & Tom Browning*)

LOAN REPAYMENT DELINQUENCY: Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2012 through February 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 eight months of Fiscal Year 2013 totaled 181. 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; however, due to financial reasons, a payment has been promised for this month. Thus, the on-time performance for the total repayments due was 98% in compliance or 2% not in compliance.

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

LOAN FINANCIAL ACTIVITY: Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2013 is detailed on the following attachment. Funds received relative to loans in repayment totaled \$26.0 M for this period. Funds disbursed relative to new project loans totaled \$10.1 M for this period. Net activity resulted in \$15.9 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 \$19.3 M in receivables and \$8.6 M in disbursements for a total net activity of \$10.7 M received over

disbursed. The STTFPBA consists of \$6.7 M in receivables and \$1.5 M in disbursements for a total net activity of \$5.2 M received over disbursed. *(Steve Biondo)*

COLORADO FOUNDATION FOR WATER EDUCATION - 2013 LEGISLATIVE

LUNCH: On Wednesday, February 27th the Colorado Foundation for Water Education held its annual legislative lunch, focused on “Coping with Drought”. As an effort to engage legislators in water issues, this year’s event was extremely successful with about 55 people in attendance, including almost 25 legislators. The legislators were thoroughly engaged by presentations by Justice Gregory Hobbs (Colorado Supreme Court), Greg Baker (Aurora Water), Nolan Doesken (State Climatologist), and Nick Colglazier (Colorado Farm Bureau). Topics included: Drought in Colorado – a Recurring Cycle; How Colorado Municipalities Cope with Drought; and How Colorado Agriculture Copes with Drought. The session culminated in an extended and thoughtful question & answer session on current Colorado water issues with the legislators. *(Greg Johnson)*

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/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
5-12CW189	Doris J. Allen-Kirchner Revocable Trust & the John P. Kirchner Revocable Trust	Colorado River/ 5-11CW160	650 cfs (summer) 525 cfs (winter)	0.00306 % 0.00098 %	0.00414 % 0.00104 %	2
5-12CW189	Doris J. Allen-Kirchner Revocable Trust & the John P. Kirchner Revocable Trust	Colorado River/ 5-11CW161	800 cfs (summer) 650 cfs (winter)	0.00248 % 0.00079 %	0.00336 % 0.00084 %	2
5-12CW190	C Lazy U Ranch Holdings, LLC	Colorado River/ 5-90CW300	40 cfs (summer) 20 cfs (winter)	0.01325 % 0.02650 %	0.24742 % 0.37850 %	23

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

Three grant applications were received, considered & reviewed since the January 2012 Director’s Report

- **Center for Resource Conservation** – Impact Analysis of Efficiency Programs & Efficiency Web Tool
- **City of Ouray** – Water Efficiency Plan
- **Green Industries of Colorado** – Drought Educational Materials

One grant has been approved since the last Board meeting:

- **City of Ouray** – Water Efficiency Plan (\$35,000)

Deliverables to the CWCB are as follows:

- **North Table Mountain Water & Sanitation District** – Rebate Program – *submitted Final Report*
- **City of Evans** – Drought Management Plan – *submitted 75% Progress Report*
- **Little Thompson Water District** – Water Rate Study – *submitted Final Report (Ben Wade)*

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

DROUGHT MANAGEMENT PLANS

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.
- **City of Dacono** (*Taryn Finnessey & Ben Wade*)

WATER EFFICIENCY PLANS

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 Westminster**
- **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.
- **Southeastern Colorado Water Conservancy District** – The CWCB received the Arkansas Valley Conduit Regional Water Efficiency Plan for review on November 28, 2012 and is almost complete. The plan is out for public comment at present time.

CWCB Staff also traveled to Gunnison, CO to meet with members of the Upper Gunnison Water Conservancy District to discuss their approach to their regional water efficiency plan and to brainstorm on some ideas of how to carry it out. The meeting was very productive.

A copy of the FY11-12 Water Efficiency Grant Annual Report will be inserted into the Board Members' notebooks and an electronic PDF version will also be available via Dropbox. *(Kevin Reidy & Ben Wade)*

GOVERNOR'S WATER AVAILABILITY TASK FORCE: The next Water Availability Task Force will be on March 21, 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 Feb. 27, 2013 after a hiatus. Staff discussed the CWCB's short term plans that will involve the WCTAG over the next year to 3 years. This includes the review and testing of the 1051 Data Collection Web Portal and Database, upcoming CWCB Water Efficiency Planning Workshops, and the role of the WCTAG in the upcoming SWSI 2016 update. The group was in agreement with these initiatives but cautioned about how much time they would have available to address ongoing drought conditions. The suggestion was made to use the group to discuss technical issues regarding drought response and possibly as a forum to study and evaluate the effect of water restrictions on demand reduction. *(Kevin Reidy)*

TEXAS DROUGHT SUMMIT: CWCB Staff attended a Drought Summit in Austin Texas which was a performance review of the Texas Emergency Drinking Water Task Force, and examination of how the Task Force will deal with the likelihood of the drought not only extending but worsening in the next year. This was an excellent opportunity for the State of Colorado to understand the challenges Texas has faced concerning municipal water supplies in 2011 and 2012 and how they are preparing to move forward. The Texas Division of Emergency Management has conducted unprecedented planning exercises around the possibility of a municipal water provider running out of supply, and this summit was an invaluable opportunity for Colorado to learn from our neighbors' experience. *(Taryn Finnessey)*

IBCC WATER CONSERVATION SUB-COMMITTEE MEETING: The Water Conservation Sub-Committee met on February 28, 2013 to revisit the action items in the Letter to the Governors from December 2010 concerning water conservation. The group strategized on

ways to implement some of the short term items in the letter and new possible ways to characterize water conservation moving forward. A meeting is scheduled for early April. (*Kevin Reidy*)

MUNICIPAL DROUGHT RESPONSE SUPPORT: With reservoir storage at 69% of average statewide and below 50% for many providers, it is likely that many municipal providers will begin to see increased impacts and may need to implement their own response actions this spring and summer. To support this effort the state has built a website that will include a search feature where individuals can find out how their specific providers are responding to the drought. The site will not attempt to reproduce any drought messaging but rather act as a landing page where individuals or businesses can search, by zip code, and then be redirected to the specific drought response page for their water provider. The CWCB's hope is that having a central landing page that media can relay to the public, will help to provide more accurate information and reduce the confusion experienced in 2002 when only the restriction and messaging of the largest providers were reported. Many water providers have already agreed to participate and have provided data. CWCB hopes to launch the site on March 21, at that time Staff will also reach out to the media to announce the site.

CWCB will also utilize Twitter to communicate and message to the media throughout the drought. (*Taryn Finnessey*)

WATER EFFICIENCY PLANNING PRESENTATIONS: On February 11, 2013 CWCB Staff presented an overview of CWCB's water efficiency planning initiatives to a CU-Boulder Geography class (Western Water). On February 8, 2013 staff and Beorn Courtney (Headwaters Corp.) presented to a number of 4th grade classes at Indian Ridge Elementary in Centennial, CO regarding rain water harvesting. The classes have entered a national competition to choose a policy area and present their arguments for changing those policies to the Colorado Legislature. The school is arguing for making rainwater harvesting legal in Colorado. (*Kevin Reidy*)

SMALL PROVIDER RESEARCH: Emily Orbanek, with El Pomar Research Associates, is continuing her work on surveying water providers who fall between 1000-2000 AF of annual demand. The survey is almost complete and ready to be implemented. The survey encompasses questions regarding water system details, customer category, general demand, water conservation programs and drought response. (*Kevin Reidy*)

REQUEST FOR WATER 2013: The Colorado Water Trust ("CWT") launched the "Request for Water 2013" Program on March 6 via an email blast and press releases. Similar to last year, the CWT will accept and review offers of water for temporary leases for instream flow use and coordinate with CWCB staff on submitting requests to the Division of Water Resources for approval of such leases. The Program deadlines for submitting offers of water for the leases are March 29 and May 3, 2013. Information on Request for Water 2013 can be found at <http://www.coloradowatertrust.org/campaigns/request-for-water-2013>. (*Linda Bassi*)

AMERICAN FISHERIES SOCIETY MEETING: Staff from the Colorado Attorney General's Office, Colorado Parks and Wildlife, and CWCB's Stream and Lake Protection Section gave presentations on Colorado water law, instream flow quantification methodologies, and an overview of Colorado's Instream Flow Program at a continuing education workshop given by the Colorado and Wyoming chapters of the American Fisheries Society on February 25,

2013. Tom Annear of the Wyoming Game and Fish Department spoke on the same topics from Wyoming's perspective. The workshop provided an opportunity for fishery biologists to learn about the ISF Program and compare challenges and achievements in the two states. (*Linda Bassi*)

WEATHER MODIFICATION UPDATE: Weather modification grants for this year included \$175,000 of funding from the Construction Fund and \$150,000 of funding from lower basin states. This winter the CWCB had \$175,000 and the Lower Basin provided \$150,000 for grants to local cloud seeding. Of these funds, \$80,000 was provided to Grand River to assist the Central Mountains Program, sponsored by the Front Range Water Council and four Summit county ski areas. In addition, \$35,000 was provided to the Water Enhancement Authority for the Grand Mesa program, \$55,000 was provided to Gunnison County, and \$107,000 was provided for activities in the San Juan Mountains. In addition, the CWCB recently executed a new five year agreement with the New Mexico Interstate Stream Commission.

Staff is working with seeding programs to be in compliance with the "2012 Colorado Weather Modification Rules". These rules require target/control relationships in seeded and non-seeded areas for all the permitted programs in the annual reports to the State. These evaluations are ongoing. (*Joe Busto*)

COMMUNITY ASSISTANCE PROGRAM UPDATES: The Certified Floodplain Manager (CFM) Exam and Refresher Course will be offered in Grand Junction on April 24th and 25th by the CWCB and the Colorado Association of Stormwater and Floodplain Managers. The Refresher Course is designed to provide an organized training opportunity for local officials responsible for administering local floodplain management regulations. The course will focus on the National Flood Insurance Program (NFIP) and concepts of floodplain management, maps and studies, ordinance administration, and the relationship between floodplain management and flood insurance. The CFM Exam measures knowledge of a community's responsibilities under the NFIP and related floodplain management topics. (*Jamie Prochno*)

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), 32 communities have adopted regulations consistent with the Rules, and another 48 drafts have been reviewed. Staff continues to work closely with the remaining 165 communities. In addition, one non-participating community has adopted new floodplain regulations and is considering joining the NFIP. (*Jamie Prochno*)

CENTRAL STATES PRECIPITATION FREQUENCY ATLAS NEARING COMPLETION: The National Oceanic and Atmospheric Administration (NOAA) is nearing completion of their Central States Precipitation Frequency Atlas, which updates design rainfall values for Colorado and ten other Midwestern states. This document will provide updated rainfall values for storm durations ranging from 5 minutes to 60 days and return intervals from 1-

year to 1000-years for locations statewide. Prior to this issuance, infrastructure design continues to use values from a similar document published in 1973. The CWCB provided significant funding for Colorado's portion of this project, and staff worked closely with NOAA as a technical resource.

This project incorporated new data analysis, including information from new reporting stations as well as an additional 40 years of record from previously reporting stations. In addition, new statistical analysis processes were used that have proven more reliable than those used in past analyses.

The final outcome of this work is new design rainfall information that is primarily used for infrastructure design related to flood control and drainage. This will result in safer, more accurate, and more cost-effective designs throughout the state for projects as diverse as on-site drainage detention, highway bridges and culverts, stream channelizations, and floodplain mapping.

A review group was created to provide a local peer review for Colorado's portion of this project. The group includes CWCB staff, the state climatologist, meteorologists from the National Weather Service's local forecast offices, and professionals and local officials from various areas of the state, and was convened on February 25, 2013 to provide formal feedback to NOAA heading into final report development.

Although the report is still being finalized, initial indications show most of the Front Range and near-Northeastern plains as increasing in design rainfall values, while the far eastern plains, and most of western Colorado either remain consistent with historic values or drop slightly. There are localized exceptions to these generalizations, however.

It is extremely important to note that this information generally characterizes expected intensities and durations of single storms, and is not necessarily related to more generalized climatological tendencies, such as annual rainfall for a particular area. This information is most applicable to drainage and flood control work, as opposed to general water resource planning.

It is anticipated that the final report will be release in March or April, 2013. (*Kevin Houck*)

INVASIVE PHREATOPHYTE CONTROL PROGRAM (IPCP) 2013 APPLICATIONS:

Staff received 10 applications requesting \$713,000 by the December 15, 2012 deadline. The applications were reviewed and scored by Chris Sturm (CWCB), Steve Ryder (Colorado Dept of Agriculture), Shannon Hatch (Tamarisk Coalition), and John Giordanengo (Wildlands Restoration Volunteers). The review committee met on January 28, 2013 to discuss the applications. Seven applications were recommended for full or partial funding. Details can be found in the table labeled Attachment 7. Applicants were notified of the funding recommendations on January 31, 2012. (*Chris Sturm*)

RAINWATER HARVESTING PILOT PROJECT UPDATE: As the March 1 deadline for new pilot project applications has passed, Sterling Ranch is the only active pilot project at present time. Sterling Ranch has generated initial results from their demonstration site in terms of irrigation application rates for the demonstration gardens and metered amounts of water that came into their cisterns. Additionally, Sterling Ranch is quantifying pre-development return flows from precipitation to create a plan that protects existing water rights. They installed a

weather station (ET and precipitation) in March 2010, began monitoring surface water runoff in June 2011 and installed groundwater monitoring wells in September 2011. The project will continue with monitoring as part of the pilot project. (*Kevin Reidy*)

UNIVERSITY OF DENVER ANNUAL WATER LAW SYMPOSIUM: On April 12, 2013, the University of Denver Water Law Review will be holding their Annual Symposium at the Sturm College of Law. The focus of this year's event will be the Colorado River Basin Supply and Demand Study. Director Gimbel and Ted Kowalski will be among the slate of speakers, with a keynote address by Anne Castle, Assistant Secretary for Water and Science, Department of the Interior. More details are available at <http://duwaterlawreview.com/symposium-2012-2/>. (*Brent Newman*)

~ATTACHMENTS~

- **01 Colorado Youth Corps Association Press Release**
- **02 “Daniel Griffin: Taking On the World with New Eyes” – Article from CYCA Newsletter**
- **03 Finance – Current Prequalified Project List and Loan Prospect Summary**
- **04 Finance – Financial Activity Report**
- **05 Finance – Design and Construction Status Report**
- **06 Instream Flow and Natural Lake Level Program – Summary of Resolved Opposition Cases**
- **07 Invasive Phreatophyte Control Program – 2013 Applications**



FOR IMMEDIATE RELEASE

Colorado Youth Corps Association and Colorado Water Conservation Board Fund Projects
\$50,000 Grant Hires Young People to Fight Invasive Plants, Protect State's Water Resources

February 26, 2013, Denver, Colo. – The Colorado Youth Corps Association (CYCA) and the Colorado Water Conservation Board, a division of the Department of Natural Resources, announce they are funding invasive plant species mitigation projects throughout Colorado in an effort to preserve and protect the state's water resources. Five projects in 2013, funded through a \$50,000 grant, will be conducted by CYCA-accredited youth conservation corps in conjunction with project sponsors in five counties throughout the state.

The projects are designed to control a variety of invasive phreatophyte plants – deep-rooted plants that obtain water from permanent ground supplies or from the water table – including tamarisk, Russian olive and Siberian elm. These plants present a threat to Colorado's water supply that is needed by the state's native flora and fauna as well as by water recreation users on lakes and rivers.

The goals of these funds are to provide job training and experience for Colorado's youth and young adults and to support the invasive control efforts of land owners who have limited resources to accomplish the projects.

In all, 40 young people, ages 16 to 25, will serve on these projects, which will reclaim 215 acres of property in protection efforts against invasive plant species.

"The thoughtful management of Colorado's water resources is critical to our state's well being, and eradicating certain non-native plants that deplete those resources is an important effort," said Tom Browning, assistant director of the Colorado Water Conservation Board. "With the help of youth corps across the state, we're confident that the threat posed by these invasive species can be addressed in a meaningful way. We really appreciate the youth corps working with us on such a vital undertaking."

CYCA and the Colorado Water Conservation Board had received requests for \$90,000 in projects around the state. The funded projects are located on two private properties, one federal property and two local government properties in five Colorado counties. They include:

- **Frost Livestock Co. Phreatophyte Control Project (Mile High Youth Corps-Colorado Springs and Central Colorado Soil Conservation District)**
 This project seeks to eradicate tamarisk and Russian olive populations through cutting and stump treatment in a riparian area of the Fountain Creek Watershed on land owned by the Frost Livestock Company (Frost Ranch). The ranch is part of a conservation trust agreement with the

Colorado Open Lands Conservation Trust and is a partner of the U.S. Fish and Wildlife Service and the Central Colorado Soil Conservation District. A member of the Arkansas Valley Organic Growers, the ranch serves as a local food source.

- **San Luis Valley Wildlife Refuge Complex Tamarisk Control Project (Southwest Conservation Corps-Los Valles and Friends of the San Luis Valley National Wildlife Refuge)**
The newly established Baca National Wildlife Refuge has 70+-acre area containing a moderate dispersion of tamarisk (an estimated 10,000 plants) in sensitive playa wetland habitats. The timing of this project is critical because currently, the tamarisk invasion is only light to moderate, providing an opportunity to eradicate it before it gets established. Collaborating with the youth corps crew, refuge staff anticipates successful removal of all young tamarisk within this area.
- **Cameron-Sterk Invasive Removal Project (Southwest Conservation Corps-Four Corners and City of Durango Parks & Recreation Office and La Plata Open Space)**
This project will implement habitat restoration treatments along the Animas River in the City of Durango. The main objective is to employ youth crews to remove and chemically treat invasive, non-native woody species, Russian olive and Siberian elm from 43 acres of riparian habitat on the Cameron-Sterk property, a future recreation and conservation area along the Animas River.
- **Cache La Poudre River Project (Weld County Youth Conservation Corps and Weld County Public Works)**
Weld County Youth Conservation Corps will work in collaboration with Weld County Public Works and Weld Weeds to remove all phreatophyte species along the Cache La Poudre River, of which a large section is losing native plant species to non-native phreatophytes, such as Russian olive and tamarisk. The crew will stump-cut and spray the phreatophytes, starting the removal process at 35th Avenue in Greeley and working east toward the Cache La Poudre River/Platte River confluence.
- **Hartnagle Project (Mile High Youth Corps and City of Boulder Open Space & Mountain Parks Dept.)**
Mile High Youth Corps and the City of Boulder Open Space and Mountain Parks will remove invasive Russian olive trees from riparian zone along Boulder Creek. The project will consist of removing trees with chainsaws and chipping materials on site. This project is part of a larger regional plan to restore the native plant communities along Boulder Creek, which will impact several critical plant and animal species.

Projects chosen for this funding provide significant riparian ecosystem benefits through phreatophyte control activities, either on areas owned and used by the public, or on private properties where public values are protected through conservation easements or other arrangements.

Rusty Lloyd, program director for the Tamarisk Coalition, said, "What a tremendous collaboration between the Colorado Water Conservation Board and the Colorado Youth Corps Association. These funds are a great investment into our precious natural resources, as well as an investment into our other precious resource – youth. It is reassuring that investments are being made to better sustain quantity and quality of water resources here in Colorado, while at the same time, providing employment opportunities to the future stewards of those resources."

“Water conservation, recreation opportunities and wildlife habitat are important for our state, and our corpsmembers offer a valuable asset in helping to conserve them,” said Jennifer Freeman, CYCA’s executive director. “Our state’s young people not only gain training, education and AmeriCorps Education Awards for college or trade school, they are able to make meaningful contributions to our state’s communities. We’re thankful that the Colorado Water Conservation Board had the vision and foresight to not only foster these land improvements but to simultaneously give opportunities to young Coloradans.”

An [online photo gallery](#) featuring youth corps working on invasive tamarisk and Russian olive tree control projects is available on CYCA’s Facebook page.

About Colorado Youth Corps Association

The Colorado Youth Corps Association (CYCA) is a statewide coalition of 10 accredited youth conservation corps that engage and train youth, young adults, and military veterans on land, water and energy conservation projects. Youth corps is a proven strategy for engaging young people in service to their communities and stewardship of their environment while cultivating valuable skills to meet the challenges of the 21st century. For more information about CYCA or the statewide youth corps coalition, visit www.CYCA.org.

About Colorado Water Conservation Board

The Colorado Water Conservation Board (CWCB) was established in 1937 to guide the development and protection of water resources for the benefit of present and future Coloradans. Through policy implementation, financial support for water projects, and participation in statewide as well as nationwide programming, the CWCB strives to most effectively utilize this valuable resource. This 15-member board and professional staff work with the federal government, neighboring states, and water users within Colorado to strike a balance between necessary development and environmental protection. The CWCB serves as Colorado’s primary guide for water policy in all of the state’s river basins, as well as administration of major compacts, decrees, and treaties.

###

Media Contact:

Jennifer Freeman, Colorado Youth Corps Association
720-273-9861 / JFreeman@CYCA.ORG

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Daniel Griffin: Taking On the World with New Eyes

When Daniel Griffin started working with Mile High Youth Corps (MHYC) as an energy conservation corpsmember, he was unsure whether he would make it through the 22-week program. He was a quiet and shy person with a strong work ethic, but was hesitant to take on any kind of leadership. Grieving from the recent loss of his mother, Daniel was withdrawn and had difficulty interacting with people he didn't know.

But after two years with MHYC, Daniel had been promoted to assistant crew leader for the water conservation crew and found himself thriving in the corps environment.

February 27,
2013

In This Issue...

- [Daniel Griffin: Taking On the World with New Eyes](#)
- [Water Conservation: A Mile High Effort](#)
- [\\$50,000 Grant Fights Invasive Plants, Protects Water Resources, Hires Youth](#)
- [Champions and](#)



State Rep. Crisanta Duran recently honored Daniel as a 2012 Corpsmember of the Year at the state capitol.

"After making it through my first term, I knew that Mile High Youth Corps was not just a job for me," he says, explaining that in addition to receiving valuable training, he learned the importance of providing service to his community. Daniel was honored earlier this month by CYCA as a 2012 Corpsmember of the Year at a ceremony at the state capitol.

"One of my most memorable experiences was when I was doing an energy audit for an elderly woman. She was so appreciative of our services that she repeatedly thanked us and was so happy that she was crying. It was humbling and impactful to see what a difference a kind gesture can make," Daniel says. One of Daniel's responsibilities on the crew involved installing high-efficiency toilets to help decrease water costs for low-income residents. "My favorite thing is when I encounter a client who bursts into tears of joy when we install a brand new water-efficient toilet," he says.

[Corpsmembers](#)

[Honored at](#)

[the State](#)

[Capitol](#)

- [BLM Report](#)

[Highlights](#)

[Career](#)

[Pathways for](#)

[Young People](#)

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Media

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The Coloradoan

[Teen's Journey from Terror Leads to State Award](#)

Colorado Springs Gazette

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Daniel has been an exemplary role model among his peers, demonstrating a passion for service and dedication to his own personal and professional growth. While Daniel was dealing with significant personal challenges outside of the corps, he never let that affect his drive to make the most out of his experience. This was evident in Daniel's continuous efforts to push himself outside of his

comfort zone in order to become a more confident and vocal leader.

Photo: Daniel installs a high-efficiency toilet in the home of a low-income resident.

"Occasionally, you meet a person whose personality is an indicator of their ability to change the world. Daniel is one of those people," said Rebecca Revoal, water conservation crew leader for MHYC. "He came to Mile High Youth Corps without truly knowing what he was getting into. In his four terms, he has impacted the lives of thousands of Denver residents and mentored his peers along the way. He consistently takes the initiative to solicit feedback and asks questions to further develop his interpersonal, professional, technical, and leadership skills, as he is determined to be the best that he can at all times."

During his term of service, Daniel participated in 40 hours of BPI (Building Performance Institute) weatherization training, represented MHYC at a youth summit in Washington, D.C., and facilitated stress management trainings for his peers – one of whom said, "Daniel taught the team that everyone has the ability to shine."



Daniel also earned more than \$8,000 in AmeriCorps Education Awards. He is planning to use these funds to pursue a degree in radiology. As for the future, Daniel would like to pursue a career in government, with hopes of one day working for the Central Intelligence Agency. He says, "I feel now that I

can take on the world with new eyes."

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Anna Mauss, P.E.
Finance Section

DATE: March 8, 2013

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

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

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
Previously Approved Applications						
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
Stonagate 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
San Luis Valley Water Conservancy District	Anaconda Water Rights Purchase	January 1, 2013	Rio Grande	This project is the purchase of water rights to add to the District's blanket augmentation plan for domestic, commercial, and industrial wells in the San Luis Valley.	\$935,000	\$831,000
To be presented to board at the March 2013 meeting.						
Santa Maria Reservoir Company	Rehabilitation of Santa Maria Dam	November 1, 2012	Rio Grande	The Company is planning on repairing Continental Reservoir's dam to remove a 15K AF SEO storage restriction and improve the conveyance system between Continental Reservoir and Santa Maria Reservoir.	\$4,700,000	\$2,820,000
Phase I of this project will be presented to board at the March 2013						

Boxelder Basin Regional Stormwater Authority	East Side Detention Facility	July 1, 2012	South Platte	The Authority (City of Ft. Collins, Larimer County, and Town of Wellington) is planning on constructing regional stormwater improvements to reduce the threat of flooding and remove areas from the FEMA floodplain in the Boxelder Creek basin. The detention facility will provide 1,800 AF of detention.	\$13,700,000	\$12,300,000
Boxelder Basin Regional Stormwater Authority	Larimer-Weld Canal & Boxelder Creek Crossing Structure	July 1, 2012	South Platte	Through this project, the Authority is planning on building a crossing structure to convey the 100 year flows from Boxelder Creek across the Larimer-Weld Canal.	\$2,200,000	\$1,980,000
Catamount Metropolitan District	Catamount Hydroelectric Project	March 1, 2012	Yampa/White	The District intends to add a 695kW hydroelectric facility to the existing Lake Catamount Dam.	\$4,600,000	\$4,140,000
Missouri Heights Mountain Meadows Irrigation Company	Ditch Lining Project	September 1, 2012	Colorado	This project involves lining one mile of ditch to prevent seepage losses. (Project to remain on list for one more year based on input from Company.)	\$450,000	\$405,000
Totals					\$150,720,000	\$96,776,000

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					
		B.H. Eaton Ditch Co (Windsor)	Pipeline & Diversion Structure	\$1,000,000	\$1,000,000
		Louden Irrigation & Reservoir Co	Ditch Improvements	\$500,000	\$500,000
		Greeley –Loveland Irrigation Co.	Augmentation Structure		\$500,000
	Aug-12	North Poudre Irrigation Company	Dam Rehabilitation		\$3,000,000
		Town of Byers	Well & Pipeline		\$700,000
		Town of Johnstown	Kauffman Reservoir Purchase		\$5,000,000
	Apr-11	Boulder Left Hand Irrigation. Co	Ditch Piping (2012)		\$300,000
	Jan-11	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	Oct-11	NISP Participants	NISP		\$30,000,000
	Oct-11	Chatfield Reallocation Participants	Chatfield Reallocation Participants		\$40,000,000
	Dec-11	Pinehurst Country Club	Harriman Reservoir	\$5,000,000	\$500,000
	Feb-12	McKay Lateral	Ditch Lining Project		\$50,000
	June-12	Foothills Park & Recreation	Reservoir Expansion	\$1,000,000	\$900,000
	Oct - 12	Shamrock Irrigation Company	Reservoir Rehabilitation		\$100,000
				TOTAL	\$85,550,000
Arkansas					
	Jan-11	Upper Arkansas WCD	Trout Creek Reservoir	\$3,000,000	\$3,000,000
		Cherokee Metro District	Wells and Pipelines	\$800,000	\$800,000
	Sep-11	Ditch and Reservoir company	Big Johnson Reservoir		\$8,000,000
	Aug-12	Town of Ordway	Reservoir Rehab		\$2,000,000
	Oct-11	Lower Arkansas Water Mgmt Association	Water Rights Purchase		\$7,500,000
	Oct-12	Highline Canal Company	Water Rights Purchase	\$4,500,000	\$4,100,000
	Feb-12	Colorado City Metro District	Beckwith Dam Repair		\$500,000
				TOTAL	\$25,900,000

San Miguel/Juan					
		Farmers Water Development Co	Gurley Reservoir Enlargement	\$5,000,000	\$5,000,000
	Feb-11	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				TOTAL	\$5,200,000
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
				TOTAL	\$8 40,000
Gunnison					
	Oct-12	Fire Mountain Canal & Reservoir Co.	New Reservoir		\$500,000
	Oct-11	Hinsdale County/Lake City	Lake San Cristobal Dam/Spillway		\$500,000
				TOTAL	\$1,000,000
Rio Grande					
	Mar-12	Fuchs Reservoir Company	Reservoir Rehabilitation		\$100,000
				TOTAL	\$100,000
Yampa					
				TOTAL	\$0

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

Recent inquiries:

- Farmers Reservoir Company – Measuring devices for ditch system
- Columbine Ranches Property Owners Association – Water Rights Purchase
- Cross Creek Metro District – Reservoir Rehabilitation
- Headgate 545 Co-op – Lateral piping project
- Falcon Ditch – Ditch lining/piping
- Town of Walsenberg – Dam rehabilitation projects
- Boulder and Left Hand Irrigation Company – Ditch rehabilitation
- Grand Mesa Water Conservancy District - Dam rehabilitation project
- Town of Windsor – Gravel pit storage project

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	\$ 163,178	\$ 125,257	\$ 288,435	\$ 2,016,765	\$ (1,728,331)
March 2013	\$ -	\$ -	\$ -	\$ -	\$ -
April 2013	\$ -	\$ -	\$ -	\$ -	\$ -
May 2013	\$ -	\$ -	\$ -	\$ -	\$ -
June 2013	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2013 Totals	\$ 15,241,836	\$ 4,100,055	\$ 19,341,890	\$ 8,672,294	\$ 10,669,597

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	\$ -	\$ -	\$ -	\$ -	\$ -
April 2013	\$ -	\$ -	\$ -	\$ -	\$ -
May 2013	\$ -	\$ -	\$ -	\$ -	\$ -
June 2013	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2013 Totals	\$ 1,989,784	\$ 4,664,462	\$ 6,654,246	\$ 1,450,802	\$ 5,203,444
GRAND TOTALS	\$ 17,231,620	\$ 8,764,517	\$ 25,996,137	\$ 10,123,095	\$ 15,873,041

STATE OF COLORADO

Colorado Water Conservation Board
Department of Natural Resources

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 Denver, Colorado 80203
 Phone: (303) 866-3441
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TO: Colorado Water Conservation Board Members

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

DATE: March 4, 2013

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

John W. Hickenlooper
 Governor

Mike King
 DNR Executive Director

Jennifer L. Gimbel
 CWCB Director

The CWCB Loan Program has Substantially Completed twelve projects in Fiscal Year 2012-13 as shown in Table 1. There are currently 47 projects authorized to receive loan funding totaling \$179 million. There are 38 projects currently under contract and in the Design and Construction phase totaling \$88 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

	Borrower	Project	County	Loan	Complete
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
		Total		\$88,623,000	

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]

**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%

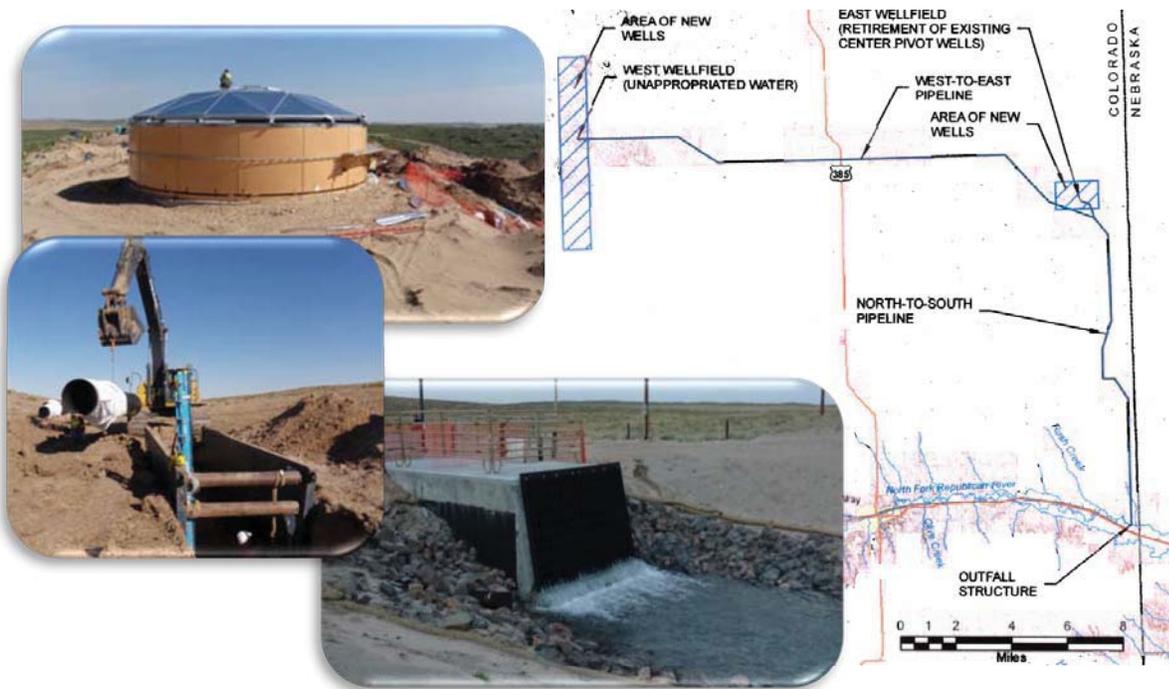
Substantial Completion: September 1, 2012

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

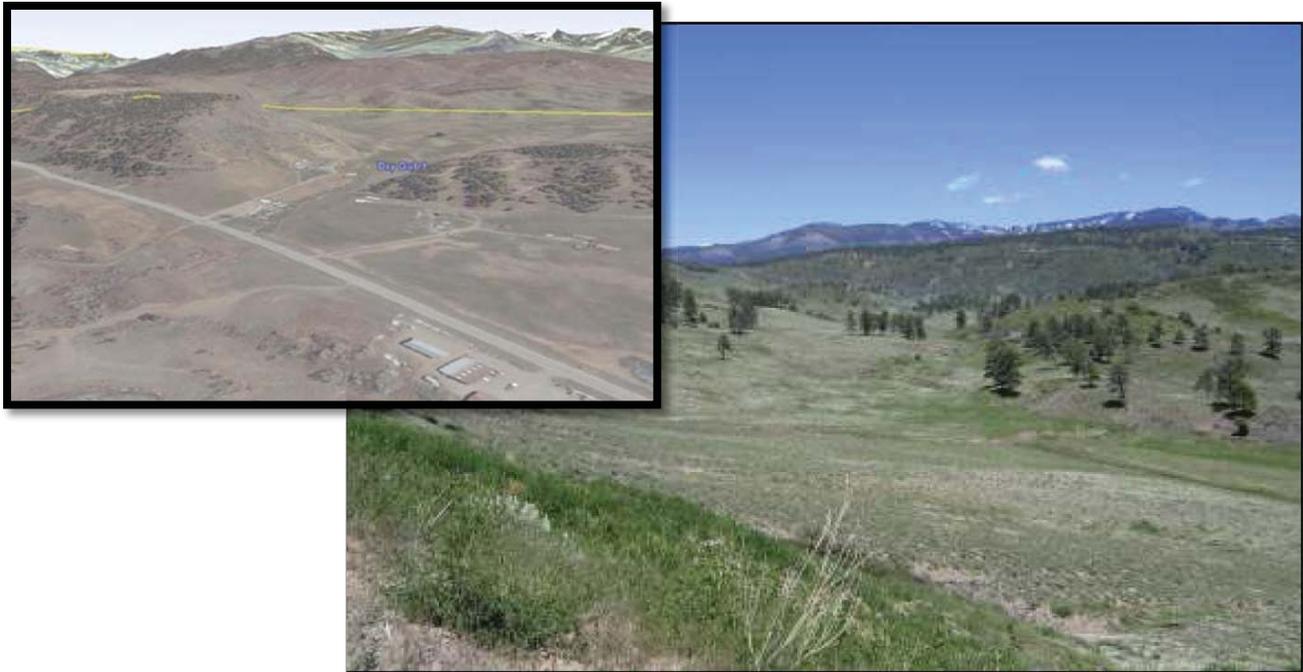
Contractor: Garney Construction, Kansas City Mo.

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 CWCB loan was be 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 CWCB 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
BARNSVILLE 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

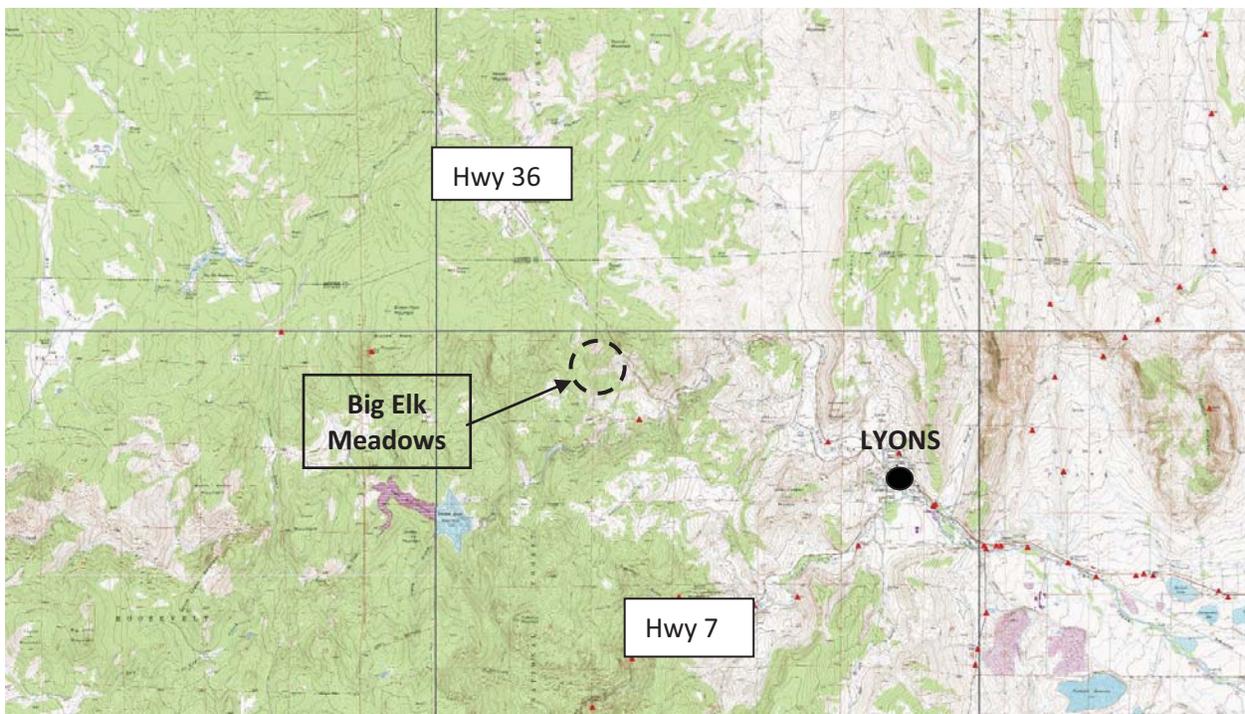
Design Engineer: Smith Geotechnical Engineering, Fort Collins

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

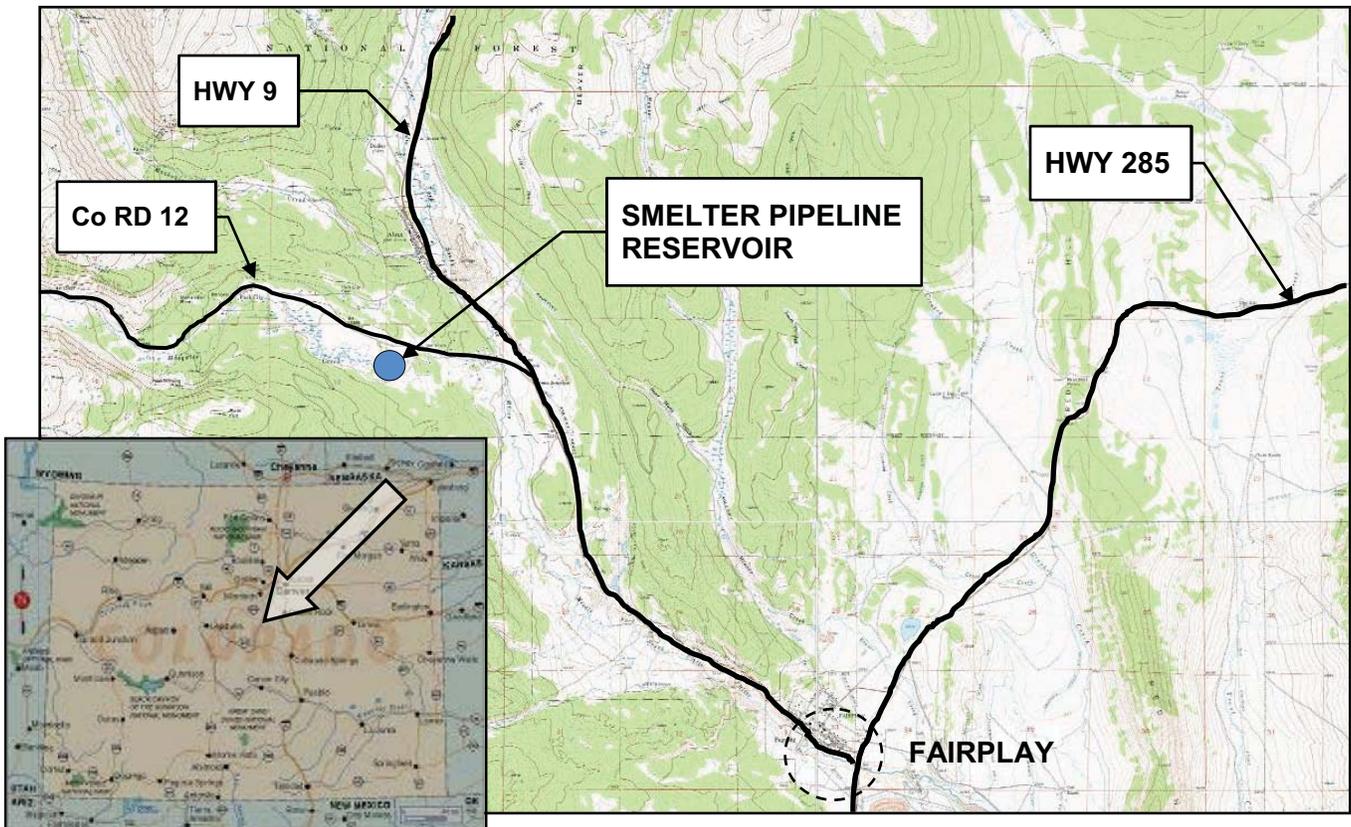
New Storage: 7 AF

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.

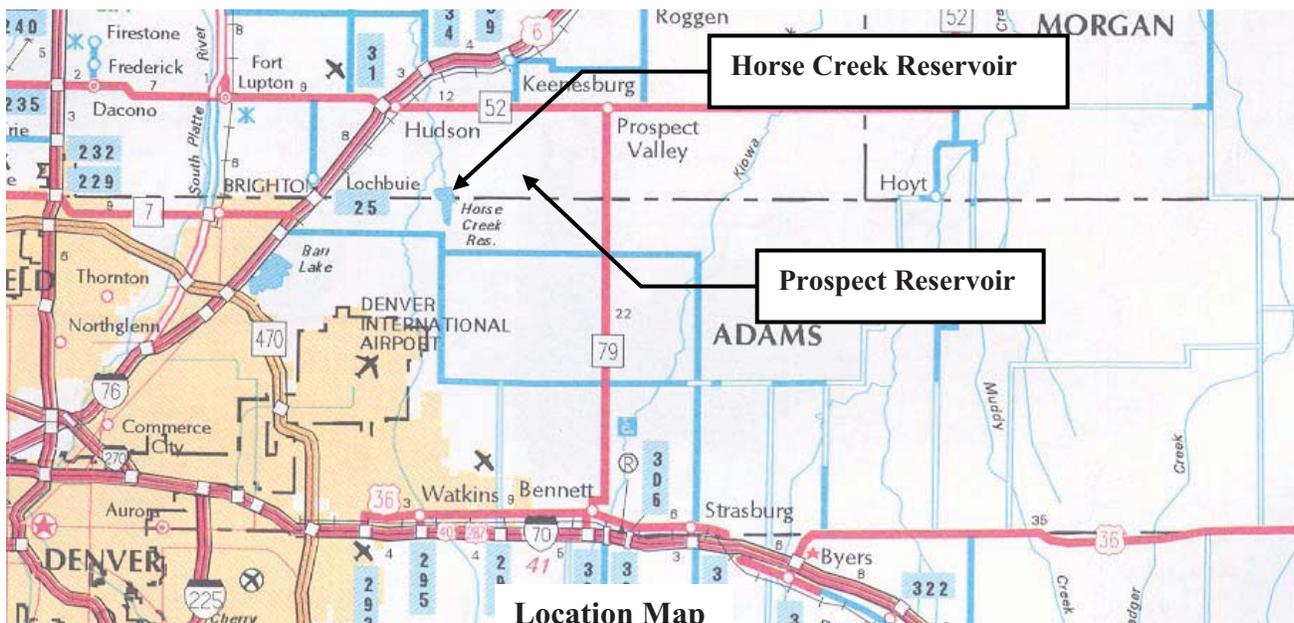
LOCATION MAP



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

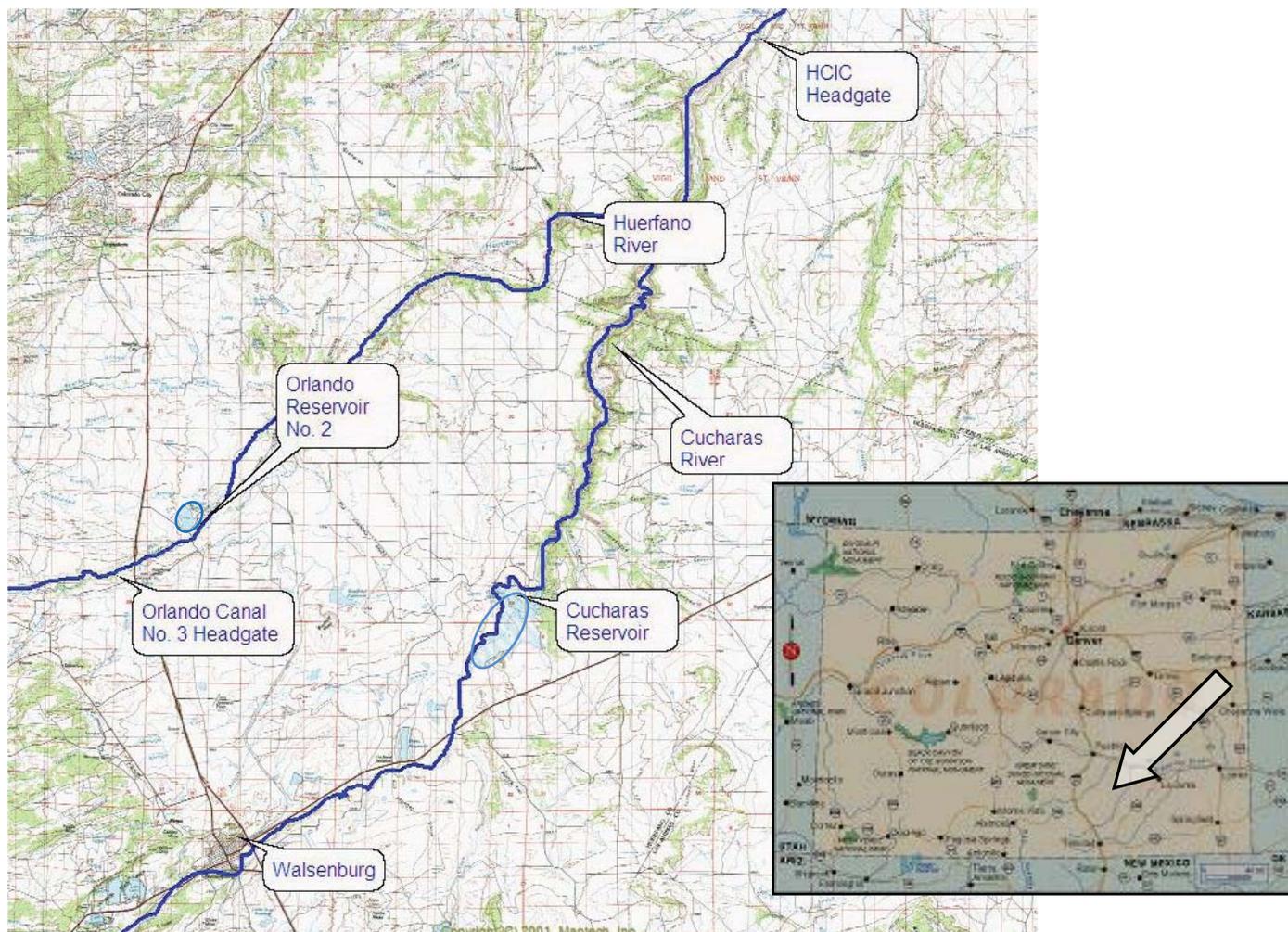
The HID was formed in 1907 Irrigation District Law of 1905, and consists of 32,745 acres of irrigated farm land in Weld County. The service area starts about 2 miles west of Hudson and extends generally east and south along I-76, to about 9 miles east of Keenesburg. The HID diverts water through the 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% **Term:** 20 years
(Reduced)

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.



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

Current Projects in Design or under Construction			Loan	Design	Construction	Status		Status Description/Update
Borrower/Project	County	Amount	Design	Construction	Start/End	Status	PM	
1 Colorado Parks & Wildlife > Beaver Park Reservoir Rehabilitation C150343	Rio Grande	\$ 10,000,000	50%	Summer '13 & Summer '14	0%	KR	{2/2013}	Design plans submitted to SEO for review
2 Crystal Lakes Water and Sewer Association > Lower Lone Pine Lake Enlargement Project C150325	Larimer	\$ 2,363,400	80%	Apr 12 - 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 winter 2012/2013.
3 Dillon, Town of > Old Dillon Reservoir Enlargement C150295	Summit	\$ 1,515,000.00	100%	Sep 10 - 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.
4 Eckhardt Farms Inc > Water Rights Purchase C150338	Weld	\$ 1,336,230.00	N/A	Jan 13 - Jan 17	0%	AM		The 1st of the 2 water rights purchases is expected to occur in early 2013.
5 Farmers Reservoir and Irrigation Company > Milton Reservoir and Barr Lake Improvement Proj. C150297	Adams/ Weld	\$ 3,535,000.00	100%	Oct 09 - Jan 13	99%	KR		Projects are nearly complete and Substantial Completion is expected in 2013.
6 Farmers' High Line Canal and Reservoir Company > System Rehabilitation Project C150314	Adams/ Jefferson	\$ 1,410,768.00	100%	Feb 11 - Feb 14	60%	KR		The Co. received a loan increase of nearly \$900K in November 2012. Work started in December 2012 and is scheduled to be completed by 3/15/2013.
7 Fisher Ditch Company > Ditch Infrastructure Project C150319	Denver	\$ 454,500	100%	Nov 12 - Dec 13	20%	AM		The Broadway Pipeline task was completed at the end of 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.
8 Fort Morgan Reservoir & Irrigation Co. > River Diversion Rehabilitation Project C150339	Morgan	\$ 1,308,960	100%	Sep 12 - Jan 13	99%	AM		Construction began in September 2012 and is near completion.
9 Fort Morgan Reservoir and Irrigation Company > Pipeline Project - Augmentation Retiming C150298	Morgan	\$ 1,494,800.00	100%	Sep 10 - Jul 12	99%	KR		Project was completed however some complications with the pumps ability to pump the specified amount of water to the recharge ponds remains. The primary concern is that the screen in the river is not functioning as designed during sandy/silty river flows.
10 Georgetown, Town of > Outlet Works Modification Project C150321	Clear Creek	\$ 2,976,975	50%	Jan 14 - Jul 14	0%	AM		Final design is underway. Construction is expected to begin in the spring of 2014.

Design Construction Status Report

Current Projects in Design or under Construction		County	Amount	Design Status	Construction		PM	Status Description/Update
Borrower/Project	Loan				Start/End	Status		
11	Greeley Irrigation Company > Greeley Canal No. 3 Rehabilitation C150239	Weld	\$ 2,233,867.00	90%	Feb 08 - Jul 13	90%	KR	Nearly complete. The Company is working on their SCADA system and the realignment and reshaping of various sections of existing channel.
12	Gypsum, Town of > LEDE Ditch and Reservoir Rrehabilitation C150296	Eagle	\$ 2,689,731.00	90%	Jul 13 - Jul 14	15%	KR	The Town received a WSRRA 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.
13	Joseph W. Bowles Reservoir Company > Bowles No. 1 Dam Rehabilitation C150290	Jefferson	\$ 1,703,870.00	100%	Aug 10 - Jan 14	90%	KR	Dam construction project was completed in the summer of 2011. Ditch construction is expected to continue thru 2013.
14	La Veta, Town of > La Veta Dam Rehabilitation C150329	Huerfano	\$ 372,690	100%	Oct 12 - 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.
15	Lake Canal Reservoir Company > North Gray Reservoir Rehab Project C150299	Larimer/ Weld	\$ 116,625.00	20%	Sep 13 - Jan 14	0%	AM	The company is re-evaluating options for the reservoir site.
16	Left Hand Ditch Company > Allen Lake and Lake Isabelle Repair Project C150336	Boulder	\$ 1,157,157	75%	Nov 12 - Aug 13	50%	AM	Allen Lake Repairs began in November 2012 and are scheduled for completion by early January 2013. Lake Isabelle engineering drawings are expected to be submitted to SEO for review in Spring 2013.
17	Lower Latham Reservoir Company > Well Augmentation Project C150304	Weld	\$ 3,811,573.00	100%	Nov 09 - Jul 11	85%	KR	The Company has completed its water rights purchase and the construction of the augmentation ponds. LLRC obtained it's irrigation well augmentation decree and it will re-focus it's attention on the recharge facility work.
18	Mancos Water Conservancy District > Inlet and Outlet Canal Rehabilitation C150120	Montezuma	\$ 5,486,531.00	75%	Jan 04 - Jan 14	99%	KR	Rehabilitation of ditch system involving retaining walls and access road along the ditch was compiled in 2009. Ditch lining portion of Project was completed in October 2011.
19	Monte Vista, City of > Augmentation Water Rights Acquisition C150309	Rio Grande	\$ 1,693,770.00	n/a	Oct 10 - Jul 13	50%	KR	The City purchased Anderson Ditch rights and will file a water court application to enable the use of those rights to replace depletions. Contracted with the San Luis Valley Irr. Dist. for storage space in the Rio Grande Res. City continues negotiations to purchase additional water.
20	Montezuma Valley Irrigation Company > May Lateral Pipeline C150251	Montezuma	\$ 5,292,400.00	100%	Nov 07 - Jul 12	99%	KR	AgriTech Consulting designed the improvements. Installation of the 5-mile pipeline was completed in 2012. SC expected in 2013

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	
21 Montezuma Valley Irrigation Company > Lone Pine & May Pipeline Improvements C150333	Montezuma	\$ 339,600	100%	Jul 12 - Jul 13	75%	AM	The screen installation on the Lone Pine pipeline completed along with pressure reducing valves. Installation of solar panels is continuing.
22 New Salida Ditch Company > Ditch Rehabilitation C150277	Chaffee	\$ 365,620.00	100%	Oct 09 - Dec 13	90%	KR	Most of construction completed in 2009. Additional phases to be completed in 2013.
23 North Delta Irrigation Company > NDIC Tunnel Repair Project C150331	Delta	\$ 808,000	100%	Jan 12 - Dec 12	99%	KR	Construction of tunnel pipe was completed in the summer of 2012. Additional work was required in order to achieve adequate flows. SC is planned for June 2013.
24 Ogilvy Augmentation Company > Well Augmentation C150273	Weld	\$ 1,010,808.00	100%	Dec 08 - Jul 12	95%	KR	Company purchased the water rights and constructed the recharge facility. OAC's well augmentation decree trial is scheduled for summer 2013. When decreed, OAC will execute second loan to begin the design and const. of new reservoir.
25 Overland Ditch and Reservoir Company > Overland Reservoir Rehabilitation C150206	Delta	\$ 1,130,000.00	50%	Permitting	0%	KR	Project on-hold until fens can be addressed in enlarged reservoir area.
26 Owl Creek Reservoir Company > Owl Creek Reservoir Rehabilitation C150089	Weld	\$ 1,125,000.00	99%	On Hold	0%	TF	The Company received bids and does not have enough funds to complete the project. The Company has expended approximately \$450,000 to-date for permitting, soils, and design and will need an additional \$600,000 to complete the project. A project partner is being sought.
27 Parkville Water District > Canterbury Tunnel Repair C150308	Lake	\$ 1,838,200.00	100%	Jan 12 - Jan 14	99%	KR	Project is complete and SC is expected in 2013.
28 Penrose Water District > Water Rights Purchase and Pipeline Installation C150237	Fremont	\$ 8,844,570.00	65%	Oct 10 - Jan 14	50%	KR	Water rights were purchased in 2005 with bridge financing. A water court application was filed in 2006. Dist. closed on the Brush Hollow Reservoir storage purchase in November of 2011. The District closed on the purchase of a well field near the diversion point on the Arkansas River.
29 Pisgah Reservoir and Ditch Company > Mount Pisgah Dam/Wrights Reservoir Rehab C150341	Teller	\$ 161,345	25%	Jan 14 - Jan 15	0%	KR	
30 Platte Valley Irrigation Company > Equalizer Reservoir Project C150235	Weld	\$ 2,388,650.00	100%	Nov 10 - Jul 13	5%	KR	

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	
31 Riverside Ditch and Allen Extension Company > Ditch System Rehabilitation C150301	Chaffee	\$ 186,345.00	85%	Jul 10 - Dec 13	80%	KR	Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the spring of 2013.
32 Riverside Reservoir and Land Company > Riverside Reservoir Spillway Enlargement C150291	Weld	\$ 2,838,100.00	80%	Sep 10 - Jan 15	0%	AM	The engineer is re-evaluating design options with support from the SEO.
33 Terrace Irrigation Co > Spillway Replacement Project C150332	Conejos	\$ 2,724,721	100%	Jul 12 - Jul 13	60%	KR	Construction by ASI Contractors is expected to be complete by early 2013.
34 Thunderbird W&S Dist > Lambert Ranch Water Rights Purchase C150320	Douglas	\$ 318,150.00	100%	N/A	0%	RE	Closing has been delayed until 2013 due to easement access to purchased wells.
35 Tri-County Water Conservancy District > Ridgway Reservoir Micro Hydro Project C150324	Ouray/ Mont/ Delta	\$ 9,090,000	75%	Jul 12 - Dec 13	0%	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.
36 Twenty Two Road Lateral Company > Twenty Two Road Lateral Replacement Project C150344	Mesa	\$ 517,848	100%	Jan 13 - Mar 13	30%	KR	
37 Union Ditch Company > Well Augmentation Project C150127	Weld	\$ 312,595.00	75%	Sep 06 - Jan 14	80%	KR	One recharge pond at the Miller Feedlot Site was completed with an accompany diversion structure on the Union Ditch.
38 Upper Arkansas Water Conservancy District > Reservoir Rehabilitation C150192	Chaffee/ Custer	\$ 3,520,000.00	100%	Jun 05 - Jan 14	90%	KR	The project requires Forest Service special use permit and an environmental assessment prior to construction. The initial phase of construction was awarded to ASI, Buena Vista, CO, and completed in May 2007. The enlargement effort is delayed due to NEPA permitting

Projects Under Contract SubTotal = \$ 88,473,399

Design Construction Status Report

Current Projects in Design or under Construction
Borrower/Project **County** **Loan Amount** **Design Status** **Construction Start/End** **PM**

Projects Not Under Contract

Status Description/Update

a	Southwestern CO Water Conserv. District > Arkansas Valley Conduit	Crowley	\$ 60,600,000	In Contracting		KR	Pending Federal Appropriation
b	Lake Durango Water Authority > Source Water Supply Project C150317	LaPlatta	\$ 2,525,000	In Contracting		KR	A condition of contract approval is to have an agreement in place for use of the Outlet Tower in Lake Nighthorse
c	McDonald Ditch Company > Ditch Diversion and Headgate Replacement C150334	Rio Grande	\$ 70,700	In Contracting		AM	Increased loan amount and collateral change must return to for approval in Sept 2013.
d	Central CO WCD - WAS > Augmentation Water Supply Project C150337	Weld/ Adams/ Morgan	\$ 3,030,000	In Contracting		AM	
e	Town of Ridgway > Lake Otonowanda Rehabilitation Project C150340	Ouray	\$ 606,000	In Contracting		KR	Returning to CWCB in March '13 to modify the project components
f	Sanchez Ditch and Reservoir Company > Sanchez Reservoir Outlet Rehabilitation Project C150342	Costilla	\$ 1,128,776	In Contracting		AM	
g	Bergan Ditch & Reservoir Company > Bergan Reservoir No. 2 Rehabilitation C150344	Jefferson	\$ 2,020,000	In Contracting		AM	
h	Roxborough Water & Sanitation Dist. > Raw Water Supply Project C1503346	Douglas	\$ 18,538,550	In Contracting		AM	Pending Project Bill (SB-181) approval
i	Greeley, City of > High Park Fire Restoration Project C150347	Larimer	\$ 2,020,000	In Contracting		AM	

Not Under Contract SubTotal = \$ 90,539,026

Grand Total = \$ 179,012,425

**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

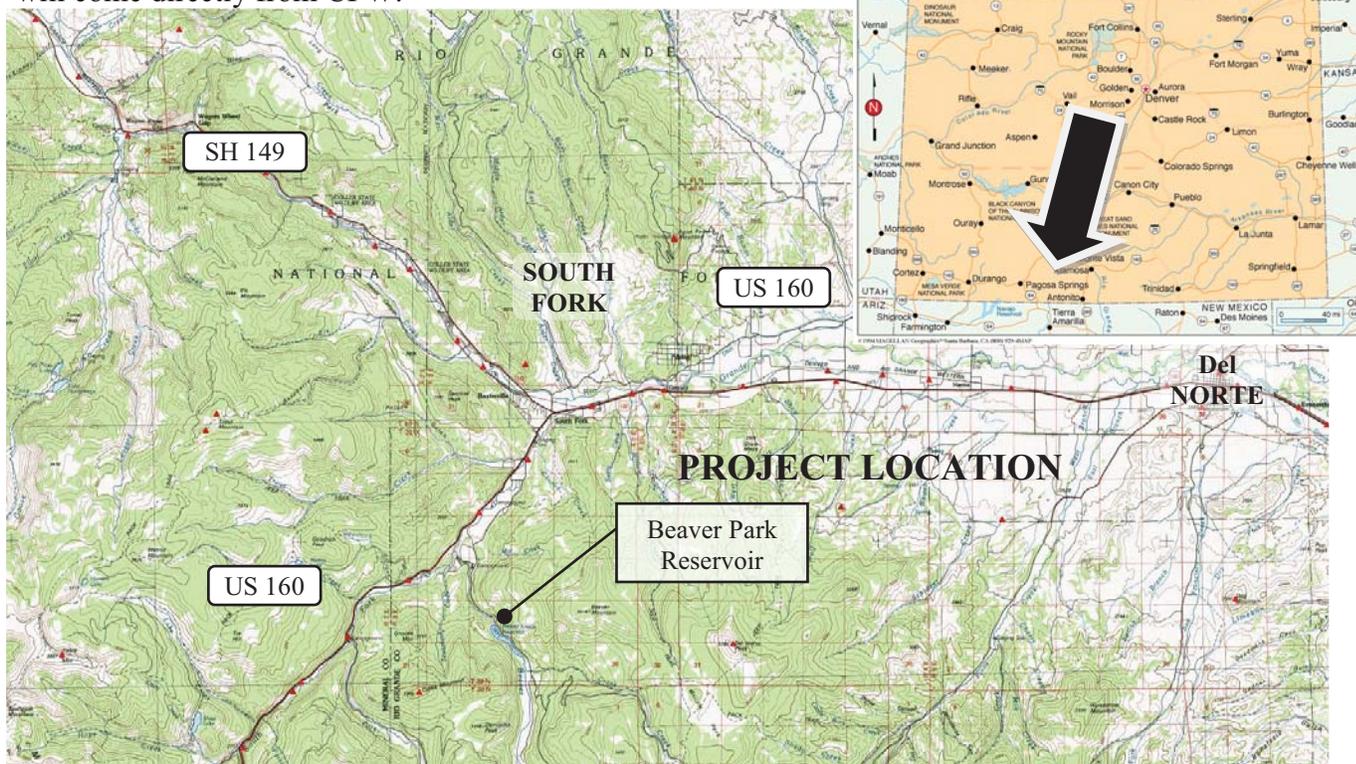
Average Annual Diversion: 4,434 AF

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

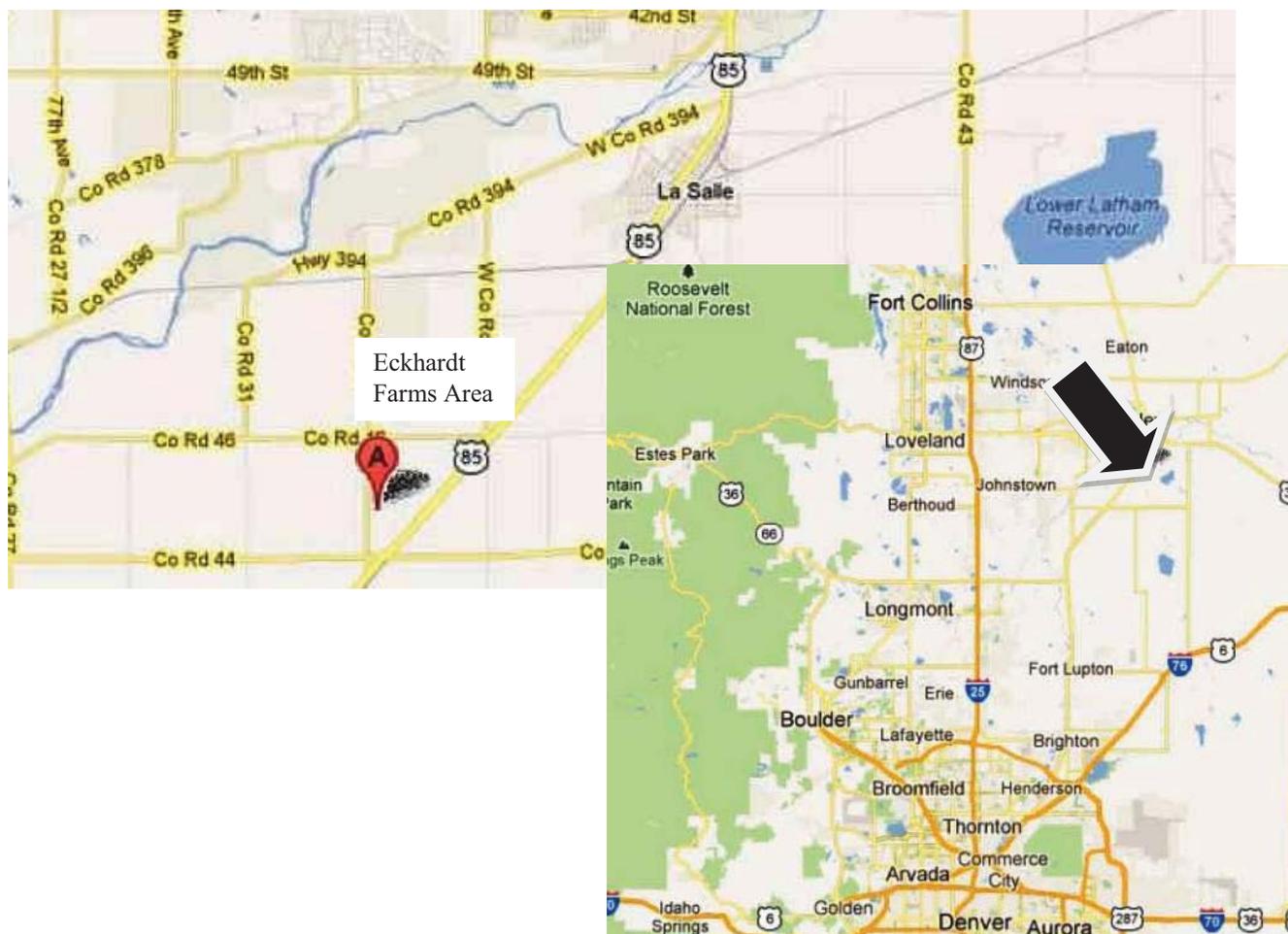
Funding Source: Construction Fund

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

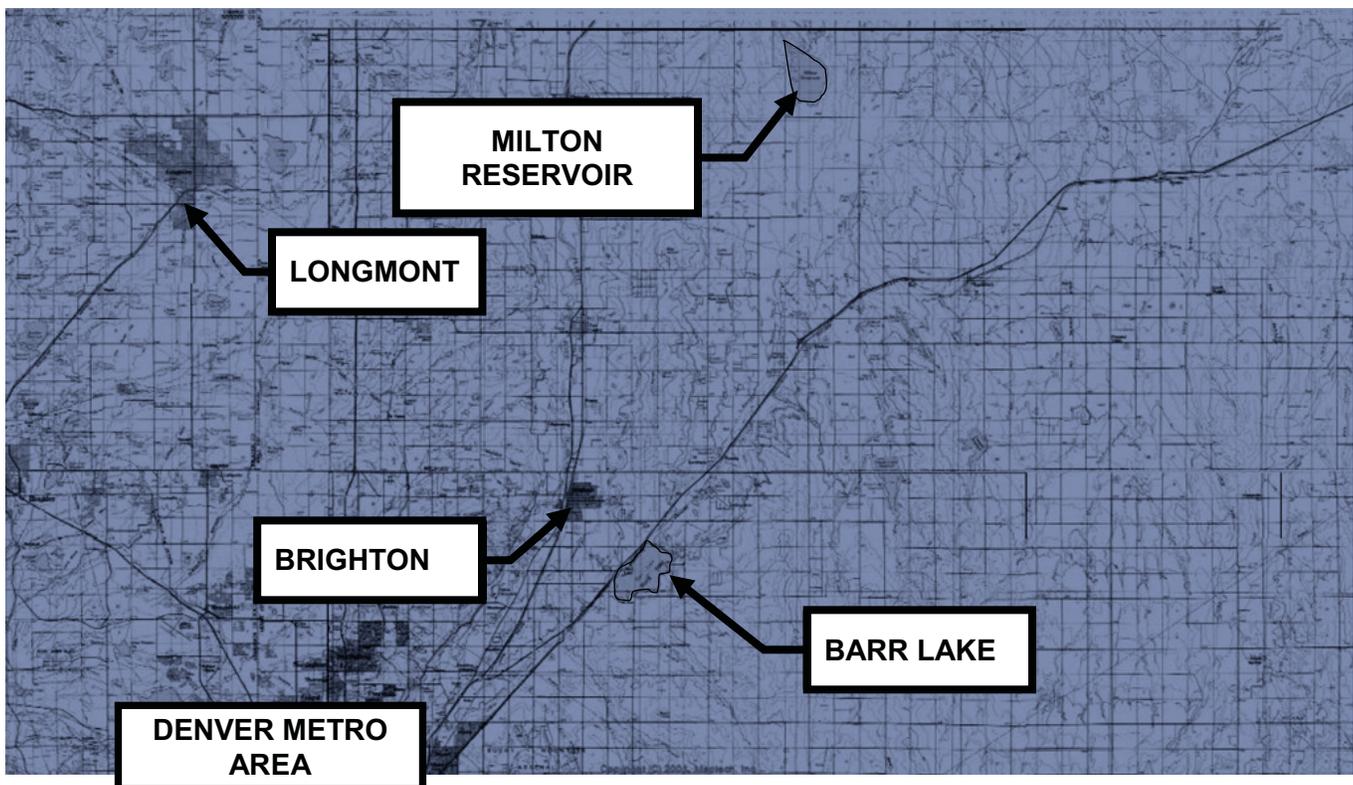
Eckhardt Farms Inc. is located in Weld County near LaSalle, Colorado. The farming Corporation has been incorporated since 1993. It farms 3,000 acres and generates revenues from crops of hay, wheat, corn, sugar beets, onions, and pinto beans. In the past, the Corporation was able to irrigate with well 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 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

**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

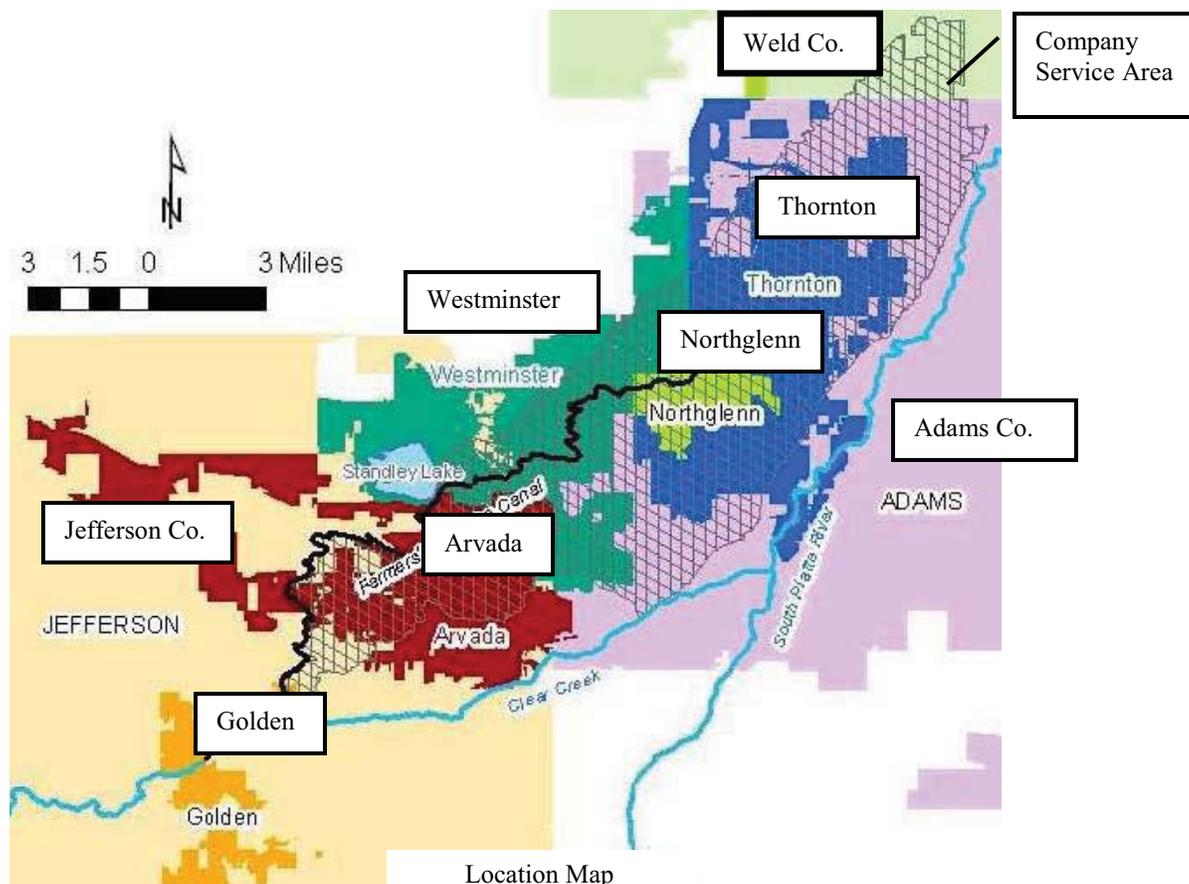
Type of Borrower: Municipal

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)

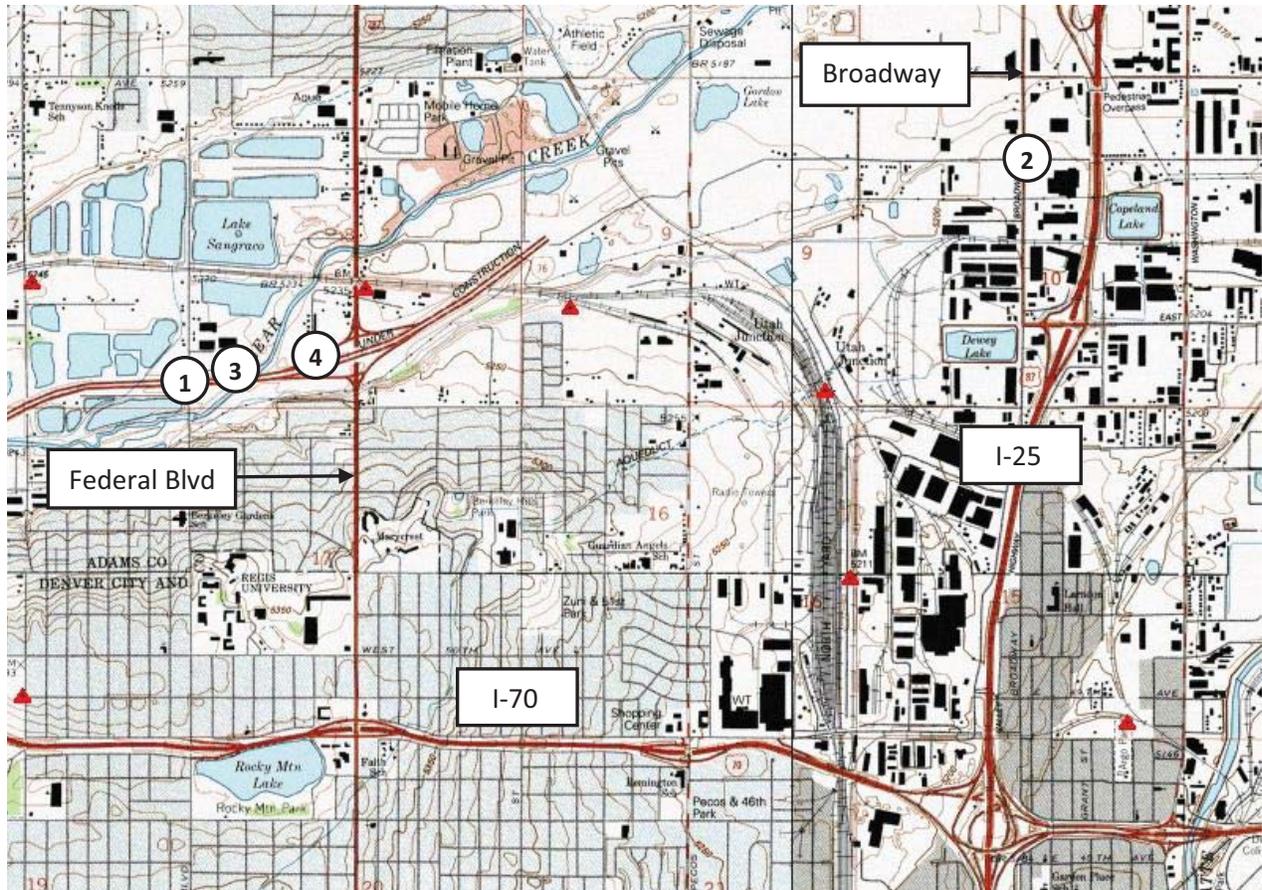
Avg. Annual Diversion: 7,623 AF

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.

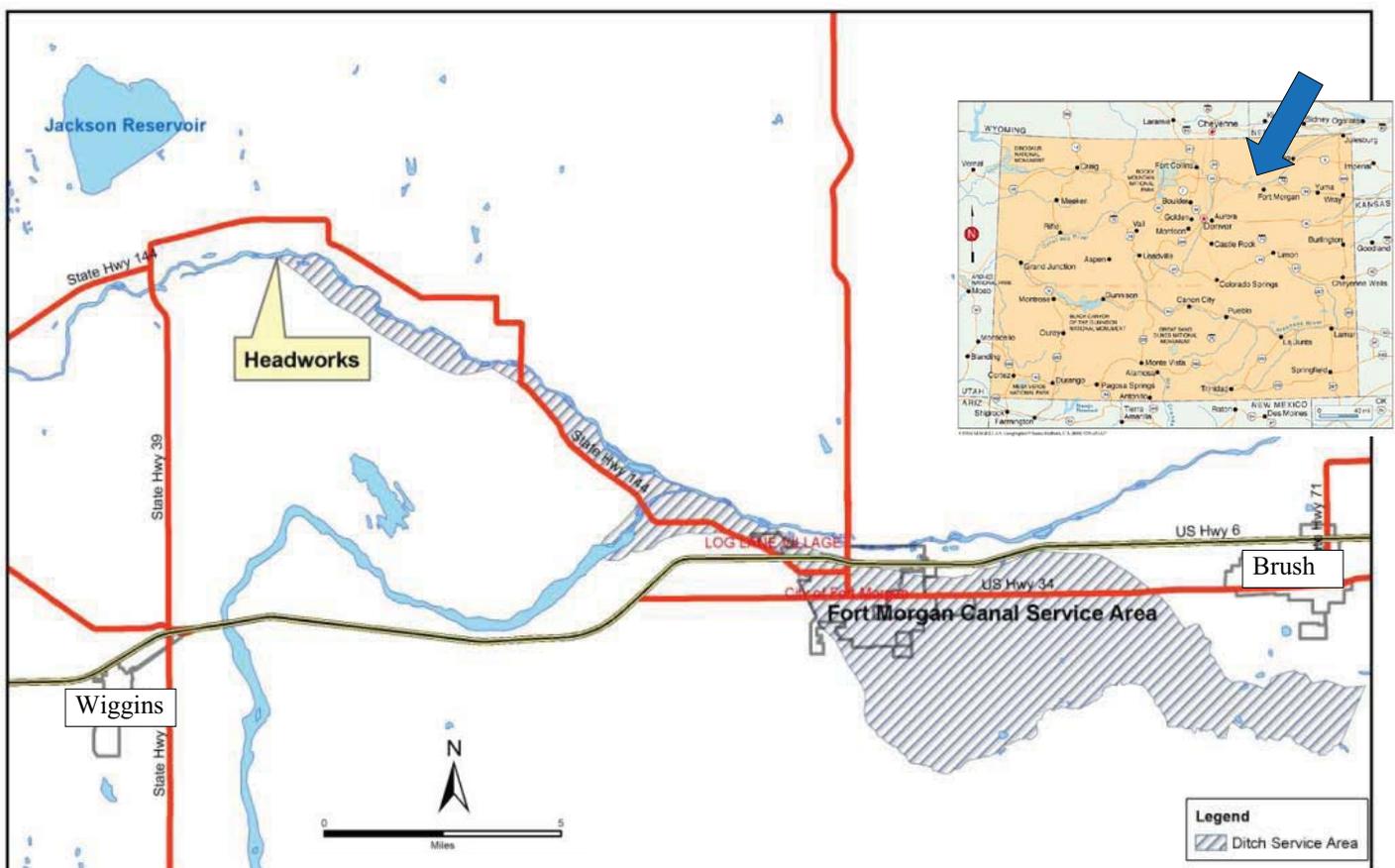
Location Map



**CWCB Construction Loan Program
Project Data Sheet**

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

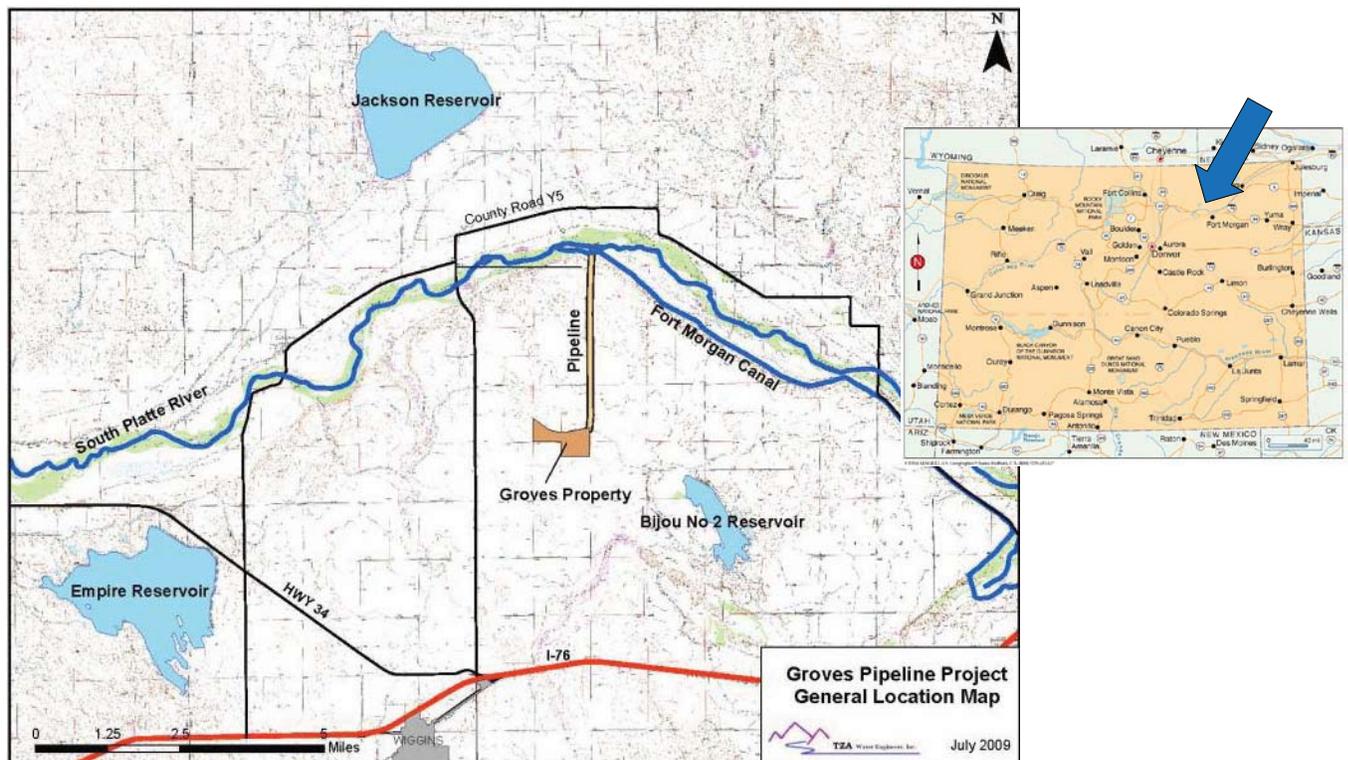
The Company operates a ditch system that delivers surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and operates a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells. Through this loan, the Company plans on repairing 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.



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 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

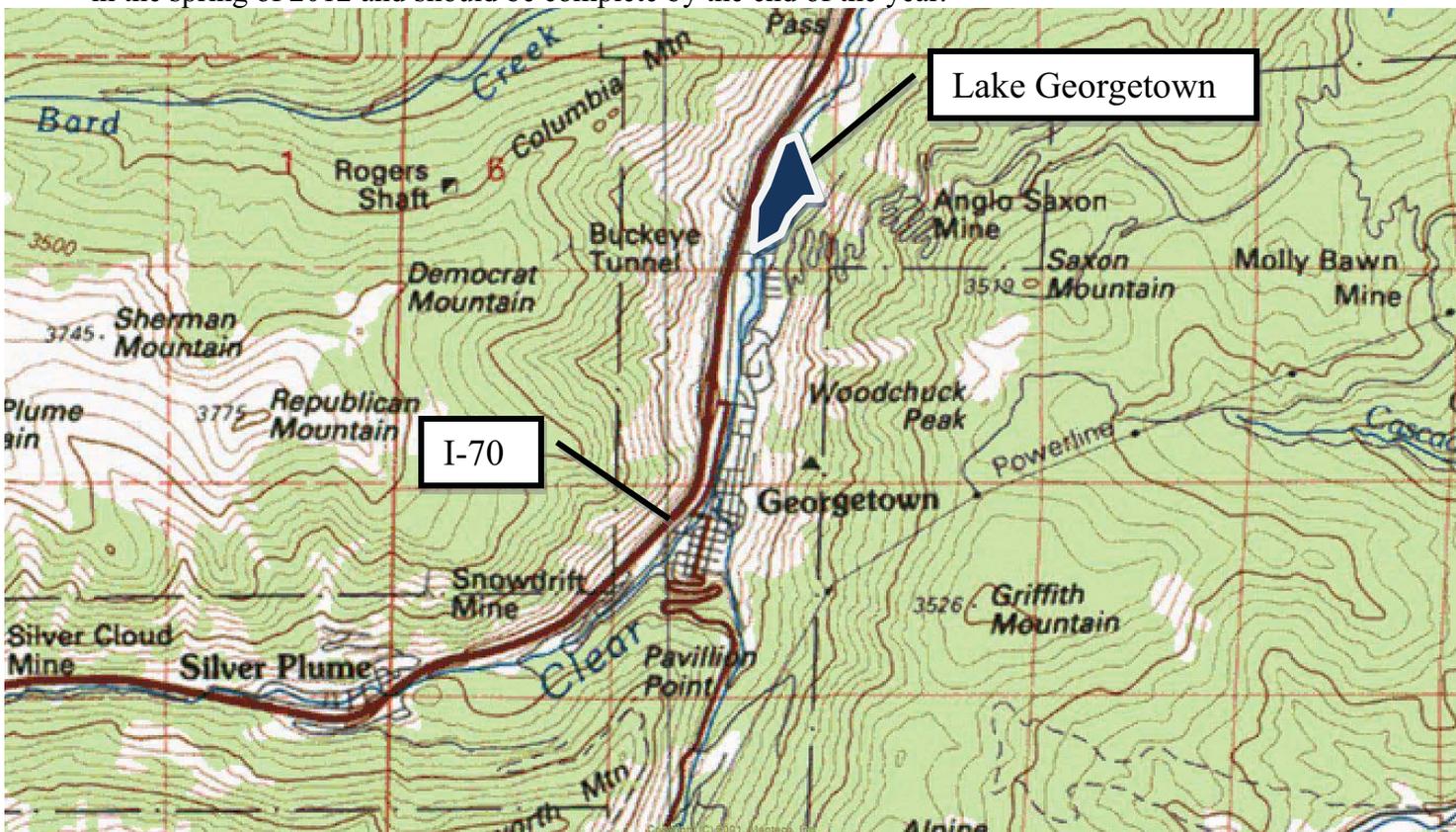
Type of Borrower: Middle-Income Municipal

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

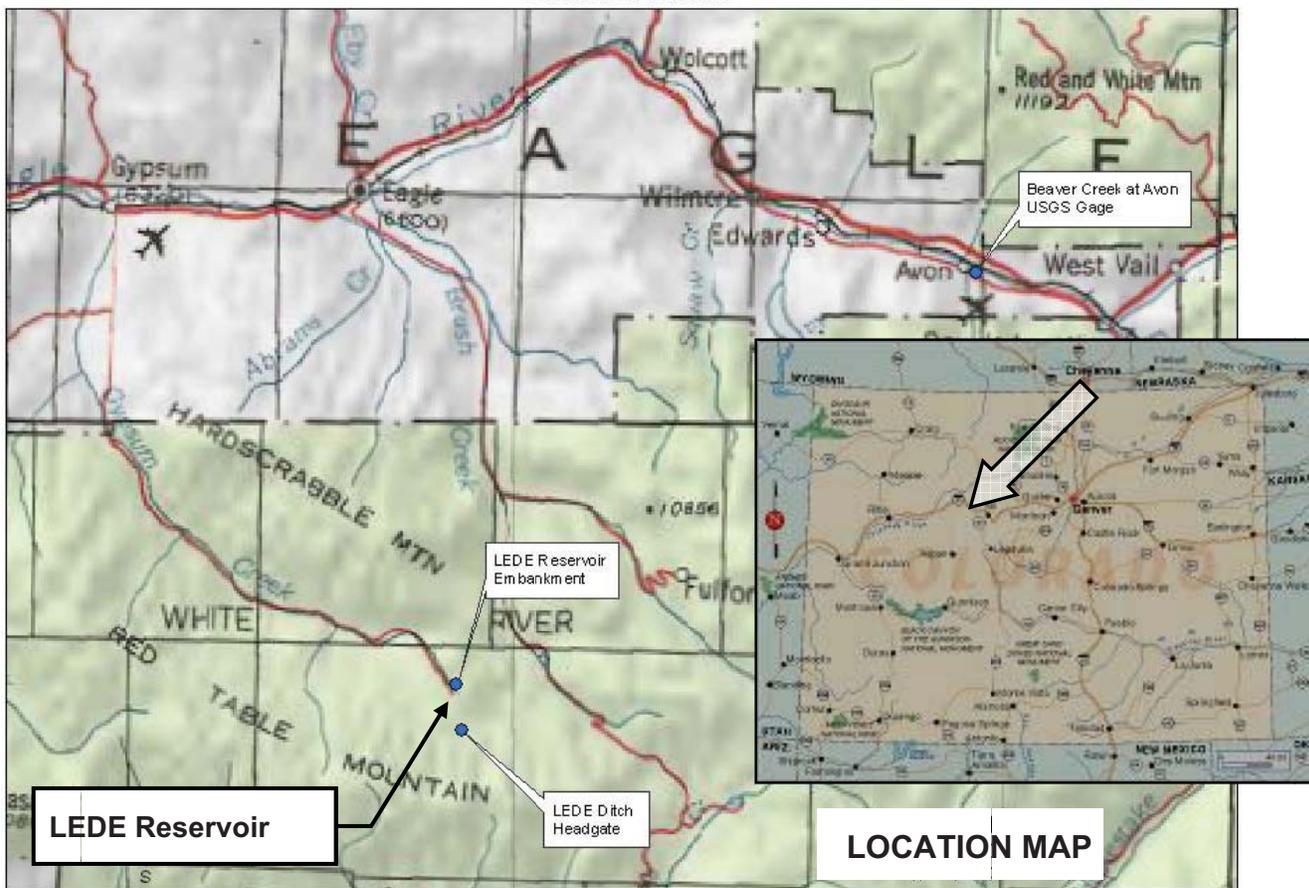
New Storage: 254 AF

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

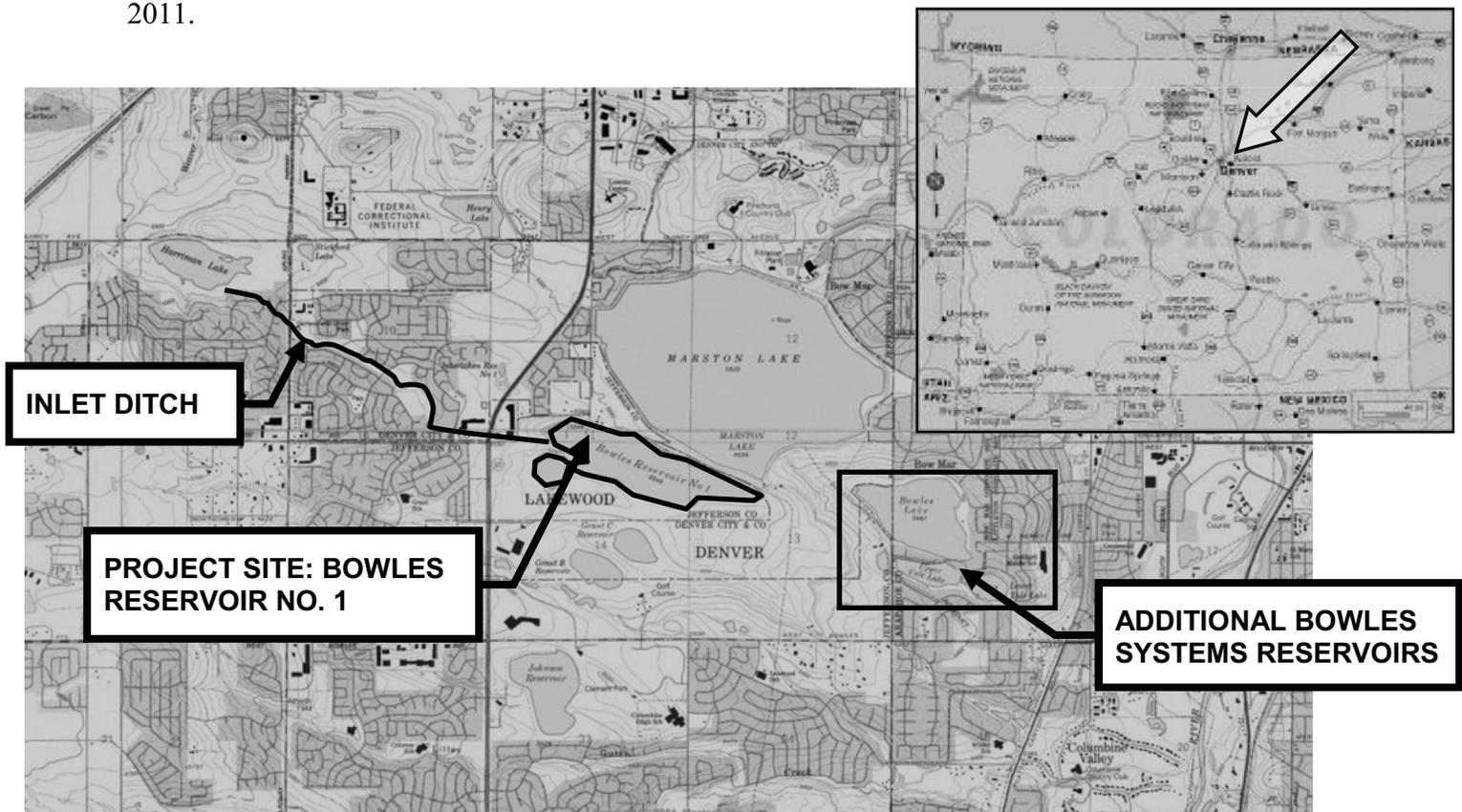
Type of Borrower: Blended Ag & Municipal
& Commercial

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

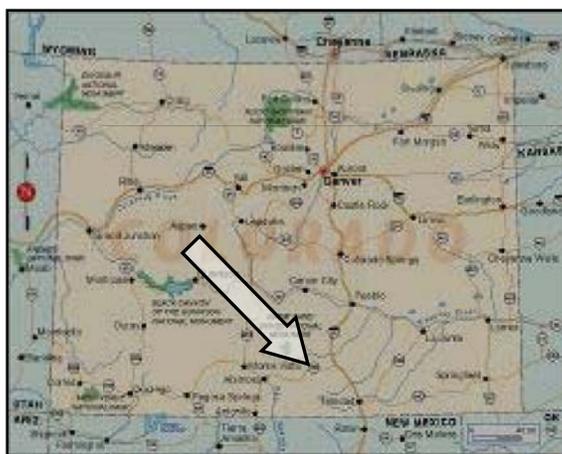
Type of Borrower: Low-Income Municipal
(with request for a Restricted Reservoir reduction)

Avg. Annual Delivery: 209 AF

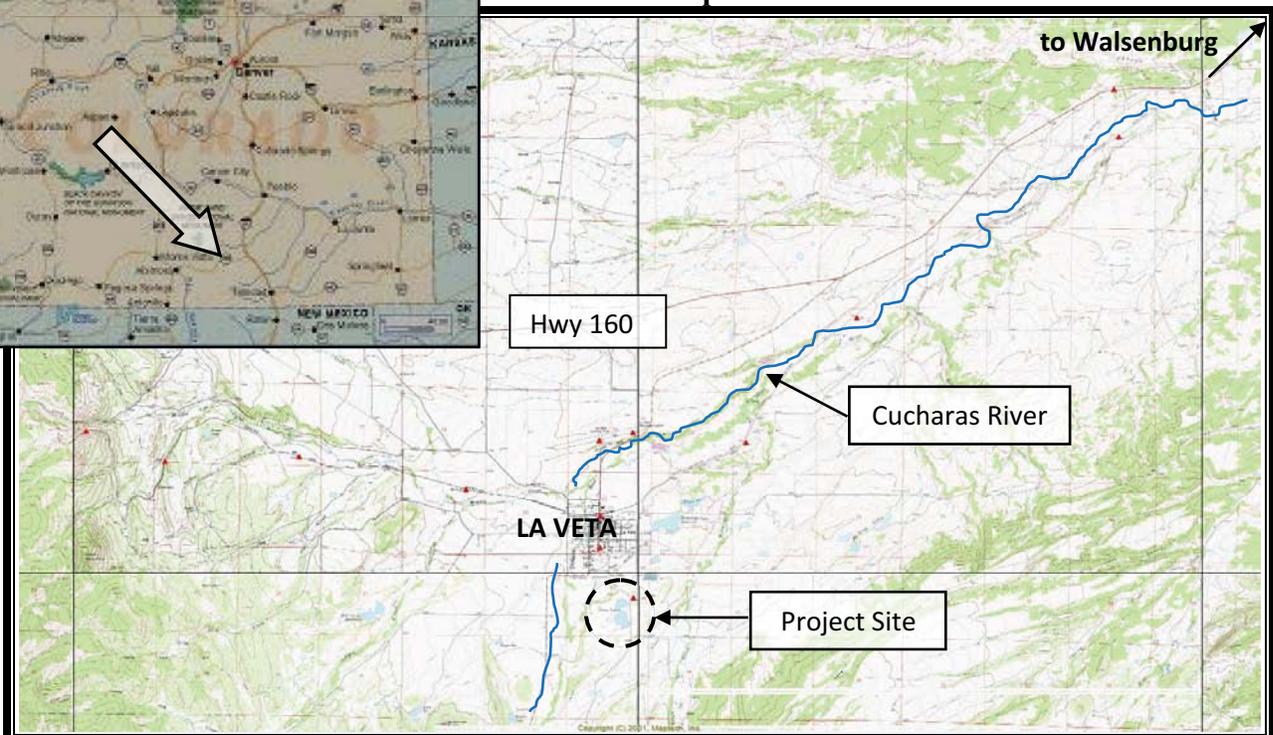
CWCB Loan: \$372,690 (w/ 1% service fee)

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.



Location Map



**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

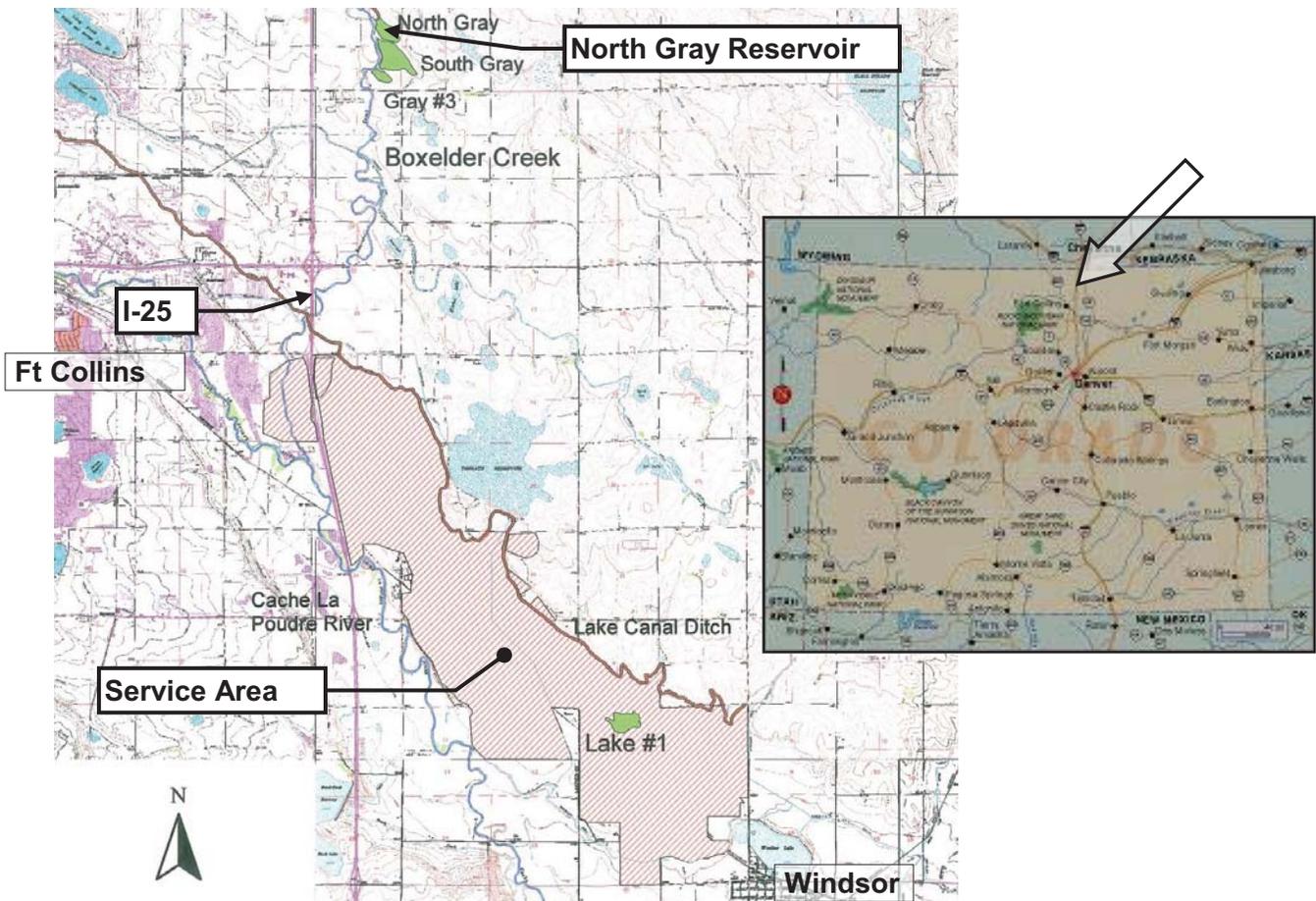
Details: 333 AF Stored
75 AF Recovered

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

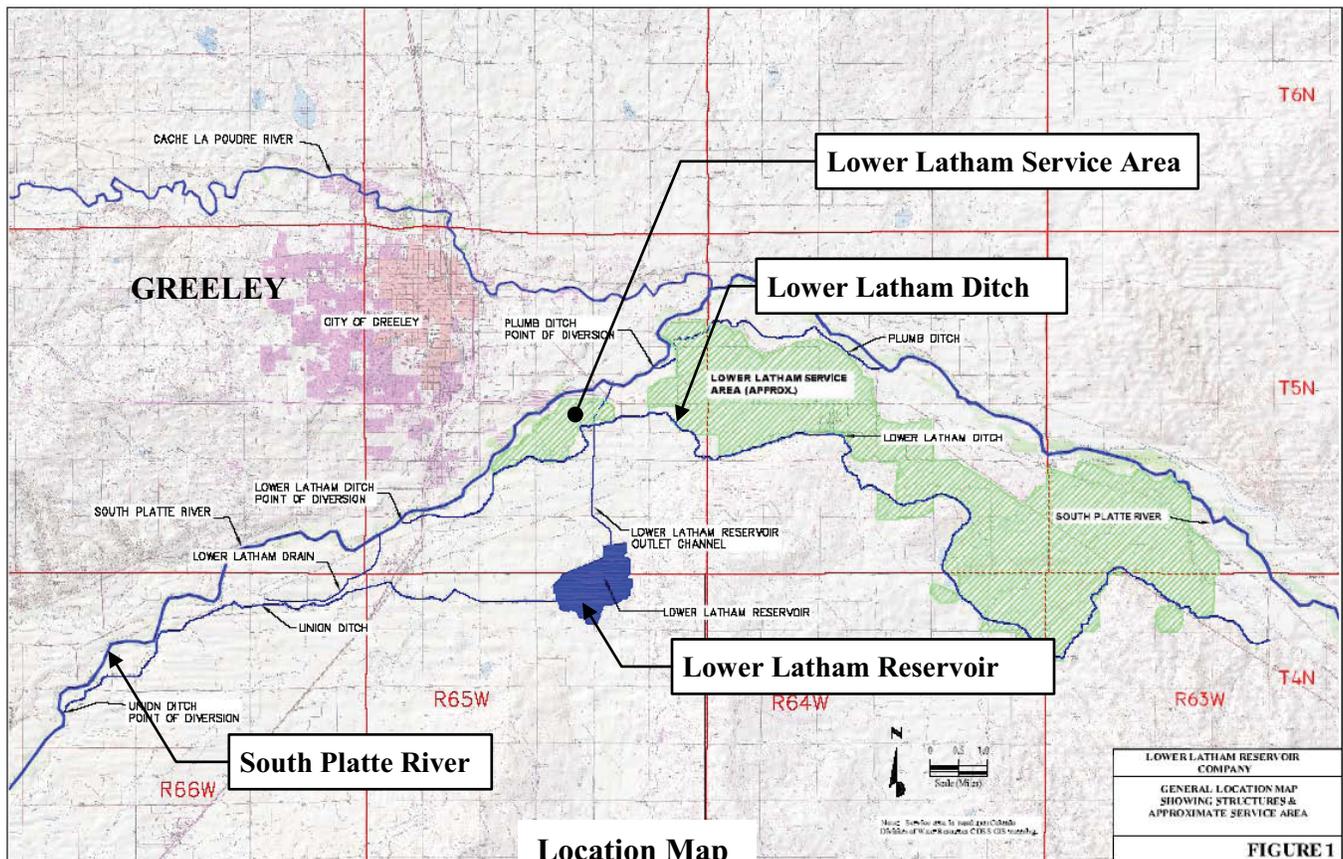
Drainage Basin: South Platte **Water Source:** South Platte River

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

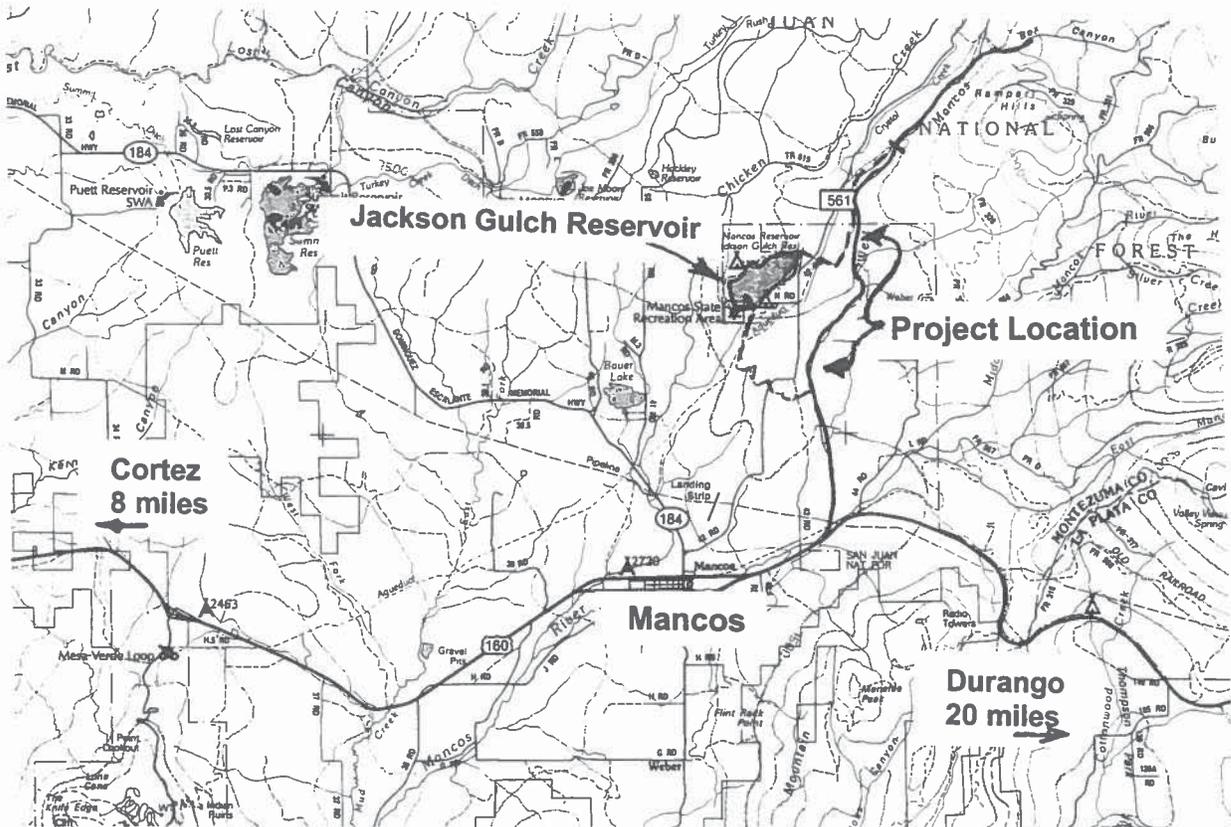
Median Household Income: Low

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.

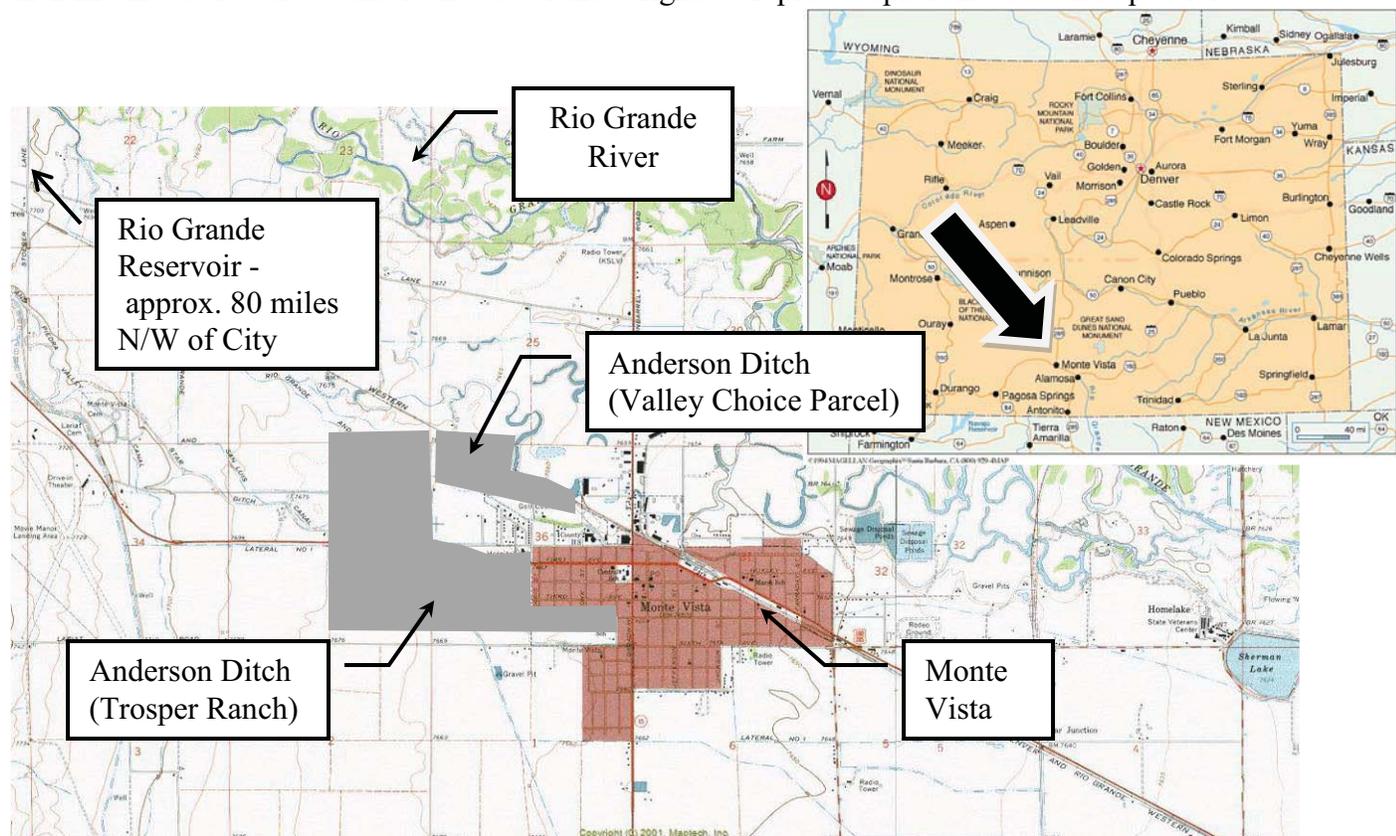


Location Map

Water Project Loan Program - Project Data

Borrower: City of Monte Vista (Water Activity Enterprise)	County: Rio Grande
Project Name: Augmentation Water Rights Acquisition	Project Type: Water Rights Purchase
Drainage Basin: Rio Grande	Water Source: Rio Grande River
Total Project Cost: \$1,863,500	Funding Source: Construction Fund
Type of Borrower: Low-Income Municipal	Aver. Demand: 1,212 AF/year
CWCB Loan: \$1,693,770 (incl. 1% loan fee)	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.

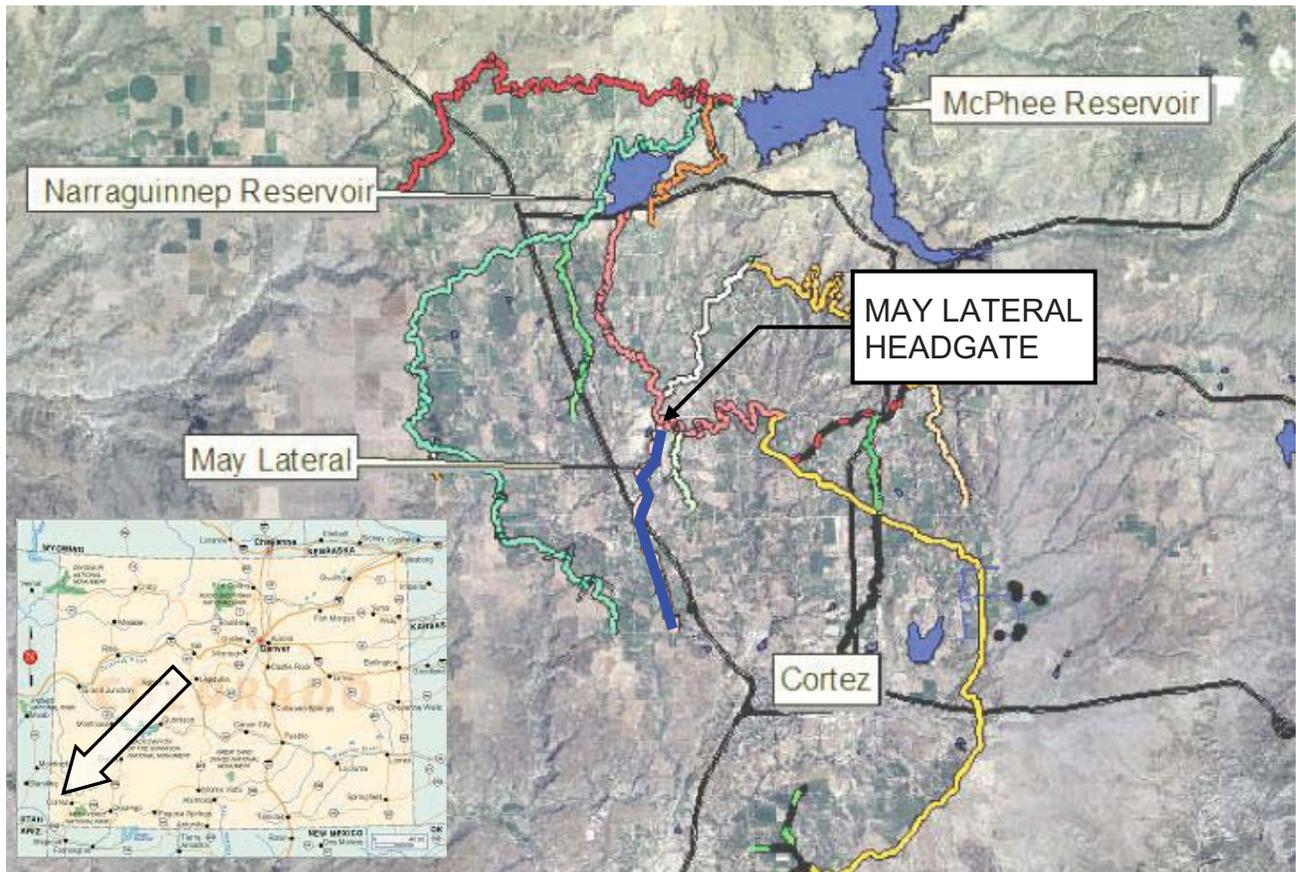


Location Map

**CWCB Construction Loan Program
Project Data Sheet**

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

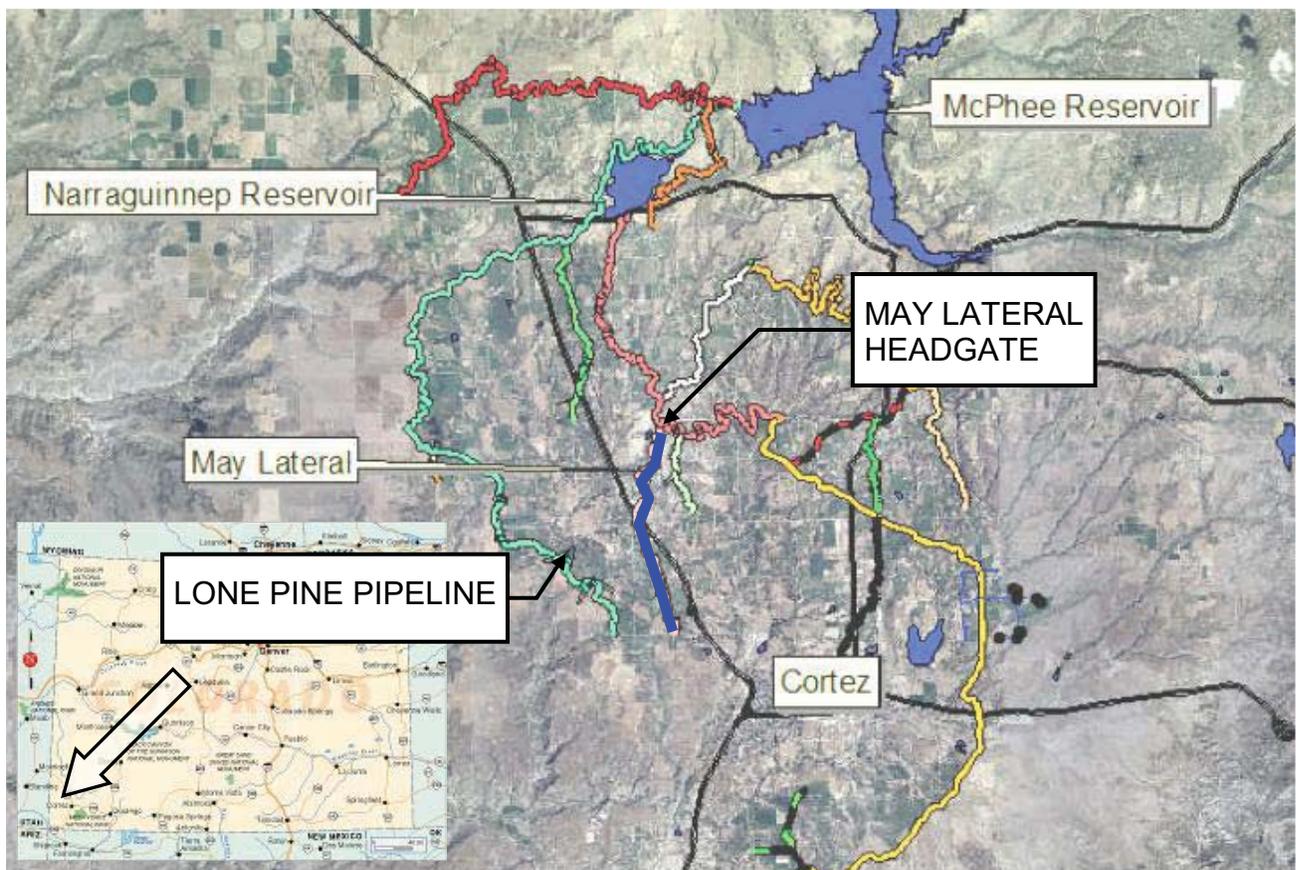
Type of Borrower: Agricultural

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

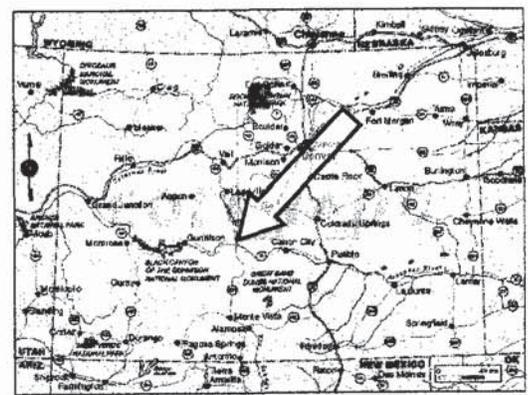
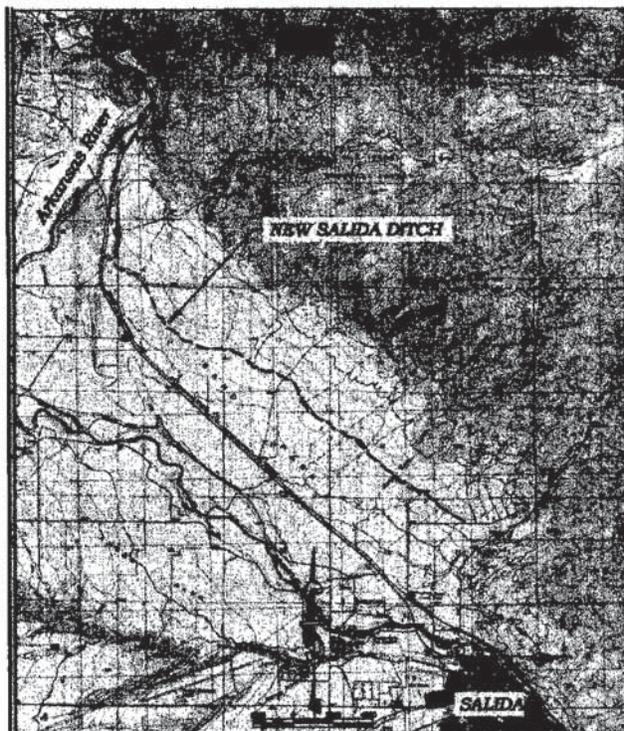
Type of Borrower: Agricultural

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

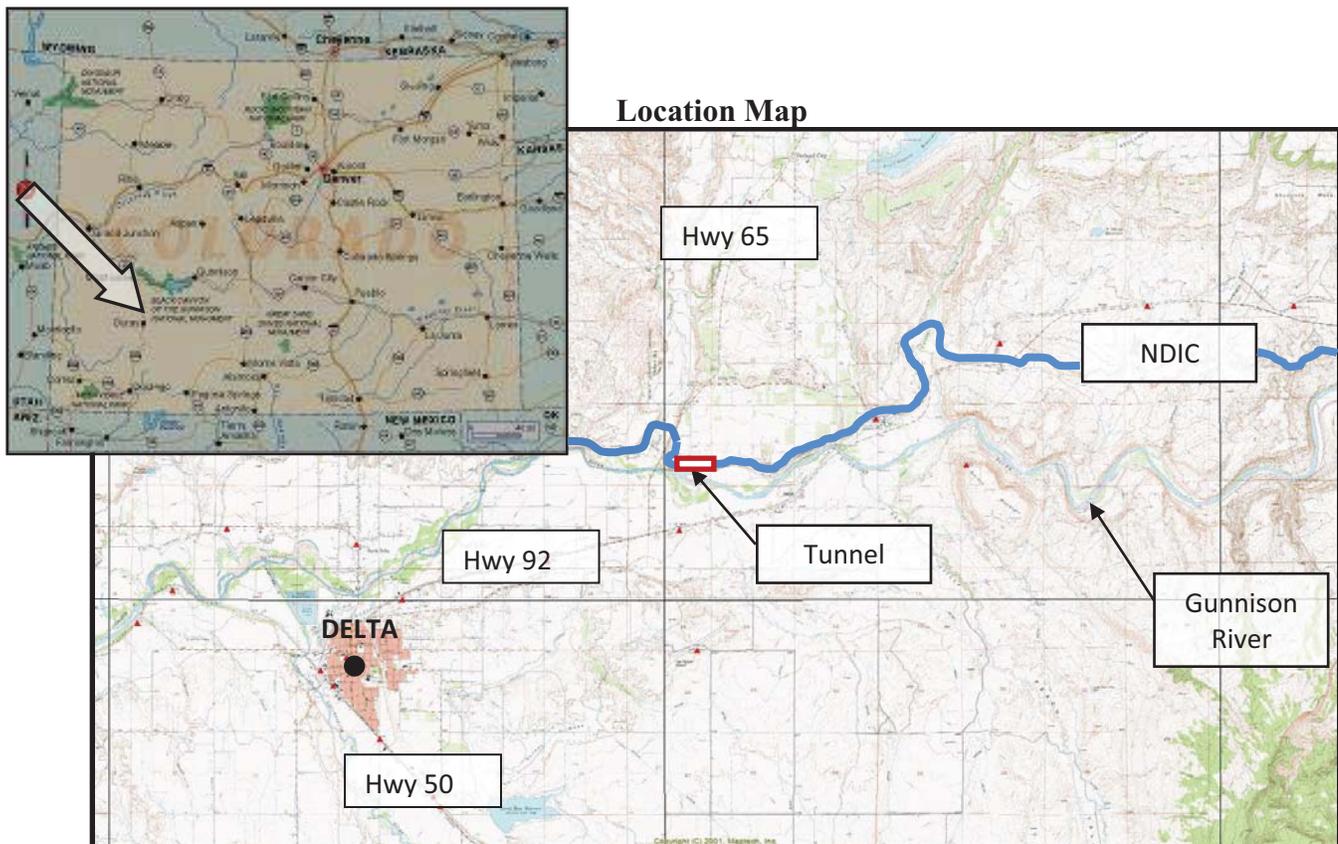
Type of Borrower: Blended
(70% Agricultural, 30% Low-income municipal)

Avg. Annual Delivery: 17,735 AF

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

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

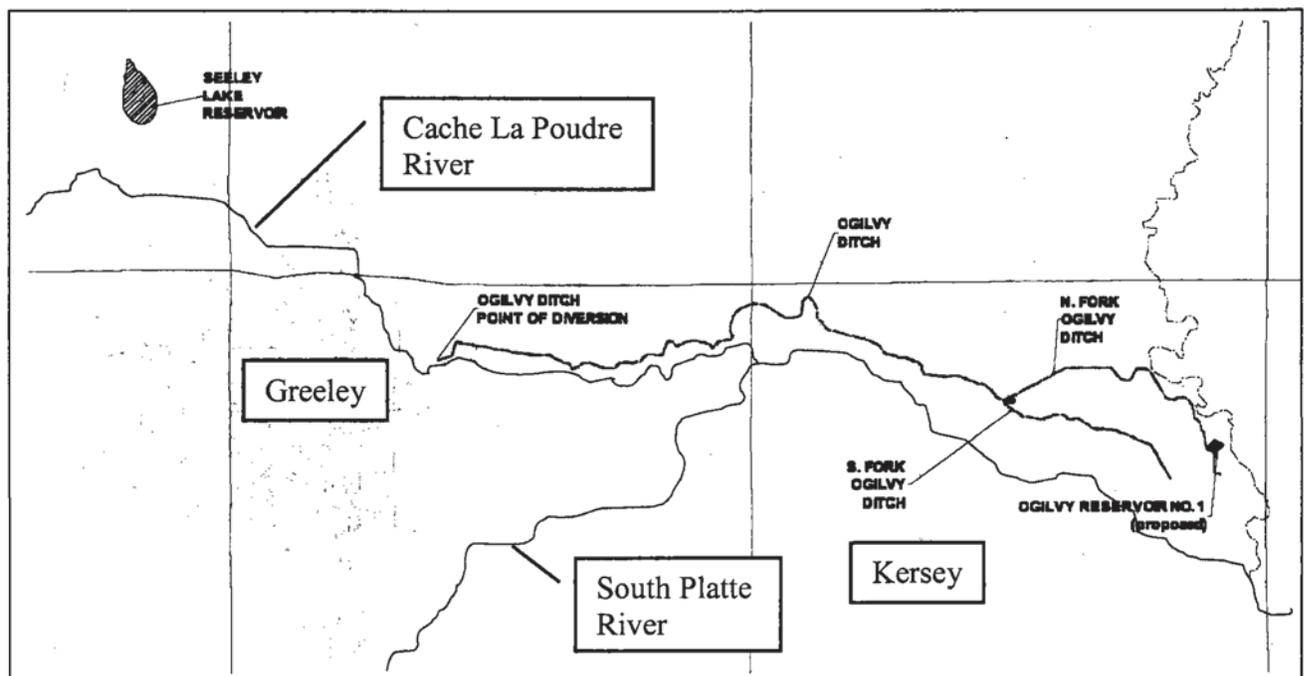
The North Delta Irrigation Company is responsible for supplying water to its 174 shareholders for the irrigation of 2,300 acres of land. The water is delivered through the North Delta Irrigation Canal. A two-mile stretch of the twenty-three mile canal is located along the steep hillside paralleling the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



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.

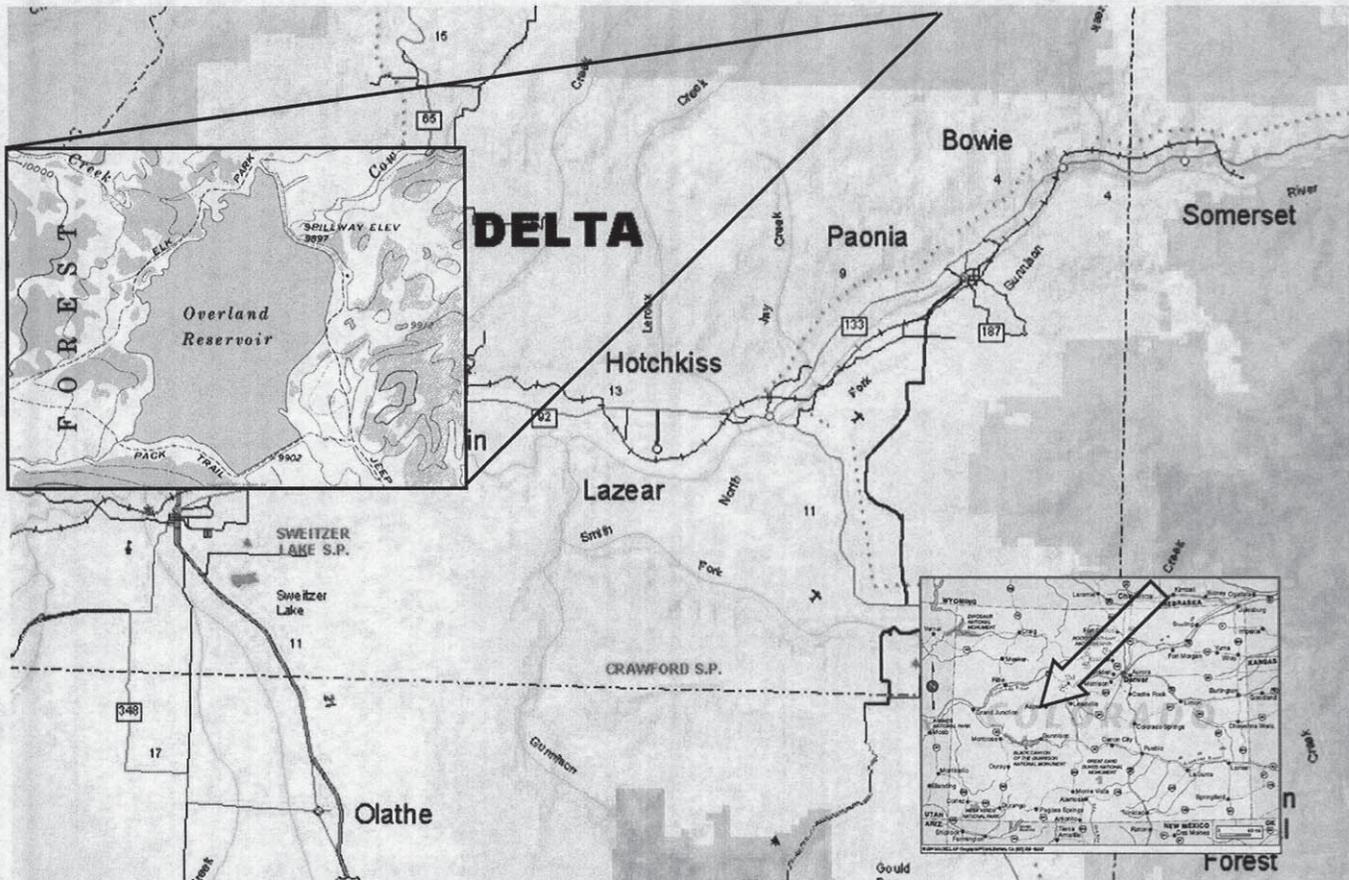


Location Map

**CWCB Construction Loan Program
Project Data Sheet**

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

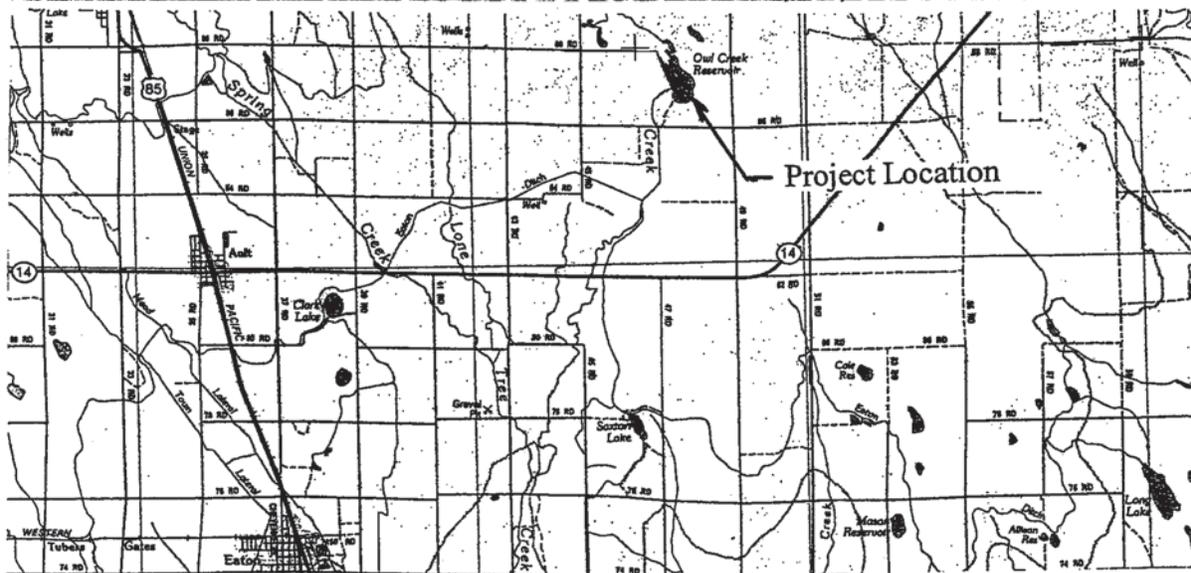
Total Project Cost: \$1,250,000 **Funding Source:** CWCB

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

**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

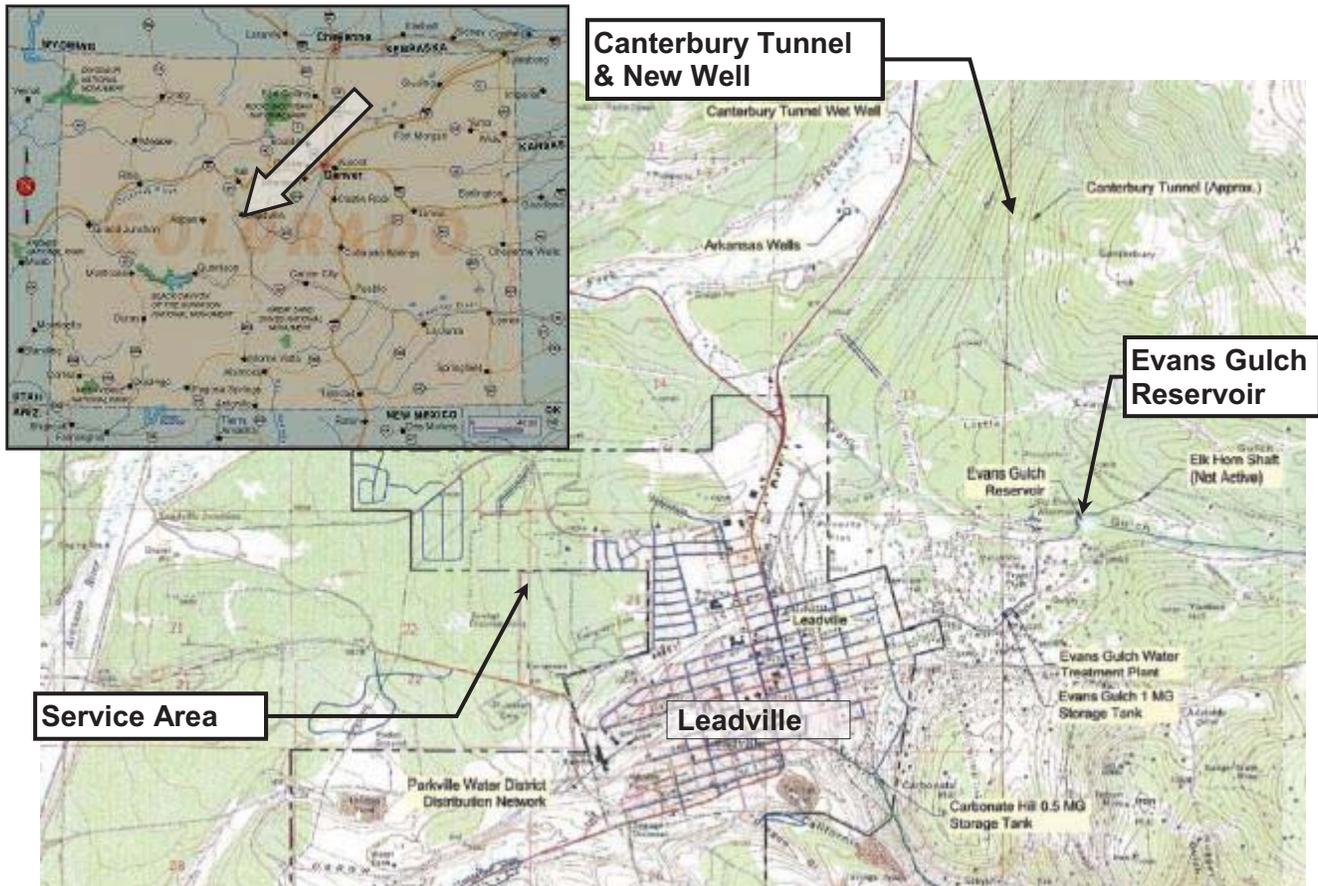
Type of Borrower: Low Income - Municipal

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.



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

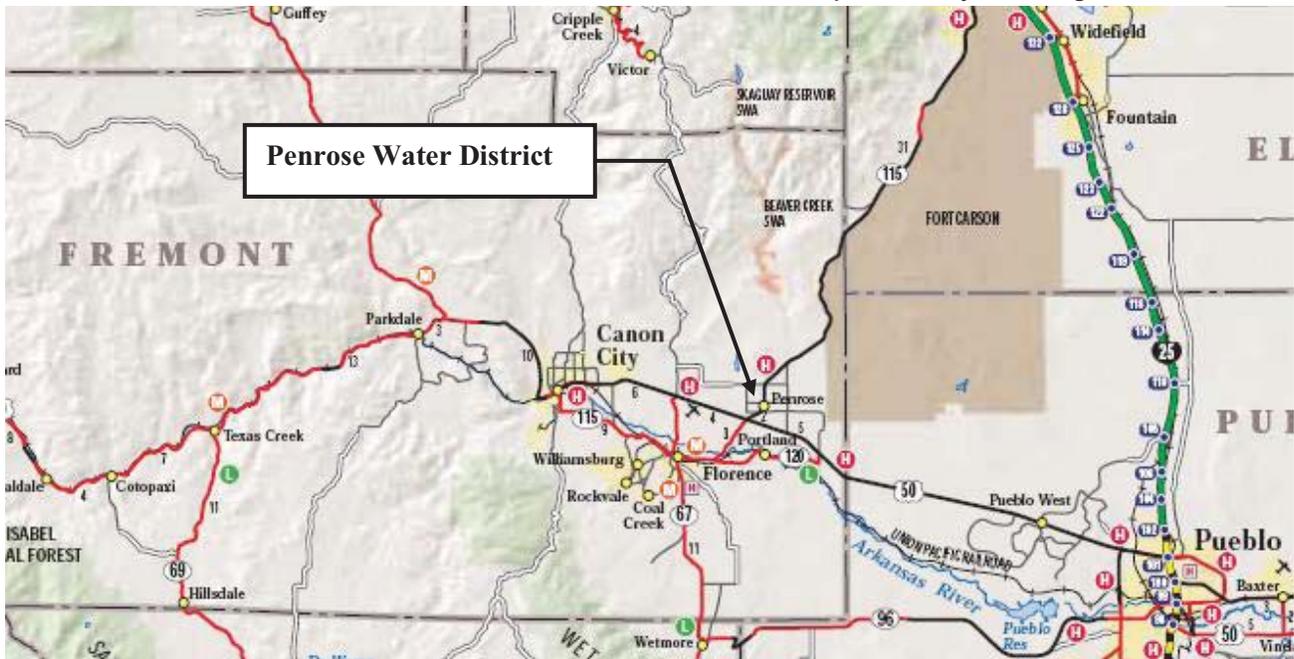
Type of Borrower: Municipal/Low

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 10/12th 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

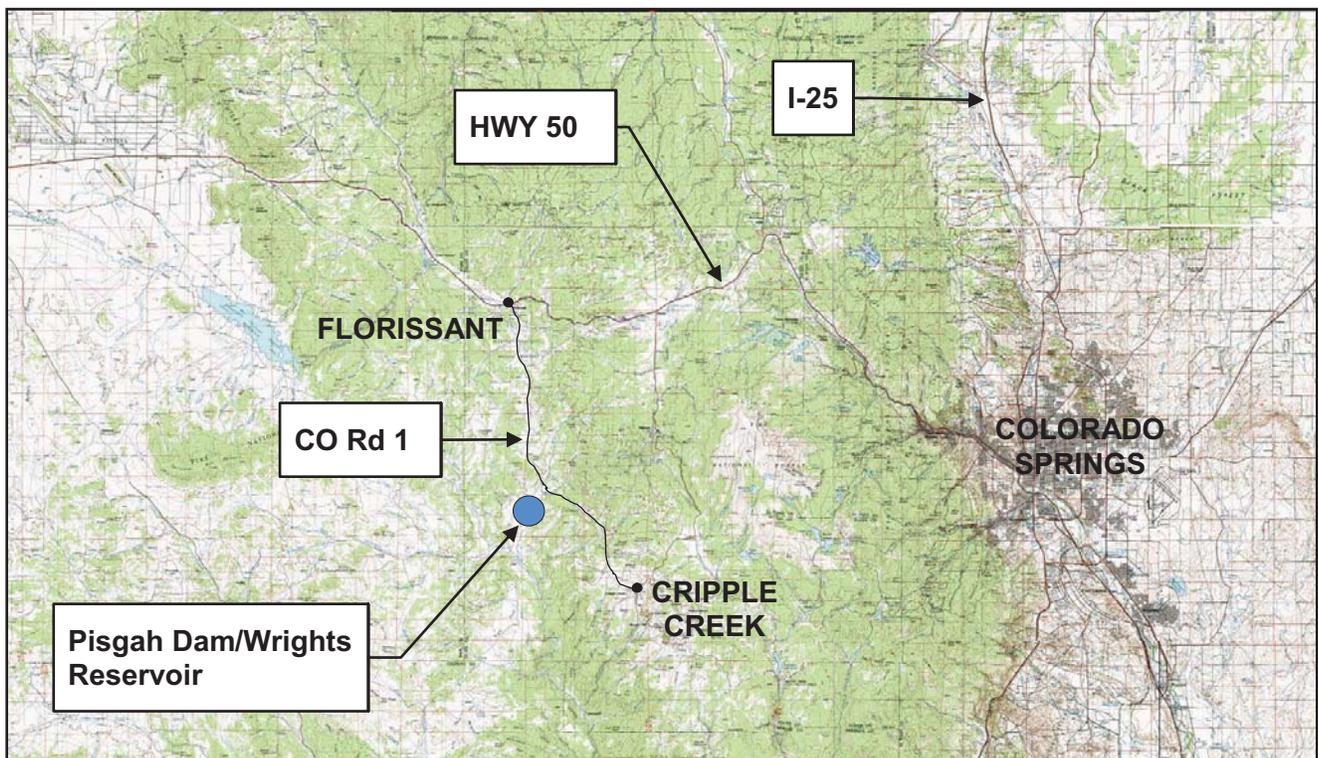
Type of Borrower: Blended (93% Ag, 7% low-income Muni)

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.

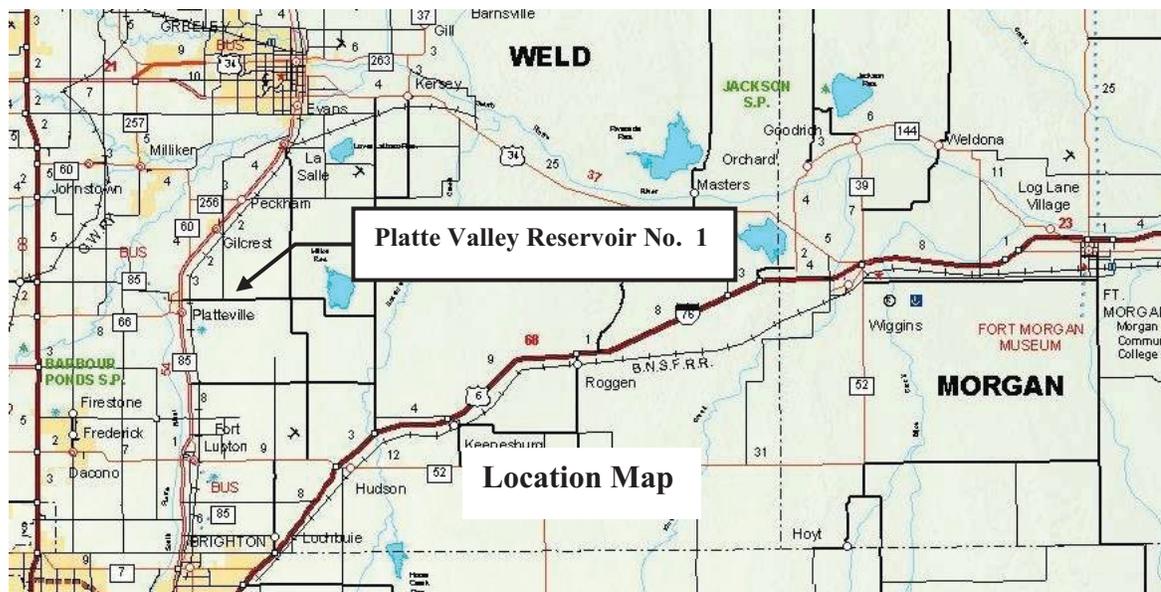
LOCATION MAP



Water Project Construction Loan Program - Project Data

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

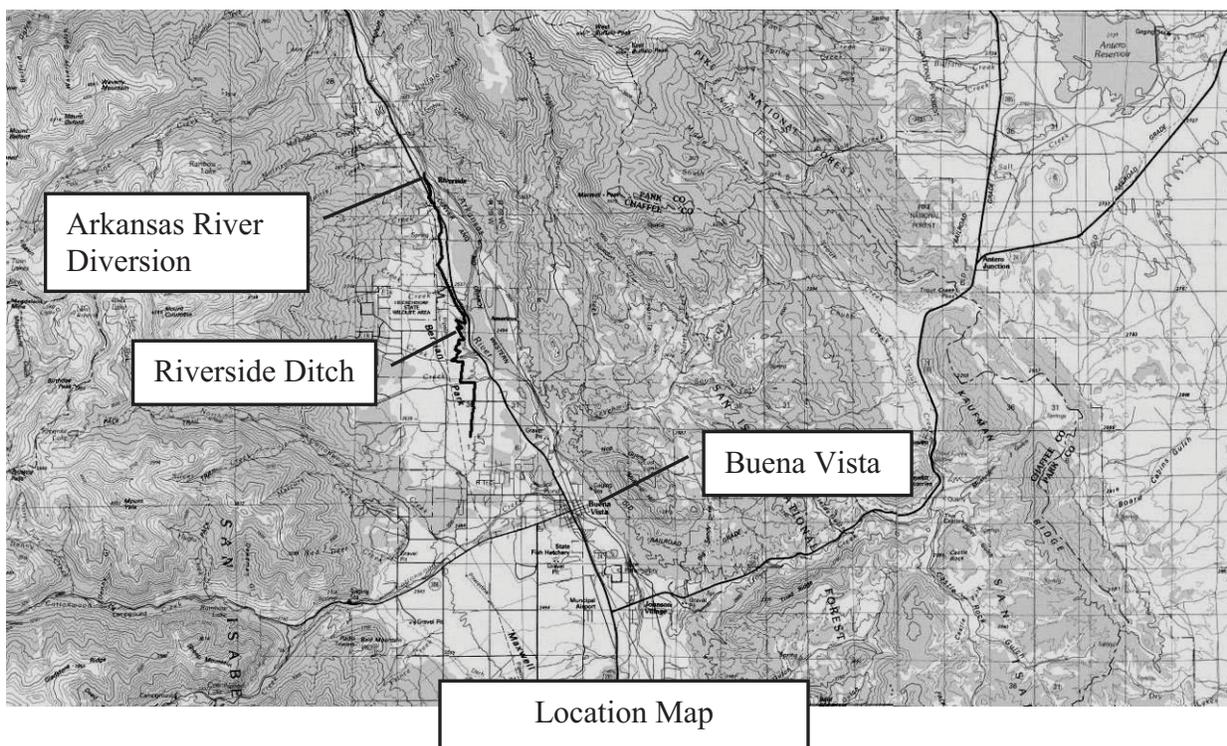
Type of Borrower: Agricultural

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

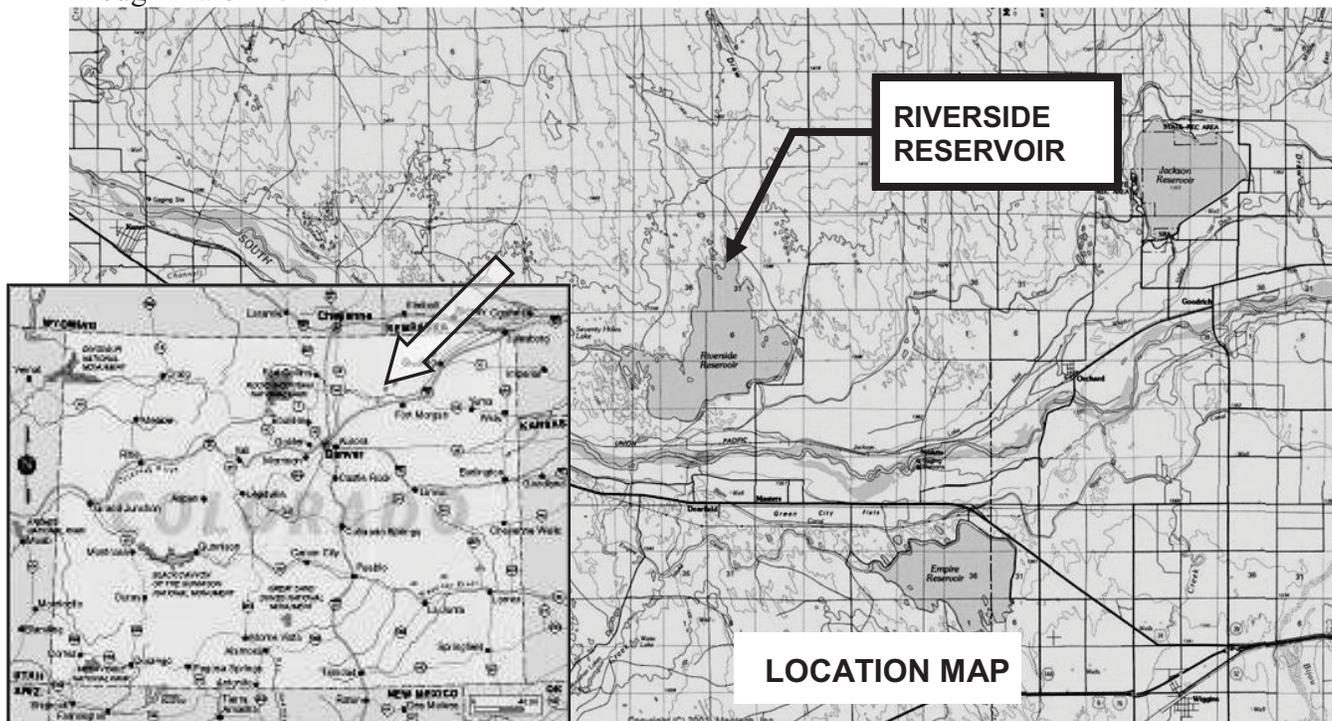
Type of Borrower: Agricultural

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.



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

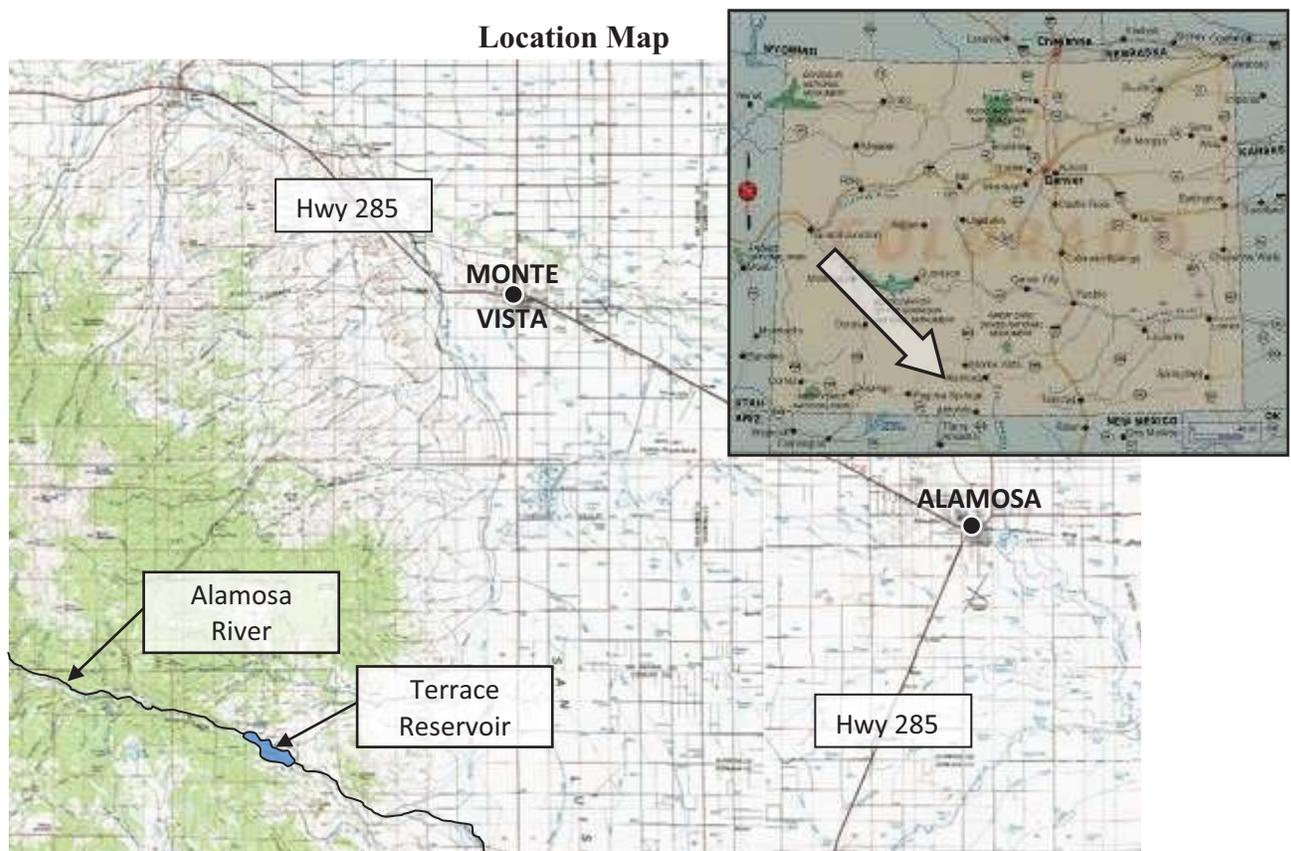
Avg. Annual Delivery: 15,339 AF

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

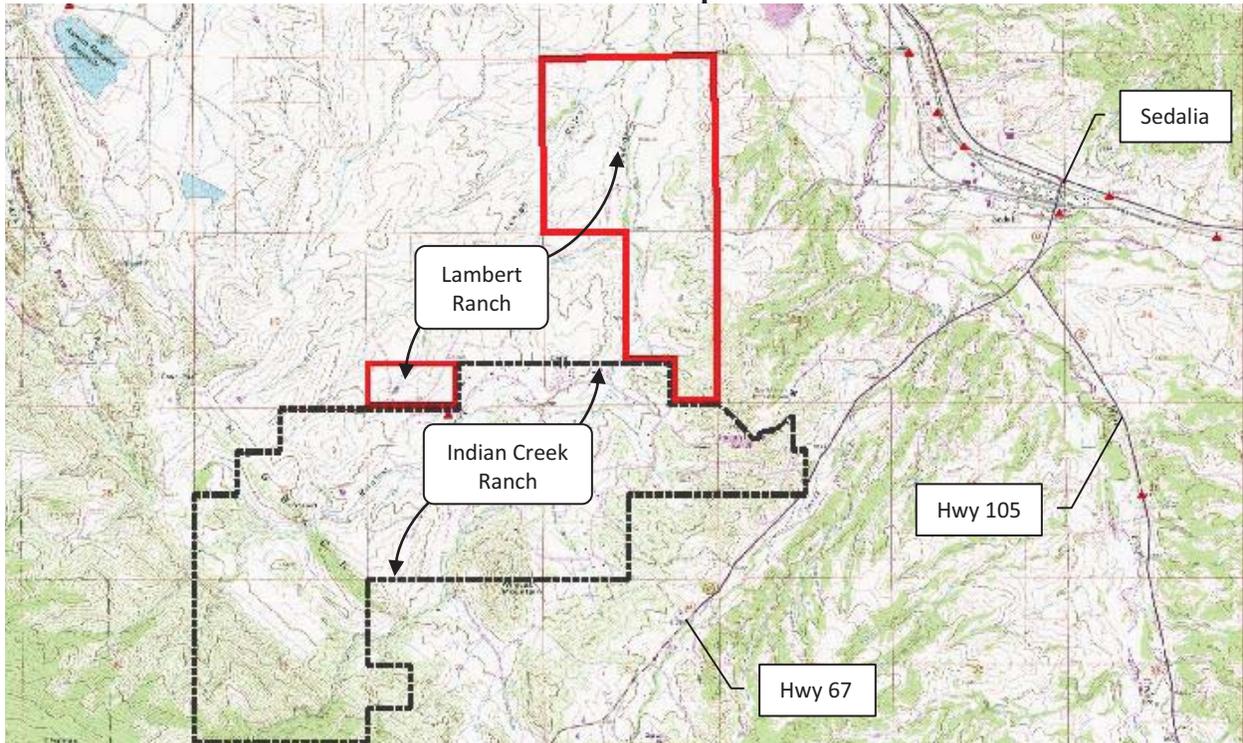
Avg. Annual Delivery: 55 AF

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

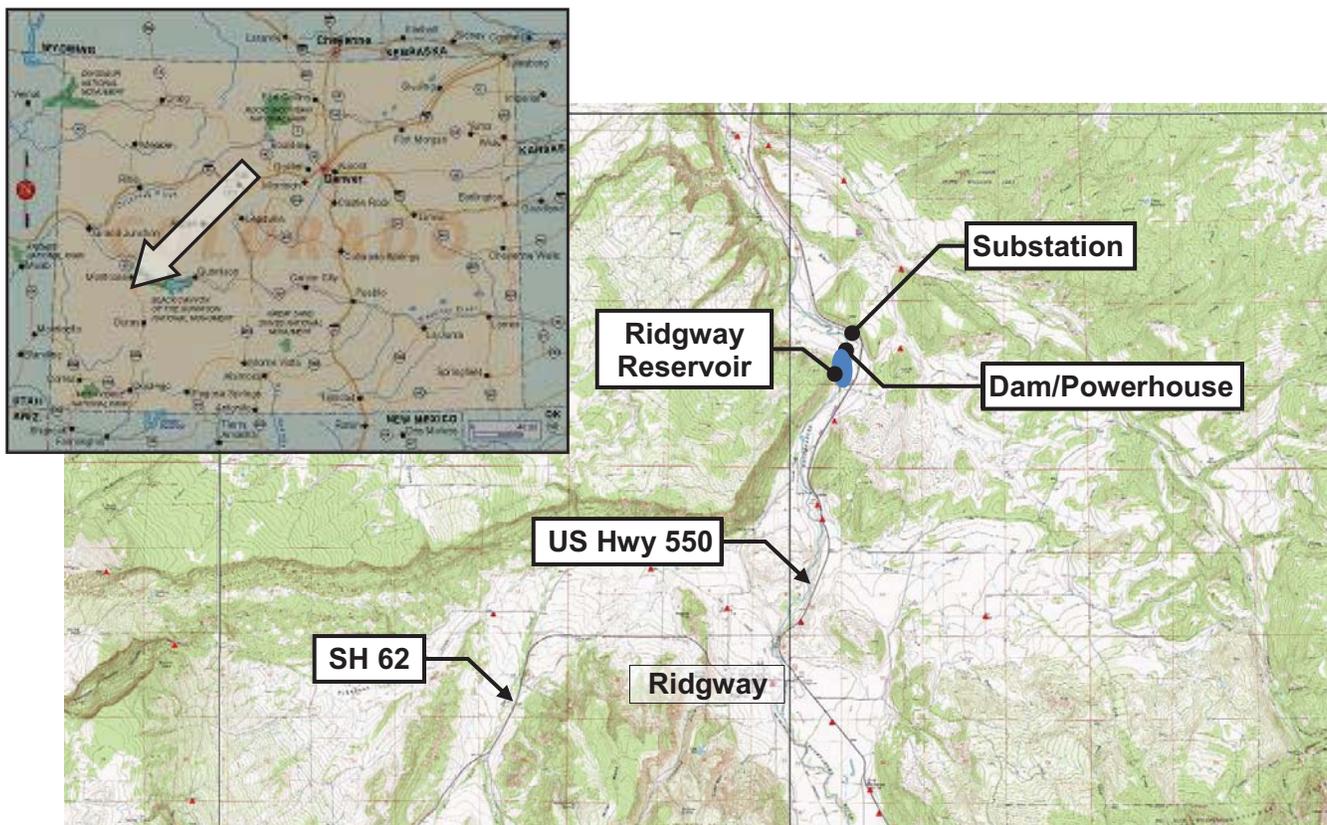
Drainage Basin: Gunnison, District 68 **Water Source:** Uncompahgre River

Total Project Cost: \$18,172,000 **Funding Sources:** Construction Fund, CWRPDA, GEO

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

Loan Amount: \$9,090,000 (Including 1% fee) **Interest Rate:** 2.00% **Term:** 30 years

The Tri-County Water Conservancy District (District) is requesting a CWCB loan for the construction of a 7MW hydroelectric power generating facility at Ridgway Reservoir. The project will be permitted through the “Lease of Power Purchase” process with the Bureau of Reclamation (Bureau), 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 2012 and take approximately 2 years to complete, with energy production expected by spring 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

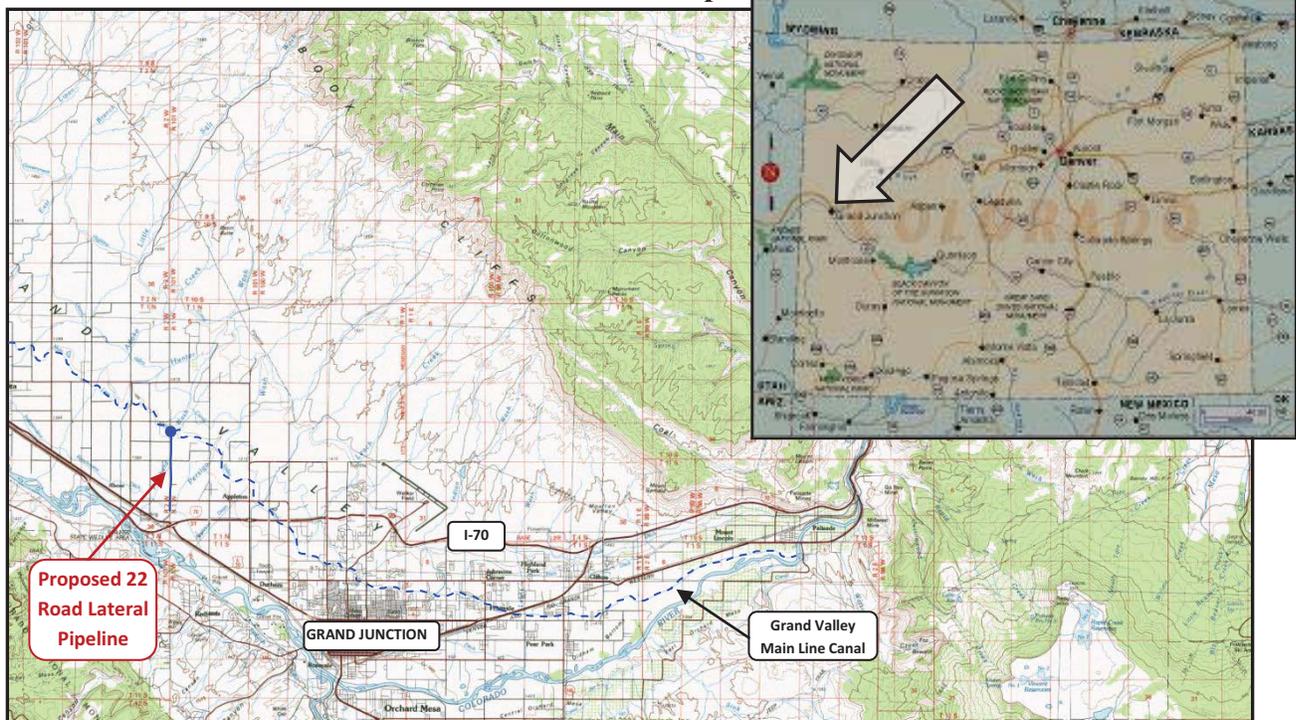
Avg. Annual Diversion: 1,334 AF

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.

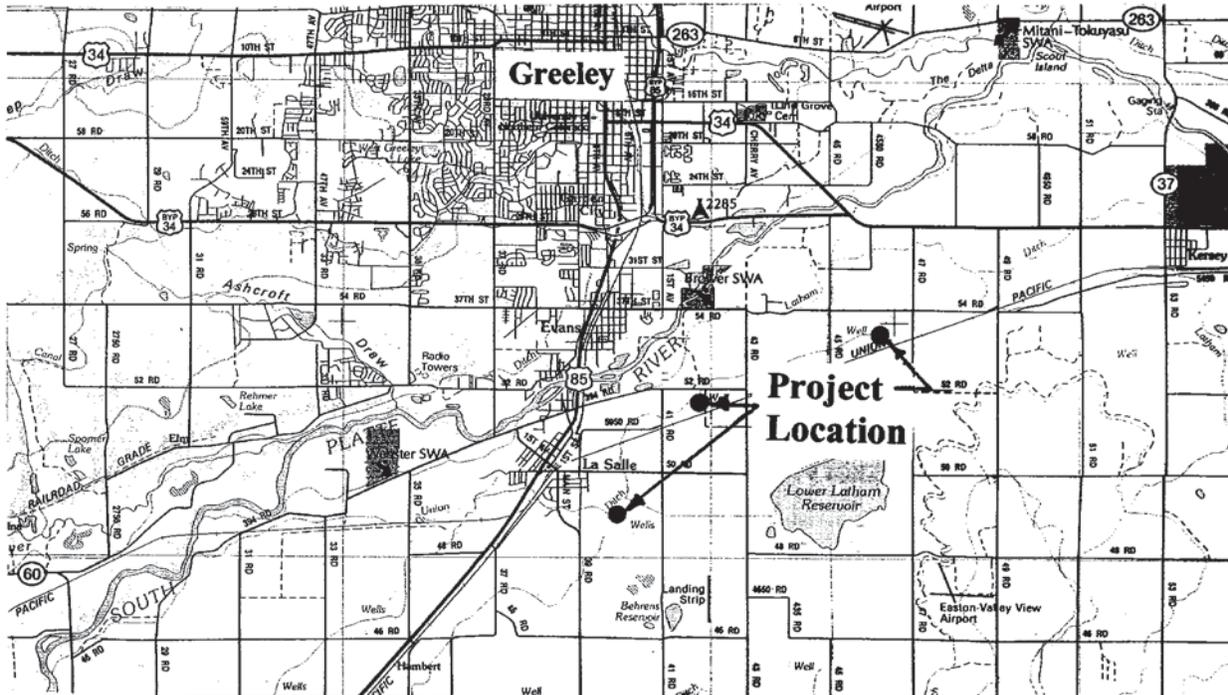
Location Map



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.

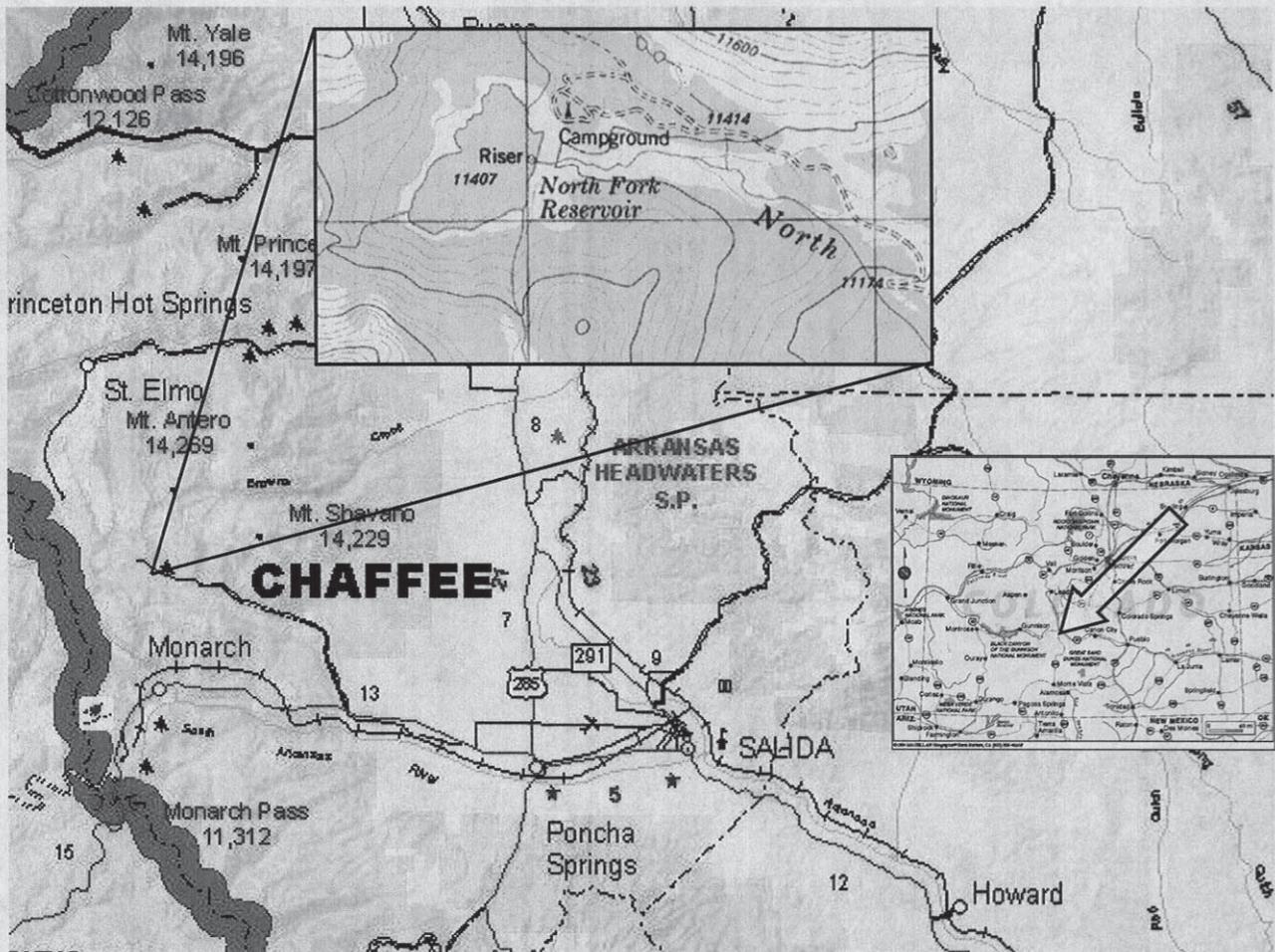


Location Map

**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.



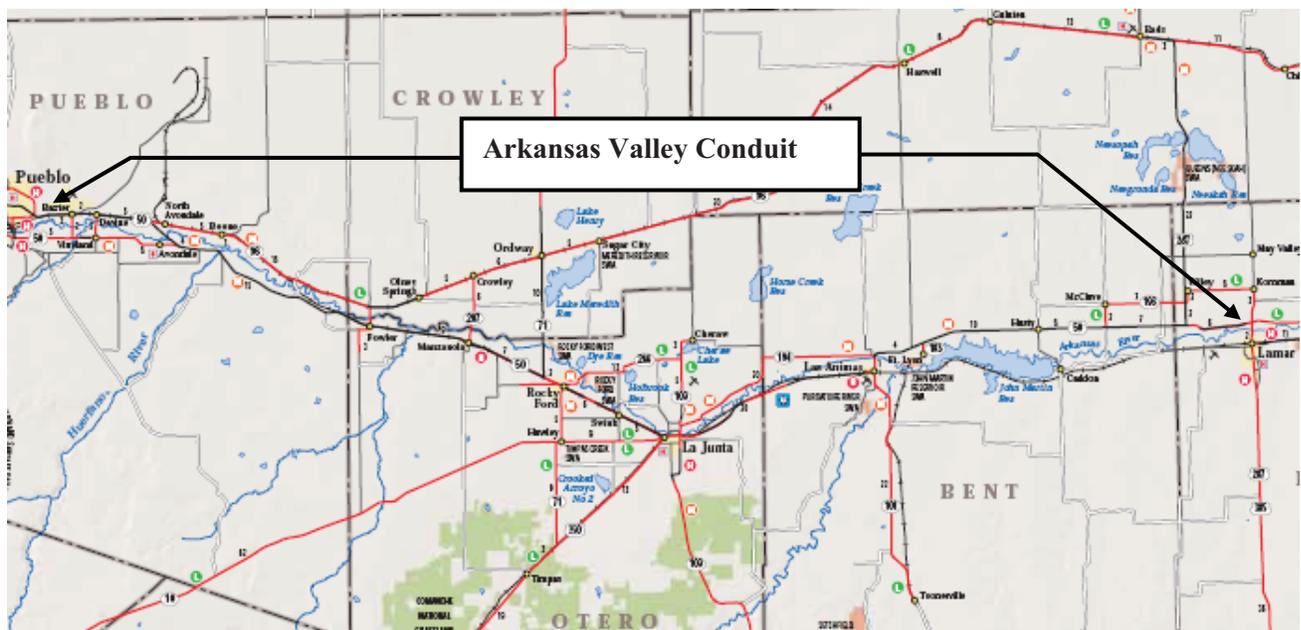
LOCATION MAP

Projects Not Under Contract

Water Project Construction Loan Program - Project Data

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

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)	Interest Rate: 4.0% Term: 30 years
WSRA Grant: \$500,000	

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 N/AIP 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

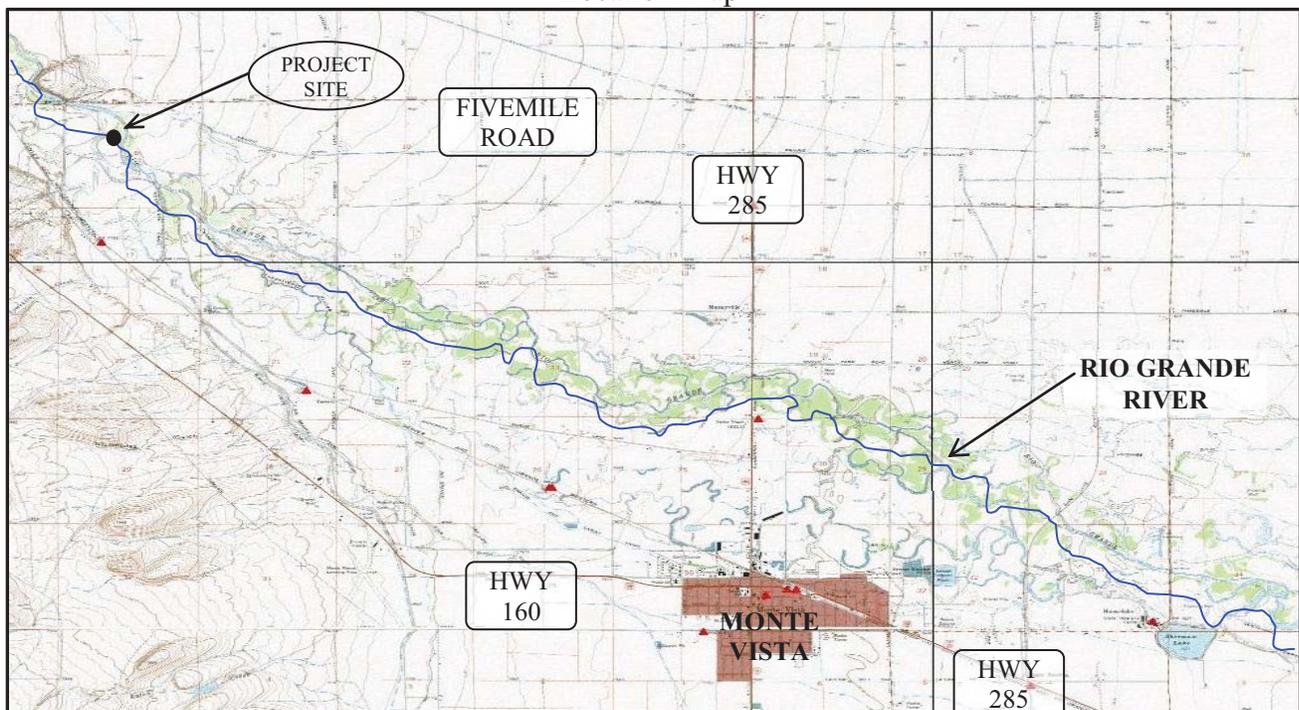
Avg. Annual Diversion: 5,018 AF

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

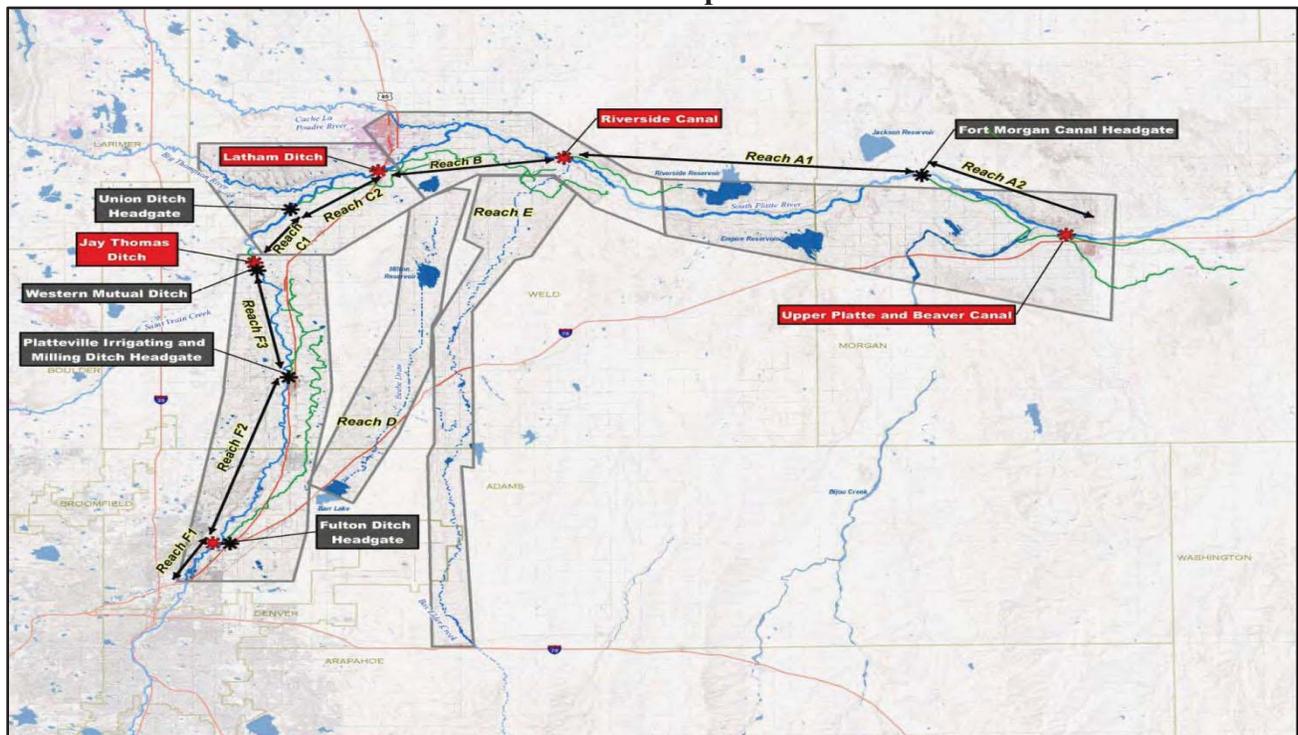


Water Project Loan Program – Project Data Sheet

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

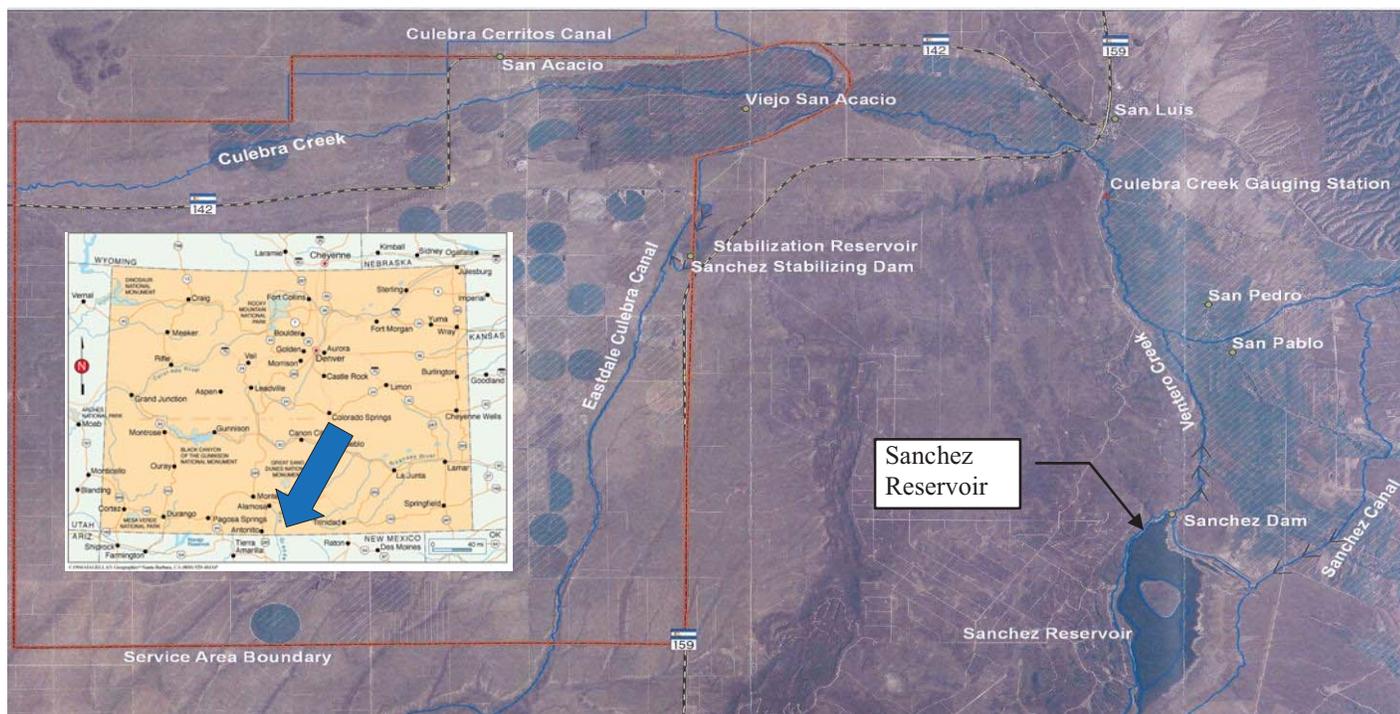
Funding Sources: Construction Fund & WSRA (Basin & Statewide funds)

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.

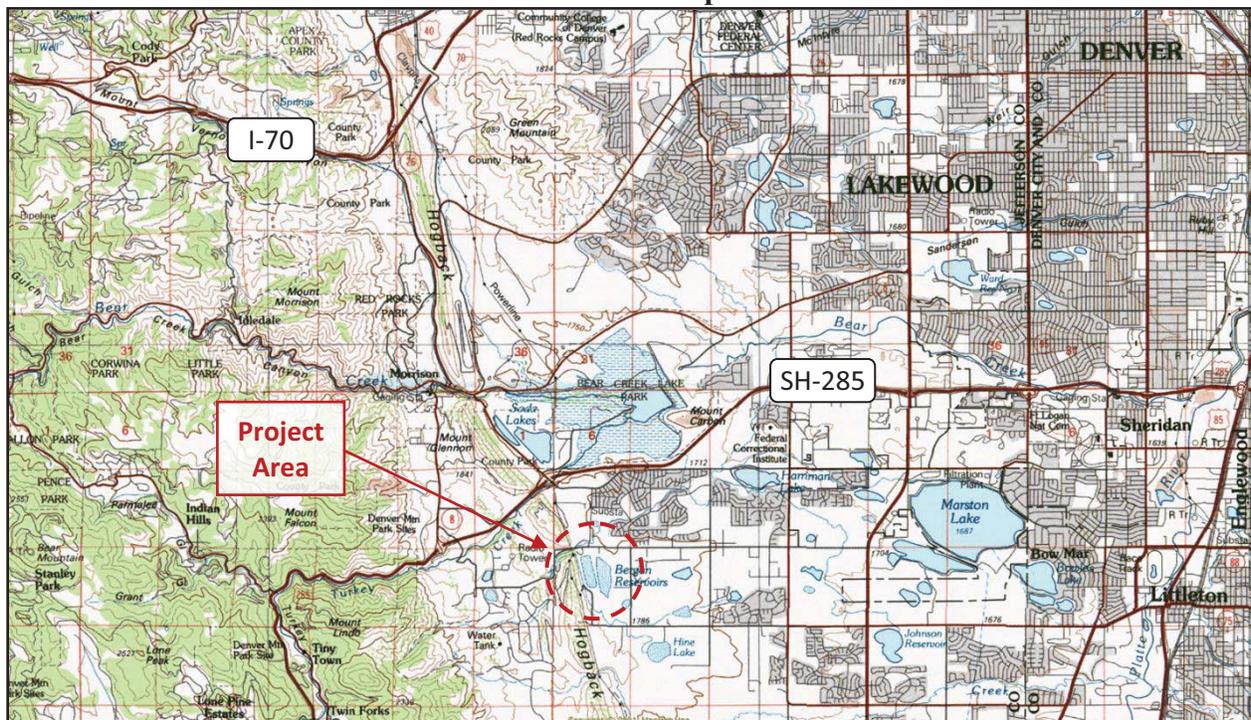


Water Project Loan Program – Project Data Sheet

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



**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

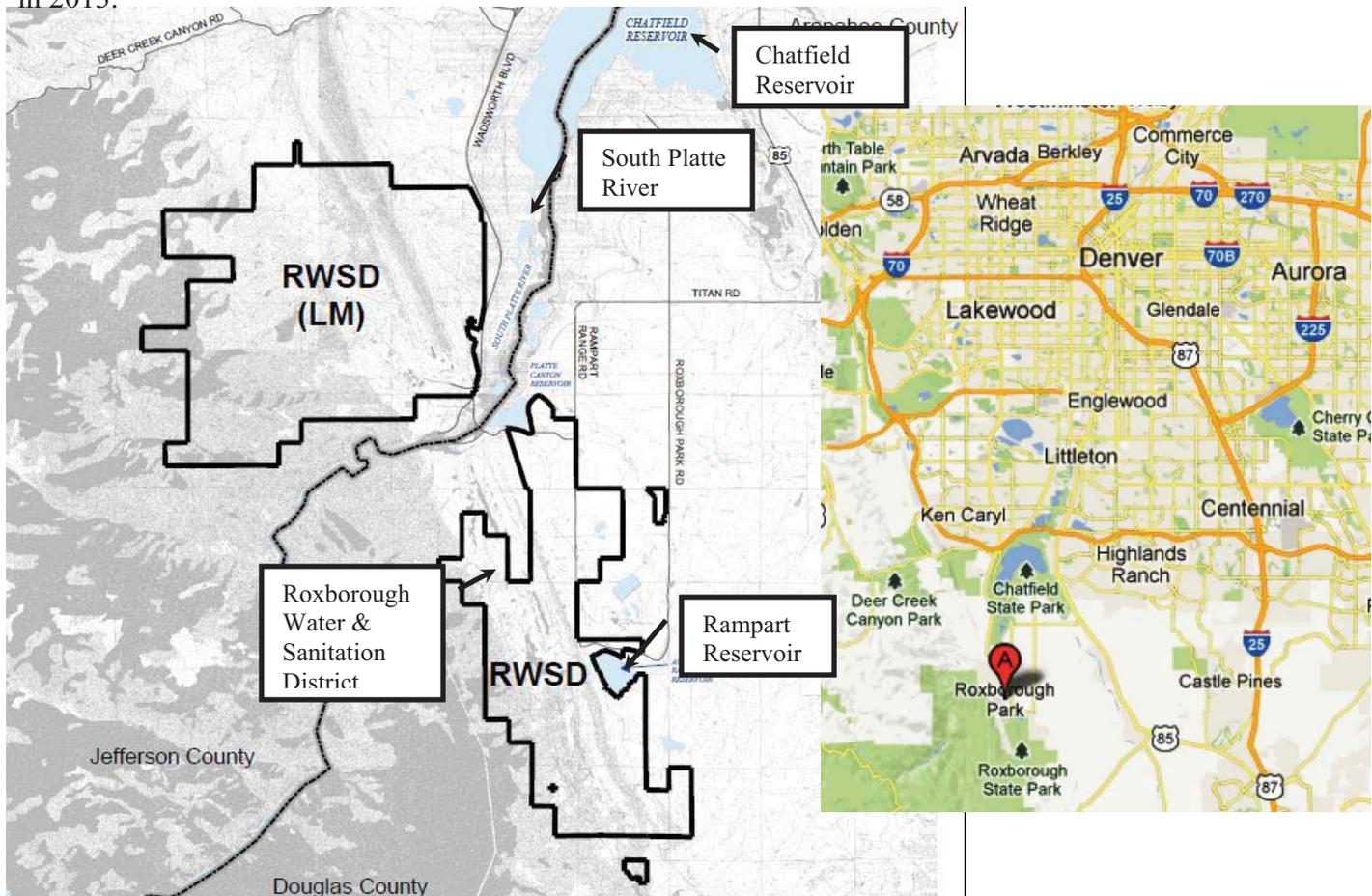
Funding Source: Construction Fund

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

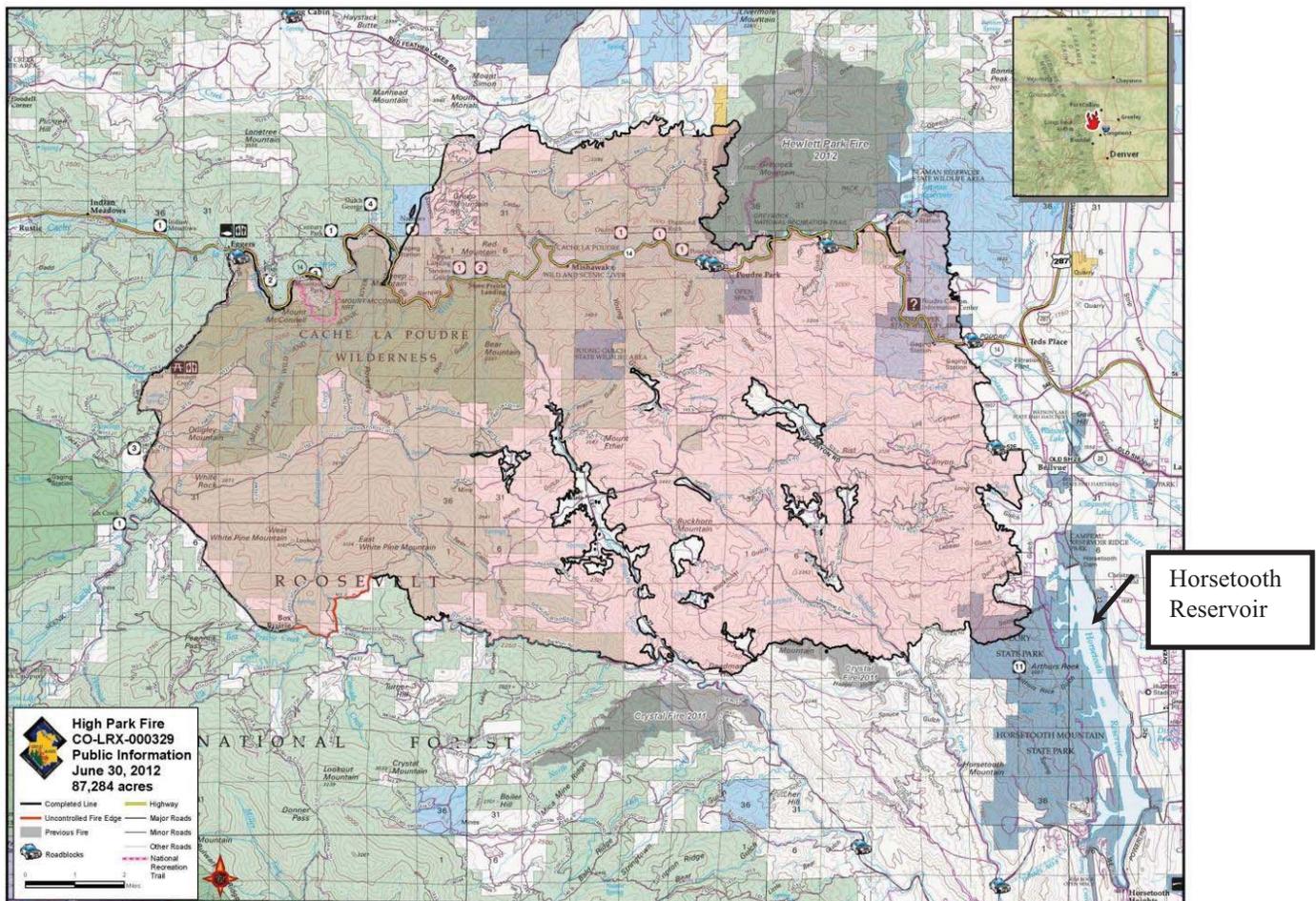
Type of Borrower: High-income municipal

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.



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

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

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

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

(1) Case No.1-11CW207 Application of Doug and Scott Brauer

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 plan for augmentation does not injure the Board's instream flow water right on Cherry 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 right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-94CW246	Cherry Creek	7/3.5/1.5/3.5	12/22/1994	Middle South Platte	Douglas

Applicant agreed to standard terms regarding accounting and retained jurisdiction. Once all the facts were presented, additional protective terms and conditions were not necessary in the final decree.

(2) Case No. 2-11CW081: Application of the City of Aurora, Colorado, acting by and through its Utility Enterprise

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed appropriative rights of exchange do not injure the Board's instream flow water rights on the East Fork Eagle River, Lake Fork Creek, or Lake 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:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-85CW262	East Fork Eagle River	1.5	5/3/1985	Eagle	Eagle
2-77W4654	Lake Fork Creek	15	1/19/1977	Arkansas headwater	Lake
2-77W4655	Lake Fork Creek	20	1/19/1977	Arkansas headwater	Lake
2-75W4271	Lake Creek	15	5/1/1975	Arkansas headwater	Lake

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

- Aurora shall not operate the exchanges so as to prevent any intervening water right senior to the priority of these exchanges, including any other decreed appropriative right of exchange senior to these exchanges, from diverting the amount of water to which it would have been legally entitled in

the absence of these exchanges, subject, however, to the requirements of C.R.S. §37-92-102(2)(b). Without limiting the generality of the foregoing:

- Any exchange into Twin Lakes Reservoir may be operated only to the extent the flow in Lake Creek below the reservoir exceeds the instream stream flow decreed in Case No. W-4271, Water Division 2.
- Any exchange into Turquoise Reservoir may be operated only to the extent the flow in Lake Fork Creek below the reservoir exceeds the instream stream flows decreed in Cases No. W-4654 and W-4655, Water Division 2.
- Aurora shall make releases of substitute supply, in amounts equal to its upstream diversions, concurrently with such upstream diversions made pursuant to the appropriative rights of exchange decreed herein.
- Nothing in this exchange decree expands or limits any of the decreed type of uses or places of use of the sources of substitute supply.
- “The diversions [by exchange] at the upstream point take on the character of the water right used as a source of downstream substitute supply.” *Centennial Water & San. Dist. v. City and County of Broomfield*, 256 P.3d 677, 686 684 (Colo. 2011). “Because exchanges involve a delivery of substitute supply water to the stream and continuity with an upstream diversion, a non-injurious diversion at the upstream point must take on the character of the water right used as a source of downstream supply.” *Id.* at 686.

(3) Case No. 4-12CW083 – Application of Stephen K. Wood and Margaret P. Wood

The Board ratified this statement of opposition at its November 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 right on Big 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:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
4-76W2920	Big Creek	1.0	7/30/1976	Lower Dolores	Mesa

The Applicant has agreed to the following protective term and condition:

- Instead of stating “There are no intervening water rights decreed to this reach of Big Creek,” the decree now states “The Colorado Water Conservation Board holds instream flow water rights on Big Creek, decreed in Case No. W-2920, Water Division 4, entered March 31, 1977, for 1.0 c.f.s. for the preservation of the natural environment with an appropriation date of July 30, 1976.”
- Diversions from the changed points of diversion described in the final decree in Case No. 4-12CW083 will be limited to use on the historically irrigated area during the historical season of diversion of the Pine Mesa Ditch water right. Cumulative and simultaneous diversions at such points of diversion shall not exceed the decreed amount of diversions for the Pine Mesa Ditch.

(4) Case No. 5-06CW015 Application of Bard & Co., Inc.

The Board ratified this statement of opposition at its July 2006 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 right on the Eagle River by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney

General’s office, has negotiated a settlement to ensure that the CWCB’s instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-80CW124	Eagle River	130/50	3/17/80	Eagle River	Eagle

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

- At times when a valid call by downstream senior water rights is being enforced, including senior instream flow rights of the CWCB, out-of-priority depletions resulting from the operation of Applicant’s junior water rights will be replaced with water delivered into the appropriate stream pursuant to Applicant’s water supply contracts, as more specifically described below:
 - o When the calling senior water right is located on the Colorado River downstream of the confluence of the Roaring Fork and Colorado Rivers, depletions may be replaced with releases of water from Wolford Mountain and/or Ruedi Reservoirs pursuant to Applicant’s Colorado River Supply Contract or with water released into the Eagle River pursuant to Applicant’s Eagle River Supply Contract. The water released from Ruedi Reservoir will be exchanged to the points of diversion of VVRVR Pump & Pipeline and VVRVR Wellfield pursuant to the VVRVR Ruedi Exchange; water released from Wolford Mountain Reservoir will be exchanged to the points of diversion of VVRVR Pump & Pipeline and VVRVR Wellfield pursuant to the VVRVR Wolford Exchange;
 - o When the calling senior water right is located on the Colorado River upstream of the confluence of the Roaring Fork and Colorado Rivers and downstream of the confluence of the Eagle and Colorado Rivers, depletions may be replaced with releases of water from Wolford Mountain pursuant to Applicant’s Colorado River Supply Contract or with water released into the Eagle River pursuant to Applicant’s Eagle River Supply Contract. The water so released from Wolford Mountain Reservoir will be exchanged to the points of diversion of VVRVR Pump & Pipeline and VVRVR Wellfield pursuant to the VVRVR Wolford Exchange;
 - o When the calling senior water right is located on the Eagle River upstream of the confluence of the Eagle and Colorado Rivers, diversions for irrigation will cease and depletions from all other uses will be replaced with water delivered into the Eagle River above Applicant’s property pursuant to Applicant’s Eagle River Supply Contract.
- Prior to the construction and/or operation of the subject wells, Applicant shall obtain well permits issued pursuant to C.R.S. §37-90-137(2) and the plan for augmentation approved in this decree. For any well that will not be located within 100 feet of the Eagle River, Applicant will conduct a lagged depletion analysis acceptable to the State or Division Engineer to determine the precise timing, location and amount of depletion resulting from the operation of each such well and shall adjust its operation of the plan for augmentation approved herein as necessary to replace any out-of-priority depletions, including delayed depletions, in time, place and amount.
- Effluent from the wastewater treatment plant shall be delivered into the Eagle River at a point upstream of the VVRVR Pump & Pipeline and the depletions from the most upstream well.
- In its application to make the subject conditional groundwater rights absolute, Applicant shall identify the specific location of each well, and shall include any additional terms and conditions necessary to avoid injury to other water rights resulting from the actual locations of the well(s). This may result in changes to any terms and conditions of this decree that are specific to the ultimate location of the wells, including terms that address the lagged impact of well pumping.

(5) Case No. 5-07CW229: Application of West Divide Water Conservancy District

The Board ratified this statement of opposition at its March 2008 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 and appropriative right of exchange does not injure the Board’s instream flow water rights on Elk Creek, East Rifle Creek and Rifle 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:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-80CW314	Elk Creek	10/6	05/07/80	Colorado River	Garfield
5-80CW315	Elk Creek	15/8	05/07/80	Colorado River	Garfield
5-80CW317	East Rifle Creek	6	05/07/80	Colorado River	Garfield
5-80CW321	Rifle Creek	9/5	05/07/80	Colorado River	Garfield

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

- The total amount of *out-of priority* augmentation water available to this plan is 100 acre feet. However, total annual depletions from West Divide’s contractees may exceed this total. During times of a senior call that is recognized and administered by the Division Engineer, West Divide will ensure its depletions do not exceed 100 acre feet. Further, West Divide will ensure that irrigation season depletions to Rifle Creek do not exceed 100 acre feet. West Divide must ensure that the total amount of out-of-priority depletions (including diversions as appropriate) accruing to the stream in any month do not exceed the amount of substitute supply available to replace such depletion in that month. By April 1st of each year, the Applicant shall submit to the Division Engineer a projection of all out-of-priority depletions, including all lagged depletions, by West Divide’s contractees for the following three years to ensure that sufficient replacement water is available to cover all out-of-priority depletions (including diversions as appropriate) under this plan for augmentation. Each year’s projection shall be updated, from time to time, as new contractees are added to this plan.
- Call from CWCB Instream Flow Rights on East Rifle Creek. West Divide will turnout water from a gate (which gate shall operate as an augmentation station) on the Grass Valley Canal directly into East Rifle Creek. The bypass will be equal to the amount of out-of-priority depletions of West Divide’s contractees depleting the instream flow reach where the CWCB is exercising a call that is recognized and administered by the Division Engineer. In order to offset any potential seepage losses, West Divide will add 1% to its calculated bypass requirement. Silt Water will receive an equal volume of water from West Divide’s account in Harvey Gap Reservoir. If the calling instream flow is located below Rifle Gap Reservoir, the Division Engineer will be responsible for routing the releases through the reservoir.
- Call from CWCB Instream Flow Rights on Elk Creek. West Divide will turnout water from the West Elk Lateral of the Grass Valley Canal and deliver this water to Elk Creek above the CWCB calling water right. The bypass will be equal to the amount of out-of-priority depletions of West Divide’s contractees depleting the instream flow reach where the CWCB is exercising a call that is recognized and administered by the Division Engineer. In order to offset any potential seepage losses, West Divide will add 1% to its calculated bypass requirement. Silt Water will receive an equal volume of water from West Divide’s account in Harvey Gap Reservoir. A measuring device will be installed to monitor releases from the Grass Valley Canal to Elk Creek. It is anticipated that the releases will use existing irrigation pipelines and/or new pipelines to deliver water to a live stream reach. The Division

Engineer will be responsible for routing the releases past the headgates of intervening diversion structures to ensure that the water is delivered to the calling water right.

- The Applicant and the CWCB agree, and the Court finds, that because the Grass Valley Canal water rights typically divert all of the water available to the Grass Valley Canal water rights, the water substitution operations under the augmentation plan will not result in any injurious expansion of use of the water rights decreed to divert through the Grass Valley Canal. In other words, the Grass Valley Canal diversions returned to the stream on behalf of West Divide under the substitution operation are diversions that would occur in the absence of this substitution.

(6) Case No. 5-09CW048: Application of Bill’s Ranch Water Company

The Board ratified this statement of opposition at its September 2009 meeting. The Board’s main objective in filing the statement of opposition in this case was to ensure that the Applicant’s proposed change of water rights and plan for augmentation does not injure the Board’s instream flow water right on Miner’s Creek by expansion of use, and by not replacing out-of-priority depletions in proper time, place, or amount. The Applicant’s augmentation plan was incorporated into Summit County’s augmentation plan in Case No. 07CW211, wherein 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 application in Case No. 5-09CW048 was dismissed on motion by the Applicant without prejudice on January 26, 2013.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-85CW649	Miner’s Creek	1.5	11/8/1985	Blue River	Summit

Invasive Pteridophyte Control Program - 2012-13 Applications

Applicant	Location (Stream, Town or County, Basin)	Project	Funding Request	Rank	Recommended Funding
Spanish Peaks-Purgatoire River Conservation District	Purgatoire River and Upper Tributaries	Purgatoire River Watershed Riparian Rehabilitation Project, Phase II	\$100,000	1	\$100,000
City and County of Denver Parks and Recreation	Bear Creek in Denver	Bear Creek Watershed Improvement Project	\$43,243	2	\$43,243
The Nature Conservancy	Dolores River in Mesa and Montrose Counties	Dolores River Restoration - Montrose and Mesa Counties	\$100,000	3	\$90,000
Yuma County Pest Control District	Republican River Watershed in Yuma, Washington, and Republican River Watershed Riparian Restoration Project	Republican River Watershed Riparian Restoration Project	\$100,000	4	\$90,000
Boulder County Parks and Open Space	St. Vrain Watershed in Boulder County	Boulder Co. 2013 Collaborative Invasive Pteridophyte Control Project	\$70,000	5	\$60,000
Shavano Conservation District	Uncompanghe River within City of Montrose	Uncompanghe Riverway Restoration Project	\$100,000	6	\$75,000
Delta Conservation District	North Park Gunnison River nr. PauchaH oldhiss	N.F. Gunnison River Corridor Invasive Pteridophyte Removal Project	\$56,090	7	\$41,500
Foothills Park and Recreation District	Jefferson Co. - Turkey and Dutch Creeks, Massey Draw	Russian Olive and Tamariak Control Project at Foothills Park & Recreation District	\$41,000	8	\$0
Western Colorado Conservation Corps	Colorado River in Mesa County	Grand Valley Riparian Restoration Collaborative Project	\$57,120	9	\$0
Weld County Weed Division	St. Vrain in Weld County to confluence with S. Platte Rr. Tamariak and Russian Olive Tree Eradication on the St. Vrain River in Weld County		\$46,000	10	\$0
Total			\$713,453		\$499,743



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
Arkansas	Southeastern Colorado Water Conservancy District	Non-native Pineaophyte Trees & Mapping Project	Mar-07	\$0	\$50,000	\$50,000	Other	8000000005		6/30/09
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	Colorado State Parks Zebra Mussel Response	Mar-08	\$100,000	\$200,000	\$300,000	Municipal & Industrial	C150424	12/31/09	9/23/09
Arkansas	Colorado State Parks	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	Sep-08	\$0	\$1,000,000	\$1,000,000	Other	C150416	6/30/09	6/30/10
Arkansas	Upper Arkansas Water Conservancy District	John Martin Wetlands & Neenose Reservoir Nonconsumptive Needs Quantification	May-09	\$148,975	\$0	\$148,975	Needs Assessment	C150457	6/30/12	6/28/12
Arkansas	Lower Arkansas Valley Water Conservancy District	UAWCD Hydrologic Water Balance Study	Sep-09	\$0	\$180,000	\$180,000	Needs Assessment	C150460	6/30/13	9/25/12
Arkansas	Southeastern Colorado Water Conservancy District	Stakeholder's Cooperative Management Analysis for the Upper Arkansas River Basin	Jul-10	\$33,600	\$0	\$33,600	Nonconsumptive	11000000012	8/31/11	12/31/11
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Fountain Creek Fish Marking and Monitoring Study	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	110000000131	12/31/12	12/31/12
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	OE131BC000005	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 Basin Total Request				\$983,611	\$1,972,802	\$2,956,413				
Number of Projects				20						
Arkansas/Colorado/Gunnison	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/Metro Basin Total Request				\$60,000	\$0	\$60,000	Other	110000000008	6/30/11	6/30/11
Number of Projects				1						
Colorado	Reed Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Nonconsumptive	8000000012		6/30/08
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	6/30/08
Colorado	Grand County	Vail Ditch Project	Mar-07	\$0	\$1,500,000	\$1,500,000	Agricultural	C150409	6/30/08	6/30/08
Colorado	Colorado River Water Conservation	Upper Colorado Endangered Fish Recovery Alternatives	Mar-07	\$0	\$200,000	\$200,000	Nonconsumptive	C150404	6/30/08	6/30/08

ATTACHMENT 8													
Basin	Project Name	Description	Start Date	Est. Cost	Funding Source	Priority	Category	Agency	Phase	Completion Date	Notes	Attachments	
Colorado	District	Analysis: (10.825)											
Colorado	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sep-07	\$50,000	\$0	\$50,000	Agricultural	8000000039	6/30/10	2/25/09			
Colorado	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	\$100,000	Municipal & Industrial	9000000026	6/30/09	3/2/10			
Colorado	Grand County	Fraser Sedimentation Basin	Mar-08	\$60,000	\$127,900	\$187,900	Nonconsumptive	C150449	6/30/12	12/28/11			
Colorado	Grand County	Grand County Stream Flow Management Plan	May-08	\$100,000	\$0	\$100,000	Nonconsumptive	C150461	6/30/11	12/16/10			
Colorado	Rural Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000	\$0	\$40,000	Nonconsumptive	9000000049	10/1/09	10/1/09			
Colorado	West Divide Water Conservancy District	Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Sep-08	\$40,000	\$0	\$40,000	Municipal & Industrial	9000000052	8/31/09	9/2/09			
Colorado	Trout Unlimited	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Nonconsumptive	11000000126	12/31/12	12/23/11			
Colorado	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	\$315,171	\$0	\$315,171	Needs Assessment	C150451	6/30/12	6/14/12			
Colorado	Colorado Foundation for Water Education	Solicitation of Stakeholders input and advice through a Colorado River Basin edition of Headwaters Magazine	Sep-10	\$25,000	\$0	\$25,000	Education	11000000039	6/30/11	6/28/11			
Colorado	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Agricultural	11000000097	6/30/11	6/1/11			
Colorado	Eagle Park Reservoir Company	Enlargement of Eagle Park Reservoir	Jan-13	\$100,000	\$400,000	\$500,000	Municipal & Industrial	C150401					
Colorado Basin Total Request				\$975,171	\$2,227,900	\$3,203,071							
Number of Projects 15													
Gunnison	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure	May-07	\$35,000	\$0	\$35,000	Municipal & Industrial	8000000021	6/30/13				
Gunnison	Lenoux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Lenoux Creek Drainage Basin	May-07	\$60,000	\$0	\$60,000	Agricultural	8000000008	6/30/11	6/30/11			
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Municipal & Industrial	8000000007	6/30/08	6/30/08			
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Remaining Tasks)	Sep-07	\$0	\$480,000	\$480,000	Municipal & Industrial	C150410	12/31/08				
Gunnison	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sep-07	\$56,700	\$0	\$56,700	Municipal & Industrial	8000000059					
Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sep-07	\$48,000	\$62,700	\$110,700	Agricultural	C150411	12/31/08				
Gunnison	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sep-07	\$0	\$68,000	\$68,000	Agricultural	8000000038	9/30/12	9/30/12			
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Phase II Engineering for Lake San Cristobal Outlet Modification	Jul-08	\$75,265	\$0	\$75,265	Municipal & Industrial	9000000041	6/30/11	4/8/11			
Gunnison	Town of Ridgway	Ridgway Ditch and Lake Oronwanda 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	9000000088	6/30/10	12/15/09			
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Heartland Diversion Dam Fish Passage Feasibility Study	May-09	\$22,100	\$0	\$22,100	Nonconsumptive	9000000144	6/30/10	1/25/10			
Gunnison	City of Ouray	Development of Augmentation Supplies	May-09	\$50,000	\$0	\$50,000	Municipal & Industrial	10000000041	6/30/11	6/30/11			
Gunnison	Valley View Irrigation Association	Valley View Irrigation Improvement	Mar-11	\$0	\$0	\$0	Agricultural	11000000127	12/31/11	7/28/11			
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			
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Heartland Diversion Dam — Partial Dam Removal and Stabilization	Sep-11	\$0	\$0	\$0	Nonconsumptive	121BC0000008	3/31/12	3/31/12			
Gunnison	Grand Mesa Reservoir Company	Liming Outlet for Grand Mesa Reservoir #6	Nov-11	\$19,840	\$0	\$19,840	Agricultural	121BC0000022	12/31/12	11/13/12			
Gunnison Basin Total Request				\$654,055	\$610,700	\$1,264,755							
Number of Projects 16													
Metro	The Greenway Foundation	Charifad 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 Plate 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			
Metro Basin Total Request				\$718,360	\$200,000	\$918,360							
Number of Projects 6													
North Plate	Silver Spur Land & Cattle	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Agricultural	C150421	12/31/09				

ATTACHMENT 8												
Region	Project Name	Project Description	Start Date	End Date	Estimated Cost	Funding Source	Priority	Project Status	Responsible Agency	Project ID	Start Date	End Date
North Platte	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	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	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	1/7/11
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	6/25/12
North Platte Basin Total Request					\$637,040	\$96,000	\$733,040					
Number of Projects: 6												
Rio Grande	Southeastern Colorado Water Activity Enterprise	Arkansas Valley Conduit			\$33,237	\$0	\$33,237	Municipal & Industrial	C150406			
Rio Grande	El Paso County Water Authority	Alamosa River In-stream Flow Project	Mar-07		\$64,500	\$0	\$64,500	Nonconsumptive	7000000076			6/30/08
Rio Grande	San Luis Valley Irrigation District	Preliminary Design Multi-Use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07		\$0	\$288,000	\$288,000	Agricultural	C150402	6/30/10	6/30/10	
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07		\$36,750	\$0	\$36,750	Agricultural	8000000006			
Rio Grande	San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sep-07		\$0	\$104,000	\$104,000	Other	C150419			
Rio Grande	Romero Irrigation Company	Romero-Gradalupe Channel Rectification Project	Sep-07		\$83,700	\$0	\$83,700	Agricultural	8000000060			9/17/08
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08		\$200,000	\$1,300,000	\$1,500,000	Nonconsumptive	C150420			
Rio Grande	Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08		\$72,000	\$141,700	\$213,700	Agricultural	C150443	6/30/12	6/30/12	
Rio Grande	Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08		\$35,000	\$250,000	\$285,000	Nonconsumptive	C150452	12/31/12	12/31/12	
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08		\$50,000	\$200,000	\$250,000	Agricultural	C150448	6/30/11	2/3/11	
Rio Grande	Manassa Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08		\$50,000	\$333,700	\$383,700	Agricultural	C150446	6/30/10	6/30/10	
Rio Grande	San Luis Valley Irrigation District	Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	Nov-08		\$100,000	\$0	\$100,000	Agricultural	C150437A	12/31/11	12/21/11	
Rio Grande	El Codo Ditch Company	San Antonio River - El Codo Ditch Diversion and Rehabilitation	May-09		\$65,000	\$0	\$65,000	Agricultural	1000000001	12/31/09	12/8/09	
Rio Grande	Trinchera Irrigation Company	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09		\$50,000	\$150,000	\$200,000	Agricultural	C150458	7/31/11	10/22/10	
Rio Grande	Colorado Rio Grande Restoration Foundation	Conservation Reserve Enhancement Program (CREP) Phase II - Implementation	Sep-09		\$31,500	\$0	\$31,500	Agricultural	10000000056	12/31/12	11/20/12	
Rio Grande	Trinchera Irrigation Company	Shortfall Request - Sangre de Cristo Trinchera Diversion Canal Restoration	Jan-10		\$54,000	\$0	\$54,000	Agricultural	C150458	7/31/11	7/31/12	
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10		\$25,000	\$0	\$25,000	Education	11000000059	6/30/12	10/17/11	
Rio Grande	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10		\$40,000	\$0	\$40,000	Agricultural	11000000053	6/30/11	9/7/11	
Rio Grande	Manassa Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11		\$75,000	\$0	\$75,000	Agricultural	11000000109	6/30/12	6/25/12	
Rio Grande	Colorado Rio Grande Restoration Foundation	The McDonald Ditch and Plaza Project, Phase I Planning	Jan-11		\$40,000	\$0	\$40,000	Agricultural	11000000102	12/31/11	12/22/11	
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11		\$15,000	\$55,000	\$70,000	Nonconsumptive	C150489	12/30/11	12/30/11	
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Crest of Dam Repair	Sep-11		\$15,000	\$135,000	\$150,000	Agricultural	C150495	12/31/12	10/20/12	
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	Sep-11		\$10,000	\$85,000	\$95,000	Agricultural	121B0000013	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	121B0000017	12/31/12	12/19/12	
Rio Grande	Rio Grande County	Rio Grande County Hydrogeologic Study	Jul-12		\$99,564	\$0	\$99,564	Other	131B0000008	12/31/13	12/31/12	
Rio Grande Basin Total Request					\$1,260,851	\$3,042,400	\$4,303,251					
Number of Projects: 25												
South Platte	The Greenway Foundation	Chaffard Reallocation EIS/FR (Metro BRT contributing \$103,000)	Mar-07		\$27,000	\$0	\$27,000	Municipal & Industrial				
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07		\$52,000	\$0	\$52,000	Municipal & Industrial	C8000000037			
South Platte	District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sep-07		\$176,000	\$0	\$176,000	Agricultural	C150417	12/31/11	4/13/12	
South Platte	Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sep-07		\$0	\$278,476	\$278,476	Nonconsumptive	C150415	7/31/09	7/31/09	
South Platte	Northern Colorado Water	Stage Discharge Data Loggers and Telemetry	Jan-08		\$48,800	\$0	\$48,800	Agricultural	80000000120	6/30/11	6/28/11	

Comprehensive Water Resource Management Project Portfolio - Q3 2024														
Region	Sub-Region	Project Name	Project Description	Start Date	End Date	Budget (USD)	Actual Spend (USD)	Status	Priority	Impact Category	Key Stakeholders	Overall Metrics		
												Progress %		
South Plate	Conservancy District	City of Greeley	Halligan Seaman Water Mgmt project share vision planning model	Sep-08		\$25,435	\$76,305	In Progress	High	Municipal & Industrial	C150436	6/30/10	6/30/10	
		Ducks Unlimited, Inc.	Central South Plate Wetland Partnership	Mar-09		\$150,000	\$0	Completed	Medium	Nonconsumptive	C150454	6/30/11	6/30/11	
		Fort Morgan Reservoir and Irrigation Company (FMIRICO)	FMIRICO Recharge & Wetlands Project	Sep-09		\$250,000	\$420,000	Completed	Medium	Agricultural	C150464	6/30/12	6/27/12	
	South Plate	Colorado Climate Center--CSU	Colorado Agricultural Meteorological Network (CoAgMet)	Jul-10		\$20,000	\$0	Completed	Medium	Agricultural	110000000079	6/30/12	6/30/12	
	South Plate Basin Total Request						\$749,235	\$774,781						
	Number of Projects: 9													
	South	Plate/Metro	Clear Creek County	Upper Mountain Counties Water Needs Assessment	May-08		\$174,350	\$0	In Progress	Medium	Needs Assessment	C150429A	6/30/11	12/31/10
	South	Plate/Metro	Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Plate Edition of Headwaters	Jul-08		\$32,038	\$0	Completed	Medium	Education	90000000019	6/30/11	
	South	Plate/Metro	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09		\$240,000	\$0	In Progress	Medium	Municipal & Industrial	C150447	6/30/11	9/27/11
	South Plate/Metro Basin Total Request						\$446,388	\$0						
Number of Projects: 3														
Southwest		San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition	Mar-07		\$0	\$0	Completed	High	Municipal & Industrial	C150408	6/30/12	12/17/08	
Southwest		Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07		\$7,700	\$0	In Progress	Medium	Municipal & Industrial	80000000075	6/30/12	7/31/09	
Southwest		Mancos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	Jul-07		\$80,000	\$0	In Progress	Medium	Municipal & Industrial	80000000076	6/30/09	6/30/09	
Southwest		Goodman Point Water Association	Goodman Point Phase 2	Sep-07		\$20,000	\$120,000	In Progress	Medium	Municipal & Industrial	C150462	6/30/12	3/16/11	
Southwest		Bauer Lake Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08		\$40,000	\$0	In Progress	Medium	Agricultural	100000000084	12/31/11	12/28/11	
Southwest		La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08		\$100,000	\$1,100,000	In Progress	High	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	In Progress	Medium	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	In Progress	Medium	Agricultural	90000000085	8/31/10	8/31/10	
Southwest		Happy Seenes Water System #1	Water System Well, Treatment System and Distribution Upgrades	Nov-08		\$50,000	\$0	In Progress	Medium	Municipal & Industrial	90000000127	6/30/10	11/17/09	
Southwest		La Plata Archuleta Water District	Water System Master Planning	Nov-08		\$100,000	\$0	In Progress	Medium	Municipal & Industrial	90000000112	12/31/09	12/22/09	
Southwest		Town of Silverton	Moles Lake Ditch Rehabilitation and Diversion Structures	Jan-09		\$95,000	\$0	In Progress	Medium	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	In Progress	Medium	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	In Progress	Medium	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	In Progress	Medium	Agricultural	100000000061	6/30/12	6/29/12	
Southwest		Park Ditch Company	Park Ditch Improvements	Jul-09		\$85,000	\$0	In Progress	Medium	Agricultural	100000000011	6/30/11	12/9/09	
Southwest		Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Sep-09		\$0	\$0	In Progress	Medium	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	In Progress	Medium	Needs Assessment	110000000028	6/30/11	4/28/11	
Southwest		Mancos Conservation District	Mancos River Diversion Project, Phase I	Nov-09		\$24,753	\$0	In Progress	Medium	Nonconsumptive	100000000111	12/30/10	6/7/11	
Southwest		Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09		\$31,500	\$0	In Progress	Medium	Agricultural	1000000000125	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	In Progress	Medium	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	In Progress	Medium	Municipal & Industrial	100000000085	6/30/11	6/30/11	
Southwest		Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10		\$29,500	\$0	In Progress	Medium	Agricultural	1100000000114	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	In Progress	Medium	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	In Progress	Medium	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	In Progress	Medium	Agricultural	121BC0000014	8/31/12	6/11/12	
Southwest		Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11		\$0	\$0	In Progress	Medium	Agricultural	121BC0000003	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
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	\$150,000	\$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	6/30/13
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	\$49,000	\$196,000	\$245,000	Municipal & Industrial	C150496	6/30/13
Arkansas	Sangre de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$0	\$0	\$0	Agricultural	121BC000006	6/30/15
Arkansas	City of Trinidad	North Lake Dam Rehabilitation Project	Mar-12	\$12,000	\$727,235	\$739,235	Municipal & Industrial	C150502	12/31/13
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/Wrights 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 Basin Total Request				\$336,000	\$2,364,632	\$2,700,632			
Number of Projects				10					
Arkansas/South Plate	Pikes Peak Regional Water Authority	Rotating Agricultural Following Public Policy Working Group	Jul-11	\$20,000	\$0	\$20,000	Agricultural	121BC000015	3/31/13
Arkansas/South Plate Basin Total Request				\$20,000	\$0	\$20,000			
Number of Projects				1					
Arkansas/South Plate/Metro	Water Environment Research Foundation	Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	Sep-08	\$0	\$0	\$0		C150456	6/30/13
Arkansas/South Plate/Metro Basin Total Request				\$0	\$0	\$0			
Number of Projects				1					
Colorado	Basalt Water Conservancy District	Missouri Heights	Sep-07	\$25,000	\$0	\$25,000	Needs Assessment	8000000049	3/31/14
Colorado	Town of Gypsum	L.E.D.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 Water Savings, Water Quality benefits and Profitability 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	OE131BC000003	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 Riparian Restoration Collaborative (GVRRC) Project	Sep-12	\$42,726	\$207,274	\$250,000	Nonconsumptive	C150513	1/30/17
Colorado Basin Total Request				\$352,593	\$472,274	\$824,867			
Number of Projects				10					
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Blue Mesa Reservoir		\$24,500	\$98,000	\$122,500		C150497	6/30/13
Gunnison	North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMCC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sep-07	\$79,000	\$230,000	\$309,000	Agricultural	C150414	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
Gunnison	Gunnison County	75 Ditch Diversion Improvement and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Nonconsumptive	121BC000002	6/30/15
Gunnison	Leoux Creek Water Users Association (LCWUA)	Hanson Reservoir Outlet Rehabilitation	Jul-10	\$0	\$0	\$0	Agricultural	110000000068	6/30/13
Gunnison	Colorado State University	Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	Sep-11	\$77,000	\$35,000	\$112,000	Agricultural	C150499	12/31/14
Gunnison	Colorado Mesa University	Gunnison Basin Roundtable Education Program	Mar-12	\$19,750	\$0	\$19,750	Education	121BC000020	6/30/14
Gunnison	North Della Irrigation Company	Tunnel Reconstruction Project	Mar-12	\$40,000	\$37,000	\$410,000	Agricultural	C150478	4/1/13
Gunnison	Della Conservation District	North Fork of the Gunnison Invasive Weed Removal	May-12	\$20,000	\$0	\$20,000	Other	131BC0000007	12/31/13
Gunnison Basin Total Request				\$306,350	\$653,960	\$1,160,310			
Number of Projects				9					
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	\$113,055	Municipal & Industrial	C150473	6/30/13
Metro Basin Total Request				\$128,263	\$1,384,792	\$1,513,055			
Number of Projects				4					
North Platte	USFS	Effects of Mt'n 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	6/30/13
North Platte	Colorado Climate Center--CSU	Monitoring the effects of weather conditions on the evapotranspiration in N.P Basin	Sep-08	\$50,409	\$50,409	\$100,818	Agricultural	C150438	6/30/14
North Platte	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program - Phase 1	May-10	\$20,000	\$0	\$20,000	Nonconsumptive	10000000126	6/30/13
North Platte	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 Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion - Additional Funds Request	May-12	\$55,055	\$0	\$55,055	Agricultural	C150488	12/31/13
North Platte	Lohan, Hackleman and Olsen LLC	Seneca Ditch - Structure for Water Control	Jul-12	\$57,539	\$0	\$57,539		OE131BC000011	12/31/13
North Platte Basin Total Request				\$579,192	\$215,027	\$794,218			
Number of Projects				6					
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150467	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$0	\$50,000	Nonconsumptive	C150486	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	McDonald Ditch - Plaza Project - Phase 2	Sep-11	\$20,000	\$275,000	\$295,000	Nonconsumptive	C150492	3/31/15
Rio Grande	Terrace Reservoir Irrigation Company, Inc.	Terrace Reservoir Spillway Replacement	Mar-12	\$75,000	\$1,425,000	\$1,500,000	Agricultural	C150500	12/31/14
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	Colorado Foundation for Water Education	Solicitation of Stakeholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine	Jan-13	\$33,237	\$0	\$33,237	Education	OEPPDA13000016	10/31/13
Rio Grande Basin Total Request				\$248,237	\$2,287,280	\$2,535,517			
Number of Projects				6					
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	Ardckaree 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	6/30/13
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	CC154209	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 Basin Total Request				\$158,071	\$1,420,909	\$1,578,980			
Number of Projects				7					

ATTACHMENT 9

South Plate/Metro	The Greenway Foundation	South Plate River Recreation and Habitat Improvement Preliminary Design	Sep-11	\$75,000	\$300,000	\$375,000	Nonconsumptive	C150493	6/28/13
South Plate/Metro	The Greenway Foundation	Denver South Plate River Implementation Project - Frontier/Overland Final Design	Sep-12	\$200,000	\$300,000	\$500,000	Nonconsumptive	C150509	12/13/13
South Plate/Metro Basin Total Request					\$275,000	\$600,000			\$875,000
Number of Projects					2				
Southwest	La Plata Archuleta Water District	La Plata Archuleta Water District Permitting Canal Seepage Reduction Program	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	\$0	\$0	\$0	Municipal & Industrial	13BC000002	7/31/13
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model	Mar-11	\$0	\$148,823	\$148,823	Agricultural	C150477	12/31/13
Southwest	Maneros Conservation District	Maneros 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	OE13BC000012	12/31/14
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam & Reservoir - Spillway Alternatives Analysis	Sep-12	\$19,400	\$0	\$19,400	Agricultural	OE13BC000009	9/30/13
Southwest Basin Total Request					\$91,900	\$1,423,163			\$1,515,063
Number of Projects					7				
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	Siltwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Agricultural	C150469	8/20/15
Yampa/White	Yellow Jacket Water Conservancy 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 Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa /White Basin	Sep-10	\$10,000	\$10,978	\$20,978	Agricultural	110000000058	6/30/15
Yampa/White	Woflat County	Yampa-White Basin Projects and Methods Analysis	Mar-11	\$0	\$0	\$0	Other	C150481	12/31/13
Yampa/White	The Friends of the Yampa	Yampa-River Structures Project	Sep-11	\$50,000	\$0	\$50,000	Nonconsumptive	13BC0000006	12/31/13
Yampa/White	Town of Rangely	Rangely Irrigation System Master Plan Study	Jan-13	\$12,500	\$0	\$12,500	Nonconsumptive	13BC00000015	12/31/13
Yampa/White Basin Total Request					\$543,362	\$10,978			\$554,340
Number of Projects					7				



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
2013 January Board Approvals									
Arkansas	Purgatorie River Water Conservancy District	Purgatorie 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	
2012 September Board Approvals									
Colorado	Blue River Watershed Group	Terrible 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 Oronovanda Renovation Project	Sep-12	\$60,000	\$540,000	\$600,000	Municipal & Industrial	Ryan Edwards	
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: Haywood Ranch Conservation Easement	Sep-12	\$25,000	\$400,000	\$425,000	Agricultural	Greg Johnson	
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	Sep-12	\$55,000	\$859,400	\$914,400	Agricultural	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	
2012 July Board Approvals									
Gunnison	Leon Park Reservoir Company	Leon Park Reservoir Dam Outlet Repair	Jul-12	\$31,372	\$0	\$31,372	Agricultural	Todd Doherty	
2012 May Board Approvals									
Arkansas	El Paso County by its Board of County Commissioners	Groundwater Quality Study - Phase 2 - Upper Black Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	May-12	\$35,000	\$0	\$35,000		Todd Doherty	
2011 September Board Approvals									
Southwest	Lake Durango Water Authority	Lake Durango Water Authority Source Water Infrastructure	Sep-11	\$50,000	\$450,000	\$500,000	Municipal & Industrial	Ryan Edwards	
2011 July Board Approvals									
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	
2011 May Board Approvals									
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	
2011 March Board Approvals									
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	
2010 July Board Approvals									
South Plate	Northern Colorado Water Conservancy District	Data Logger and Telemetry Installation Project	Jul-10	\$46,000	\$0	\$46,000	Agricultural	Todd Doherty	
2010 May Board Approvals									
Gunnison	Lake San Cristobal Water Enterprise (LSCWAC)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Municipal & Industrial	Todd Doherty	
2009 September Board Approvals									
Rio Grande	CDPHE	Demonstration of membrane zero liquid discharge process for drinking water systems (\$50,000 Metro Basin Fund Contribution)	Sep-09	\$50,000	\$200,000	\$250,000		Greg Johnson	
2009 July Board Approvals									

