COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

November 2014

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

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

TO: Colorado Water Conservation Board

FROM: James Eklund
Meg Dickey-Griffith

DATE: November 19-20, 2014

SUBJECT: Agenda Item 5d, November 2014 CWCB Board Meeting Director's Report

~TABLE OF CONTENTS~

- Upper Colorado River Wild and Scenic Stakeholder Group
- Wild and Scenic River Proposal for the Crystal River

Pg. 12 – PLATTE RIVER BASIN
- Platte River Recovery Implementation Program

Pg. 12 – SAN JUAN/MIGUEL-DOLORES RIVER BASIN
- River Protection Workgroup
- Instream Flow Release on the Alamosa River

Pg. 13 – AGENCY UPDATES
- Governor's Water Availability Task Force
- 1051 Reporting Web Portal Update
- M & I Water Conservation/Reuse Workgroup Meetings
- Drought Update
- CWCB Water Efficiency Grant Fund Program (WEGP) Update
- Water Efficiency & Drought Plans Update
- Drought Management Plans
- Net Zero Water Technical Advisory Group
- Water and Growth Dialogue
- Weather Modification Update
- Weather Modification Modernization Efforts
- Phreatophyte Control Grant Program

Pg. 17 – ATTACHMENTS
- 01 Stream and Lake Protection Section De Minimis Case
- 02 Instream Flow and Natural Lake Level Program – Summary of Resolved Opposition Cases
- 03 Finance – Prequalified Project List and Loan Prospect Summary
- 04 Finance – Emergency Loan Status Report
- 05 Finance – Design & Construction Status Report
- 06 Finance – Water Project Construction Loan Program, Loan Repayment Delinquency Report, Loan Financial Activity Report
- 07 FY 16 President's Budget Request Letter to the DOI
- 08 CYCA Letter of Appreciation

~INTERSTATE AND FEDERAL~

U.S.-MEXICO, MINUTE 319 IMPLEMENTATION—The Minute 319 bi-national workgroups continue to meet and implement the terms of Minute 319. The environmental flows workgroup has circulated a draft report regarding the results of the spring pulse flow, and this is under review by the U.S. and Mexican sections of the International Boundary Waters Commission (IBWC). In addition, a number of stakeholders applied to the Desert Landscape Conservation Cooperative for a grant associated with developing modeling based on the environmental pulse flow of 2014. This group received the grant and there is a workshop scheduled in December in Tuscon, AZ to provide input on this work. The hydrology workgroup met in September in San Ysidro, CA, and divided tasks among the workgroup members. The next meeting is scheduled for December in San Ysidro, CA, where the U.S. and Mexico will bring draft scopes of work to discuss. Additional workgroups continue to meet. *(Ted Kowalski)*

GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP ("AMWG") AND TECHNICAL WORK GROUP (TWG) MEETINGS—The AMWG met on August, 27-28, 2014, in Flagstaff, Arizona, and approve the first Triennial budget for the AMWG program for FY 15-17. In addition, AMWG discussed the Long Term Experimental and Management Plan (LTEMP), the proposed hydrograph, and the likelihood of another fall High Flow Experiment (HFE). The Glen Canyon Dam Technical Work Group (TWG) held additional calls September and October and met on October 28-29, 2014 in Phoenix, Arizona. These calls, and this meeting, were used to plan for the upcoming fall 96-hour HFE and to plan for the replacement of Jack Schmidt, who is returning to work as a professor at the University of Utah. *(Ted Kowalski)*

COLORADO RIVER BASIN STUDY, NEXT STEPS—The Basin Study Coordination team met in Denver on October 1, 2014, to discuss the current draft of the Basin Study Next Steps Report (Report). The three workgroups (municipal & industrial conservation and reuse, agricultural conservation and transfers, and environmental and recreational flows) continue to fine tune the chapters of the draft Report related to each of their individual, respective subject matters. The draft Report will be reviewed over the next month, and the current schedule anticipates publication by the end of December, 2014. In addition, representatives of The Nature Conservancy, the Environmental Defense Fund, the Family Farm Alliance, and the Imperial Irrigation District wrote a letter to the Secretary of the Interior and the Director of the Office of Management and Budget, urging that the President's budget be increased in FY16 to further the work of the Basin Study Next Steps Process through the WaterSMART programs. A copy of this letter is attached to this report. *(Ted Kowalski)*

GLEN CANYON DAM, LONG TERM EXPERIMENTAL AND MANAGEMENT PLAN (LTEMP)—The Bureau of Reclamation (BOR) and the National Park Service (NPS) are still conducting modeling to evaluate each of the alternatives for Glen Canyon Dam operations under this EIS process. The States have continued to meet with the BOR and the NPS to understand the basis for their "emerging consensus alternative" and to assure that this alternative is

appropriately modeled. At the October TWG meeting, the BOR indicated that they intend to model all of the alternatives, including the emerging consensus alternative, even though this will delay the current schedule by 6-8 weeks. The current schedule is to have a public draft EIS out in the winter of 2015. (*Ted Kowalski)*

CONTINGENCY PLANNING—The Upper Colorado River Commission and the Upper Division States continue to work on a contingency plan that could be implemented if Lake Powell were to be in danger of dropping below critical elevations. The Lower Basin States are continuing their planning discussions for a contingency plan should Lake Mead threatened to drop to critical levels. Commissioner McClow and Staff will update the Board on this work at the upcoming Board meeting. *(Ted Kowalski)*

UPPER COLORADO RIVER BASIN FORUM—The CWCB sponsored the Upper Colorado River Basin Water Forum at Colorado Mesa University's Water Center in Grand Junction. This is the fourth annual water forum and is themed Seeking a Resilient Future. CWCB staff attended the conference and Director Eklund participated in a panel titled "State Water Plans across the Upper Colorado Basin" and Ted Kowalski moderated a panel on the "Colorado Delta Pulse Flow-Negotiating the Deal." *(Ted Kowalski)*

NON-NATIVE FISH MANAGEMENT PROGRAM—In recent years, populations of non-native fish in western Colorado have increased significantly. Some of these fish species are considered detrimental to populations of native fish. Population estimates of some native fish species, such as the Colorado pikeminnow, seem to be declining as these non-native populations increase. Colorado Parks and Wildlife staff has been performing non-native fish control actions, including installing and operating nets or screens to prevent non-native fish escapement from reservoir sport fisheries, electrofishing and removal, reclamation of reservoirs containing illegally introduced non-native fish, and replacement of certain species of non-native game fish with other sport fish species less detrimental to native fish populations. Despite these efforts, non-native populations continue to increase. Control of these non-native fish populations has been identified as critical to the continued Sufficient Progress status of the Recovery Program. To address these concerns and explore options for increasing non-native fish control efforts, a Non-Native Fish Management Work Group was convened. The group includes representatives from CPW, CWCB, Reclamation, the Recovery Program, the River District, water providers, water users, anglers, and environmental interests. The first meeting was held November 4th to discuss strategies to improve public outreach and education, and examine options for increased physical control efforts while providing reservoir sport fisheries and maintaining healthy instream native fish populations. The group will meet regularly to discuss specific options and strategies in detail. *(Michelle Garrison)*

ARKANSAS RIVER COMPACT ADMINISTRATION—The 2014 ARCA Annual Meeting will be held in Lamar on Dec. 16-17. There are no significant areas of conflict between Kansas and Colorado at this time so the meeting will focus on several administrative items:

- Reviewing operational and hydrological data from the past year.
- Commencing a ten year review of Trinidad Project Operations during the period 2005-2014 as required by the project Operating Principles.
- Reviewing a prototype of a new website for the Administration which will be useful in providing public access to current and historical documents.
- Reducing the backlog of annual reports using a simplified template being developed by staff from both States.
- Discussion of ways to renew the request that the President appoint a federal representative to serve as the Administration's Chairperson. This vacancy has existed since May of 2011.
- Acknowledging the passing of past Chairman Frank Cooley of Meeker who served the Administration with great enthusiasm from 1975 -1995. *(Steve Miller)*

COLORADO RIVER BASIN SALINITY CONTROL FORUM—The Forum met in Santa Fe, NM on Oct 29 and 30. The CWCB solicited public comments on the draft review during September, but none were received. The 2014 Review is available on the Forum's website, www.coloradoriversalinity.org. Significant areas of discussion included:

- Completion and approval of the Forum's 2014 Triennial Review of the basinwide water quality standard for salinity. The standard consisting of numeric criteria and a plan of implementation first adopted in 1974 was evaluated. The numeric criteria at major diversion points in the Lower Basin were left unchanged. A new plan of implementation based on expected funding levels and reducing the risk of any exceedance of the numeric criteria was adopted. The Colorado Water Quality Control Commission will consider adopting the 2014 Review at its Dec. 8 meeting.
- Funding of the federal portions of the program delivered by USBR and USDA, and the States' ability to meet their cost-share obligations from the Upper and Lower Basin Development Funds.
- Completion of the studies necessary to implement a new brine disposal strategy for the Paradox Unit in Montrose County as the existing deep well injection facility nears the end of its expected life.
- Preparation for USBR's new 2015 Funding Opportunity Announcement [FOA] which will offer approximately $30 million in grants to ditch companies to improve their systems and reduce saline return flows to the river. The CWCB will be providing up to $250,000 in technical assistance to Colorado water users to prepare for the FOA. *(Steve Miller)*

~STATEWIDE~

GROUND WATER COMMISSION MEETING—The Ground Water Commission (GWC) has not met since the last CWCB meeting. The Ground Water Commission will hold its next regular meeting on November 21, 2014 in Castle Rock, CO. For more information visit: http://water.state.co.us/groundwater/CGWC/Pages/default.aspx. *(Suzanne Sellers)*

USFS' PROPOSED GROUNDWATER DIRECTIVE—The USFS published a Proposed Directive on Groundwater Resource Management in the Federal Register (See 79 Fed. Reg. 25815) on May 6, 2014. The Governor's Office provided comments to the USFS on October 3, 2014. *(Suzanne Sellers)*

USFWS & NMFS' PROPOSED REGULATORY CHANGES RELATED TO ESA CRITICAL HABITAT—The U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) published the following proposed regulatory changes related to Endangered Species Act (ESA) Critical Habitat in the Federal Register on May 12, 2014: Proposed Rule concerning Changes to the Critical Habitat Designation Process (see 79 Fed. Reg. 27066); Proposed Rule defining "Destruction or Adverse Modification" of Critical Habitat (see 79 Fed. Reg. 27060); and Proposed Policy on Exclusions from Critical Habitat (see 79 Fed. Reg. 27052). The Department of Natural Resources (DNR) provided comments to the USFWS in three separate letters on October 9, 2014. *(Suzanne Sellers)*

USFWS' PROPOSED RULE RELATED TO THE YELLOW-BILLED CUCKOO—The USFWS published a proposed rule for the Designation of Critical Habitat for the Western Distinct Population Segment of the Yellow-Billed Cuckoo in the Federal Register (see 79 Fed. Reg. 48548) on August 15, 2014. The Department of Natural Resources (DNR) provided comments to the USFWS on October 14, 2014, objecting to the designation of critical habitat in Colorado for this newly listed threatened species. The proposed habitat would include significant areas of the riparian zone in Western Colorado, with little or no evidence that the birds exist there or would benefit from the designation. *(Ted Kowalski and Steve Miller)*

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE—

FY14 Activities: The mapping grants approved by FEMA this year include an erosion study in Mesa County, a Risk Map project in the Upper White watershed, and completing a First Order Approximate (FOA) or countywide approximate mapping, for El Paso County. Other non-mapping projects that will be funded include conducting an inventory of the ongoing studies and other data in the post flood areas, developing a technical evaluation of flood forecasting methods using Risk Map products, and developing a model management system to store all available hydrologic and hydraulic models in the post-flood areas.

FY13 Activities: Lidar acquisition for Rio Blanco County has been completed. Final processing of the data is being completed and the data should be available by the end of November 2014. FEMA funding to complete El Paso County as a partial Countywide DFIRM was approved and awaiting approval of the preliminary maps to start the post processing. Purgatoire Watershed and Pueblo County also received additional FEMA funding to complete the mapping projects. CWCB is finalizing the task orders to begin work.

FY12 Activities: The grant for Purgatoire Watershed has been completed through Floodplain mapping. A new grant was approved in 2013to complete this project. The field survey and hydrologic tasks were approved for the Cache La Poudre watershed. The City of Fort Collins will be surveying several bridges and culverts this spring and this data will be used in the hydraulic modeling.

FY11 Activities: Hydrology tasks for St. Vrain and Clear Creek watersheds have been completed and approved. The scope of work for the St. Vrain watershed will be revised to include areas that were impacted by the flood. Work on Sunshine Canyon is being completed but the rest of the project is on hold. Clear Creek Risk Map is in progress with the hydraulic analysis awaiting review from FEMA.

FY10 Activities: Chaffee and Pitkin Counties are awaiting approval of the preliminary maps. Both of these counties will be in the preliminary phase by the end of the year. Logan County preliminary DFIRMs were distributed on May 31, 2014. A final meeting with the communities was held on October 14, 2014. The preliminary mapping products for Chaffee County are completed and anticipating a preliminary distribution in early fall 2014.

FY09 Activities: The Morgan County DFIRM has been converted to a seclusion project and will not include an update of the Wiggins levee. DFIRM database tasks have almost been completed and the preliminary mapping should be submitted to FEMA for review in the next few months.

The Prowers County DFIRM is in the preliminary phase. A final meeting with the communities is scheduled for November 6, 2014.

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

The Pueblo County DFIRM scope of work has been altered to a Seclusion DFIRM. The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing. The Pueblo Levee Conservancy District has hired a consultant to assist in their levee certification process and District is working on resolving issues regarding the existing mural on the levee along the Arkansas River.

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 will be going through the Appeal period sometime in early fall 2014. 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)

COMMUNITY ASSISTANCE PROGRAM UPDATES—As part of the recovery from the 2013 flooding, grants from the Federal Emergency Management Agency (FEMA) and the Department of Housing and Urban Development (HUD) have been made available to many Colorado communities. These grants are administered by various state agencies. To aid in the process of administering and disbursing the funds, CWCB staff members are working closely with the Colorado Division of Homeland Security and Emergency Management (DHSEM) and the Department of Local Affairs (DOLA) to review applications. The role of CWCB staff has been to identify and help to mitigate potential floodplain impacts, including assisting both state agencies and local governments with floodplain permitting and analysis.

CWCB staff continues to assist local governments with the adoption and implementation of the Rules and Regulations for Floodplains in Colorado (Rules). The State of Colorado, through CWCB action in November 2010, adopted increased standards for floodplain management, which are contained in the Rules, effective January 14, 2011. Communities were provided with a three-year transition period to adopt local regulations consistent with the Rules. Through sound floodplain management practices, these standards support enhanced public health, safety and welfare and will help communities reduce future flood risk to people and property. Now, more than ever, Coloradoans are aware of the devastating impacts of major floods. The CWCB effective floodplain standards can help Colorado community leaders find ways to build stronger, smarter, and safer. To date, 211 communities provided documentation to staff of adoption of regulations that are consistent with the Rules and another 24 drafts of proposed regulations have been reviewed. In total, 94% of Colorado communities with mapped flood hazards are working collaboratively with staff to adopt and implement the Rules. Since the transition period ended,

eight visits have been conducted with communities that have not adopted the Rules; resulting in an additional eight drafts reviewed and three signed and adopted ordinances provided to CWCB staff. Outreach is ongoing to the remaining communities and those with proposed drafts in the process of adoption. *(Jamie Prochno)*

COLORADO HEALTHY RIVERS FUND 2014 AWARD—The Colorado Healthy Rivers Fund (CHRF) Designees have approved the funding recommendations jointly made by staff at the Colorado Water Conservation Board (CWCB), Water Quality Control Division (WQCD), and the Colorado Watershed Assembly (CWA). The Designees include two members of the CWCB and two members of the Water Quality Control Commission (WQCC).

The CWCB received a total of 22 applications by the April 30, 2014 deadline. Copies of these applications were sent to the WQCD and CWA. Staff at the CWCB, WQCD, and CWA reviewed and scored these applications according to the program guidance approved by the Designees. CWCB, WQCD, and CWA staff met and jointly ranked the applications.

The CHRF revenue balance and the respective needs of the top ranked projects were also reviewed. Funding requests exceeded the amount available for grant awards. The total funding request was $480,144. The total 2014 CHRF funding award is $91,165. Five applications received full funding, and five applications received partial funding. Five applicants requested funding for recovery from September 2013 floods. Only one is recommended for funding. The applicant recommended for funding, Bluff Lake Nature Center on Sand Creek, is the only flood recovery applicant that has not received funding from other CWCB flood recovery sources. The other four applicants (or their affiliates) have received significant grants through the CWCB Colorado Watershed Restoration Program for master planning **and** the CWCB Senate Bill 14-179 River Restoration Program.

Applicants from all basins that applied received funding. This includes the Southwest, South Platte, Yampa/White, Rio Grande, Colorado, Arkansas, and Gunnison River Basins. Projects include river restoration (planning, design, or construction), riparian re-vegetation, agricultural land conservation, and native riparian plant propagation. *(Chris Sturm)*

STATE RESILIENCY COMMITTEE AND EFFORTS—Staff is participating in a comprehensive resiliency planning effort being led by the Colorado Recovery Office (CRO). The end result will be a statewide resiliency plan designed to make the State and it's citizens more able to prepare for, respond to, and recover from various kinds of disasters and disruptions.

The effort is being led by a steering committee led by the CRO and consisting of members from various State departments. CWCB staff is a member of this steering committee. To support this committee, eight working groups (referred to as sectors) have been established. These include the Watershed and Natural Resources Sector, led by CWCB staff. In addition, staff participates in (but does not lead) the Infrastructure Sector and the Community Sector.

The state's resiliency plan will support an application to the U.S. Department of Housing and Urban Development (HUD), which launched a $1 billion National Disaster Resilience Competition on Sept. 17, 2014. The intent of the competition is to support and implement thoughtful, innovative, and resilient approaches to recover from disasters and addressing future risks. This competition is being conducted in two phases with the Phase I application due on March 16, 2015 and Phase II due on or around October 1, 2015. The State is the only eligible applicant within Colorado and will be competing with 66 other eligible applicants (states and territories) nationwide. *(Kevin Houck)*

2015 INSTREAM FLOW WORKSHOP—Each year, the CWCB's Stream and Lake Protection Section hosts an annual workshop that provides state and federal agencies and other interested persons an opportunity to recommend certain stream reaches or natural lakes for inclusion in the State's Instream Flow (ISF) Program. The entities that make ISF recommendations will present information regarding the location of new recommendations as well as preliminary data in support of the recommendation. There will be an opportunity for interested stakeholders to provide input and ask questions.

This year, the Instream Flow Workshop will once again occur in conjunction with the Colorado Water Congress Annual Convention, which will be held at the Hyatt DCT on January 28 - 30. Details on the exact time and room number will be noticed via the Instream Flow Subscription mailing list and the Water Congress Annual Convention Agenda. There is no fee for this workshop, and registration with the Colorado Water Congress is not required. *(Jeff Baessler)*

RECENTLY DECREED ISF WATER RIGHTS—On August 28, 2014, the Division 5 Water Court decreed an instream flow water right to the CWCB on Unnamed Tributary to Muddy Creek in Case No. 5-11CW144 for 1.25 cfs (April 15 – June 30), 0.4 cfs (July 1 – August 15), 0.2 cfs (August 16 – October 31), 0.1 cfs (November 1 – March 31) and 0.4 cfs (April 1 – April 14), with an appropriation date of January 25, 2011. The upstream terminus is the headwaters and the lower terminus is the confluence with Muddy Creek. This ISF reach is approximately 1.88 miles long and flows in an easterly direction through parts of Routt and Grand Counties. The CWCB entered into a stipulation with the sole objector in the case Peak Ranch Inc. to alleviate their concerns about this ISF segment. *(Rob Viehl)*

~COLORADO RIVER BASIN~

COLORADO RIVER WATER USE—As of October 6, 2014, the Lake Mead water level was at 1081.66 feet with 10.15 million acre-feet (MAF) of storage, or 39% of capacity, while the Lake Powell water level was at 3606 feet with 12.34 MAF of storage, or 51% of capacity. Total system active storage as of October 6 was 30.01 MAF, or 50% of capacity, which is 229,000 AF more than one year ago when system storage was also at 50% of capacity. For Water Year 2014, the unregulated inflow into Lake Powell is forecast to be 10.38 MAF, or 96% of average.

As of October 30, the 2014 Reclamation forecast for the Lower Basin states' consumptive use of Colorado River water totals 7.425 MAF, which includes Arizona at 2.749 MAF, California at 4.444 MAF, and Nevada at 0.232 MAF. The preliminary end-of-year estimate for 2014 for California's agricultural consumptive use of Colorado River water is 3.358 MAF. The Metropolitan Water District of Southern California is forecasted to use approximately 0.979 MAF. *(Andy Moore)*

UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP—The Bureau of Land Management (BLM) Kremmling Field Office's Proposed Resource Management Plan (RMP)/Final Environmental Impact Statement (EIS) was released on March 21, 2014 and the Colorado River Valley Field Office's Proposed RMP/Final EIS was released on March 24, 2014 with both the Records of Decision (RODs) on hold indefinitely. The joint BLM and US Forest Service (USFS) Final Wild and Scenic Rivers Suitability Report (Suitability Report) was released with each of the BLM's RMP/EISs. The USFS White River National Forest also issued a Draft ROD for adoption of the Suitability Report on April 7, 2014.

The Upper Colorado River Wild and Scenic Stakeholder Group (Stakeholder Group) held its regular meeting on October 24, 2014 in Summit County and its next regular meeting is scheduled for January 13, 2015 at the same location. The Stakeholder Group meeting included a presentation on the 2014 survey results & commercial data analysis by RCC and a presentation on historical commercial floatboating visitation data by the Front Range Water Council. The Stakeholder Group meeting also included discussions on provisional period planning, finances, and updates by the various workgroups and interest groups. James Eklund recently approved the UCRW&S Group's proposal seeking additional monies from the Wild and Scenic Alternatives Fund to support their ongoing work. For more information, see the following link: http://www.upcowildandscenic.com *(Suzanne Sellers)*

WILD AND SCENIC RIVER PROPOSAL FOR THE CRYSTAL RIVER—A group of Crystal Valley residents (Dorothea Farris, Bill Jochems and Chuck Ogilby) are working on a proposal to designate 39 miles of the Crystal River within the White River National Forest as wild and scenic. The proposed designated reaches would extend from the headwaters (both the north and south branches) of the Crystal River down to just above the Sweet Jessup canal diversion. Although these reaches of the Crystal River were found to be eligible by the United States Forest Service (USFS) in 1982 and 2002, the USFS has no plans to perform a suitability study until its next planning revision which is 7 to 10 years out. None the less, the Aspen Times indicates that the group of Crystal Valley residents are preparing a formal "suitability" study. This suitability study is being performed independent of the USFS. It anticipated that the suitability study would be used to support federal legislation seeking designation of the Crystal River. *(Suzanne Sellers)*

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM—The Platte River Recovery Implementation Program (PRRIP) Governance Committee (GC) held its regular meeting on September 9-10, 2014 in Kearney, NE. Agenda items included regular committee meeting updates, a budget update and a J2 re*regulating* reservoir update. Discussions included the PRRIP's Regional Conservation Partnership Program (RCPP) proposal to seek an alternate source of federal funding for the J2 re*regulating* reservoir project, the target flow scope of work and Christine Reed's, of UNO, research on the PRRIP. The GC approved the permitting services RFP, a procurement policy amendment, a *motion to pay future county taxes for lands associated with the J2 reregulating reservoir project*, submission of the executive director's office's response to the Horn et al. article for publication, and the tern/plover habitat synthesis chapters peer review scope of work. The GC also appointed a peer review panel for the tern/plover habitat synthesis chapters, heard public comments made by Jeffrey family and approved various land acquisition/land disposal related transactions. CWCB staff also participated in Independent Science Advisor Committee (ISAC), Finance Committee (FC), Technical Advisory Committee (TAC) and Land Advisory Committee (LAC) meetings. A meeting of the GC will be held on November 12, 2014 in Denver, CO to discuss next year's budget and the next regular GC meeting will be held on December 2-3, 2014 in Denver, CO. For more information, please visit: http://www.platteriverprogram.org/Pages/default.aspx. (*Suzanne Sellers*)

~SAN JUAN/MIGUEL-DOLORES RIVER BASIN~

RIVER PROTECTION WORKGROUP—The River Protection Workgroup (RPW) Steering Committee held regular meetings on August 28 and October 1, 2014 with its next meeting yet to be scheduled. The Steering Committee is currently engaged in negotiations and development of consensus approaches for the protection of the five rivers and specific outstanding remarkable values (ORVs) in the San Juan River basin. At the meetings, the group discussed the existing proposal by Trout Unlimited and the alternate proposal by the Wilderness Society and the San Juan Citizen's Alliance. The group indentified areas of agreement between the two proposals and topics that require more discussions. Both of the outstanding proposals include combinations of removal of suitability, wild and scenic designation and maintaining suitability within the five watersheds of the San Juan Basin. The Hermosa Creek Watershed Protection Act (HR1839) made it through the House committee and is waiting for a floor vote in the lame-duck session. The bill is anticipated to be on the docket when the Senate Environment and Natural Resources Committee holds its next voting session on November 13, 2014. Several changes to the bill were imposed by the House committee, creating two different versions of the bill. For more information, see the following link: http://ocs.fortlewis.edu/riverprotection. *(Suzanne Sellers)*

INSTREAM FLOW RELEASE ON THE ALAMOSA RIVER—Pursuant to CWCB's 2104-2015 SWSP approvals during the pendency of its water court cases 3-2013CW3013 and 3-2013CW3014, CWCB stored 162 acre-feet of water in Terrace Reservoir. As of November 1, the water is now being released for instream flow use in the Alamosa River. CWCB had accepted donations of irrigation water rights from the Alamosa Riverkeepers in 2010 and 2012. During the pendency of water court proceedings for the two change cases filed in 2013, CWCB obtained SWSP approvals from DWR to operate the changed water rights this year. Water was exchanged upsteam and stored in Terrace Reservoir during the irrigation season and is now being released at the end of the irrigation season. Reports from the field indicate that the stream is flowing at points downstream from where the water would have previously flowed. These water rights are part of a larger program to support degraded conditions in the Alamosa River.

~AGENCY UPDATES~

GOVERNOR'S WATER AVAILABILITY TASK FORCE—The next Water Availability Task Force meeting will be on November 18, 2014 from 1:00-3:00pm at the Colorado Parks & Wildlife Headquarters, 6060 Broadway, Denver, CO in the Red Fox 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)*

1051 REPORTING WEB PORTAL UPDATE—The online 1051 reporting web portal is now available for covered entities to use and enter data. The website is www.cowaterefficiency.com and users can log on and have an account created for their respective entity to enter conservation data. To date, we have 51 providers total signed up in the database with 35 entities who have submitted full reports. The remaining entities are in various stages of progress. CWCB staff sent out reminders to those providers still in progress and to those entities that have not submitted their reports. Additionally, staff is organizing and analyzing the collected data at this time. *(Kevin Reidy)*

M & I WATER CONSERVATION/REUSE WORKGROUP MEETINGS: Kevin Reidy has reviewed the final draft of the M&I Conservation report and provided comments to the work group. The group met by telephone conference on October 17 and went through all comments and revisions. The group organizers will be distributing the latest draft with the final scheduled for completion by end of year. *(Kevin Reidy)*

DROUGHT UPDATE—As of October 30, 30% percent of the state is experiencing some level of drought. The majority of that is located in the southern portion of the state with 12% classified as severe. This is a significant improvement over the last few years, and for the first time since 2011 none of the state is experiencing extreme or exceptional drought conditions. Forecasts for the winter call for normal precipitation and snow cover over the drought impacted area of the state would help to alleviate those conditions. The Colorado Drought Response Plan remains activated but meetings of the drought task force and agricultural task force have been

suspended for the winter months while we monitor snowpack conditions. If conditions improve enough a recommendation for deactivation will be made to the Governor. *(Taryn Finnessey)*

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.

Four grant applications were received since the September 2014 Director's Report

- **City of Lafayette** – City Hall Retrofit
- **City of Ouray** – Water Measurement Plan
- **Left Hand Water District** – Water Conservation Plan Update
- **Colorado Clean Energy Cluster** – Net Zero Water Planning Template

Three grants were approved since the last Board meeting:

- **Left Hand Water District** – Water Conservation Plan Update ($32,933.52)
- **Fort Collins-Loveland Water District** – Water Conservation Plan Update ($35,406.88)
- **Colorado Clean Energy Cluster** – Net Zero Water Planning Template ($49,399)

The following are deliverables sent to the CWCB since the last Board Meeting:

- **Security Water District** – Water Loss Control Audit – *75% Progress Report & Final Report*
- **Roaring Fork Watershed**– Regional Water Conservation Plan – *75% Progress Report*
- **Town of Windsor –** Water Audit Kit – *Final Report*
- **Town of Firestone** – Water Conservation Plan Update – *50% Progress Report*
- **Cherokee Metro District** – Water Conservation Plan Update – 75% *Progress Report (Ben Wade)*

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

Drought Management Plans:

<u>Plans in review</u>

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

Water Efficiency Plans:

Approved Plans

- **Town of Telluride**
- **Town of Ouray**

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.

- **Snowmass Water and Sanitation District**

Water Efficiency Plans in review

- **South Adams County Water & Sanitation District –** CWCB received the Plan on November 3, 2011. CWCB staff reviewed the plan and sent comments to the District on January 30, 2012. Resubmission pending. *(Kevin Reidy & Ben Wade)*

NET ZERO WATER TECHNICAL ADVISORY GROUP—Kevin Reidy attended a webinar on the first version of the Net Zero Water guidebook and toolkit on October 28. The Net Zero guidebook will develop a water footprint for a building site, develop vision and goals for water use on that site, formulate reduction strategies and develop an implementation plan. The technical advisory group is reviewing the product and providing comments by November 7. The tool and guidebook will be pilot tested by a number of partners from November through February. *(Kevin Reidy)*

WATER AND GROWTH DIALOGUE—Through a Water Efficiency Grant, the Keystone Center is facilitating a dialogue to quantify water use through different land use patterns as well as bringing together land use and water managers to discuss where integration can occur. Kevin Reidy is on the technical advisory group as well as the steering committee. The group has met three times since August and is ready to start some modeling runs using Denver Water's water use data and running that through different land use pattern scenarios. The next meeting will occur in late November or early December 2014. *(Kevin Reidy)*

WEATHER MODIFICATION UPDATE—The CWCB weather modification program has $350,000 of funds to utilize for grants and operations, consisting of $175,000 of Construction Fund monies and $175,000 from the Colorado River lower basin states. Together this is 35% of the one million dollars spent on wintertime ground based cloud seeding each year in Colorado.

The plan for expenditures is $191,000 in operational grants to the five permitted programs throughout Colorado. The plan for remaining funds includes $15,000 towards operations at Winter Park, $26,000 to relocate a liquid propane dispenser on top of the Grand Mesa, $48,000 for a lease-to-own radiometer (which is a remote sensing unit similar to weather balloon data), $30,000 towards an program evaluation of the Central Mountains program, and $40,000 towards a project to develop new software and purchase a remote operated ice nuclei generator from the Idaho Power Company. *(Joe Busto)*

WEATHER MODIFICATION MODERNIZATION EFFORTS—A significant body of research is demonstrating that mountain valley generators are limited in their effectiveness at producing additional snowfall. Remote operated generators at high elevation overcome this obstacle. Many of Colorado's generators are unfortunately sited by contractors at locations of convenience and are not maximizing their potential. In contrast, high elevation generators sited up out of valley inversions are close to clouds and have good airflow and have been shown to be effective. This has been shown to be effective in other mountainous areas of the country.

Some this work has already happened at the Grand Mesa and at Winter Park. But there is often resistance from contractors and a general misunderstanding of this issue by local sponsors. CWCB staff intends to begin ranking applications higher for funding that favors "modernization work" to get Colorado more quickly in step with the rest of the nation. A tangible example of this is a recent effectiveness study that was conducted at Winter Park, clearly demonstrating the benefits of high elevation remote-operated equipment when compared to mountain valley generators. Staff believes the State's policy should be to target funding more towards high elevation remote-operated equipment and phase out mountain valley generators.

This issue will be discussed with the board in further detail during a future agenda item. *(Joe Busto)*

PHREATOPHYTE CONTROL GRANT PROGRAM—We are in the second year of providing $50,000 per year for a grant program operated by the Colorado Youth Corps Association. All projects from the first year have been completed and a final accounting and report is in preparation. Three of the five projects awarded in the second year have been completed and the remaining two will be done before the end of 2014. Based on this performance staff has decided to enter into an agreement with the CYCA for a third year of this successful program. Attachment 08 is a letter the CYCA received from appreciative citizens observing the St. Vrain project in Weld County. Although it doesn't specifically note the CWCB's role, it expresses well the many benefits of this program. *(Steve Miller)*

~ATTACHMENTS~

- 01 Stream and Lake Protection Section De Minimis Case
- 02 Instream Flow and Natural Lake Level Program – Summary of Resolved Opposition Cases
- 03 Finance – Prequalified Project List and Loan Prospect Summary
- 04 Finance – Emergency Loan Status Report
- 05 Finance – Design & Construction Status Report
- 06 Finance – Water Project Construction Loan Program, Loan Repayment Delinquency Report, Loan Financial Activity Report
- 07 FY 16 President's Budget Request Letter to the DOI
- 08 CYCA Letter of Appreciation

Director's Report Attachment – November 19-20, 2014 CWCB Meeting
Stream and Lake Protection Section De Minimis Cases

The following table summarizes applications that have the potential to injure the Board's instream flow water rights, but the impact is considered de minimis. In these cases, the cumulative impact to the Board's right is less than 1%. Pursuant to ISF Rule 8(e) (the de minimis rule), staff has not filed a Statement of Opposition in these cases and has provided the required notification to the Division Engineers and applicants.

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
2-94CW005	Paul & Linda Davis	Cottonwood Creek/ 2-79CW115	20 cfs (summer) 20 cfs (winter)	0.00165 % 0.00000 %	0.65548 % 0.31166 %	154
2-94CW005	Russel S. Rickard & Kim A. Jagger	Cottonwood Creek/ 2-79CW115	20 cfs (summer) 20 cfs (winter)	0.00213 % 0.00021 %	0.65713 % 0.31166 %	155
2-06CW032	G. Edward & Vicki Lee Eberle	Cottonwood Creek/ 2-79CW115	20 cfs (summer) 20 cfs (winter)	0.00213 % 0.00021 %	0.65926 % 0.31187 %	156
2-94CW041	Stephen C. Glover	Chalk Creek/ 2-77W4662	18 cfs (summer) 18 cfs (winter)	0.00237 % 0.00024 %	0.16100 % 0.01169 %	28
5-14CW3093	Scott & Kim Carlson	Plateau Creek/ 5-86CW226	16 cfs (summer) 16 cfs (winter)	0.06140 % 0.02576 %	0.53109 % 0.14283 %	4
5-14CW3002	Steve Morrow	St. Louis Creek/ 5-90CW316	6 cfs (summer) 3.5 cfs (winter)	0.02064 % 0.02165 %	0.02064 % 0.02165 %	0
5-14CW3002	Steve Morrow	Fraser River/ 5-90CW315	17 cfs (summer) 11 cfs (winter)	0.00728 % 0.00689 %	0.15914 % 0.22268 %	7
5-14CW3002	Steve Morrow	Fraser River/ 5-90CW308	17 cfs (summer) 11 cfs (winter)	0.00728 % 0.00689 %	0.09214 % 0.13096 %	31
5-14CW3002	Steve Morrow	Fraser River/ 5-90CW308B	30 cfs (summer) 19 cfs (winter)	0.00413 % 0.00399 %	0.13853 % 0.02543 %	18

November 19-20, 2014 Board Meeting
Instream Flow and Natural Lake Level Program
Summary of Resolved Opposition Cases

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

> 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 the Director has authorized the Attorney General's Office to enter into stipulations that protect the CWCB's water right(s).

(1) Case No. 3-2009CW34 – Application of San Luis Valley Water Conservancy District

The Board ratified this statement of opposition at its May 2010 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water right, which could cause an expansion of use, and plans for augmentation and exchange do not injure the Board's instream flow water rights on tributaries within the Upper Rio Grande Basin 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 decrees for a large number of ISF water rights in the Upper Rio Grande Basin within the San Luis Valley Water Conservancy District service area that could have been injured by this application.

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 District will not provide augmentation water under the Plan for Augmentation decreed in this case for a structure from which out-of-priority depletions accrue above or within a Colorado Water Conservation Board ("CWCB") decreed instream flow reach on a tributary of the Rio Grande unless and until the District demonstrates that it has facilities and/or exchanges that are sufficient to replace such depletions in time, location and amount. The limitations set forth in this paragraph shall not affect, restrict or modify the District's decreed right to replace depletions on tributaries of the Rio Grande in accordance with the terms and conditions of its previously decreed plans for augmentation identified in decree paragraph 8.

- The District will not approve an application for augmentation of a structure which depletes a tributary of the Rio Grande above or within a CWCB decreed instream flow reach under the Plan for Augmentation decreed in this case until such time as the District files a new water court application and obtains a decree amending this Plan for Augmentation approving the replacement of such depletions from storage and/or by exchange.

- Out-of-priority depletions which accrue below a CWCB decreed instream flow reach on a tributary of the Rio Grande may be replaced under the Plan for Augmentation decreed in this case at the confluence of the tributary and the Rio Grande mainstem, subject to the approval of the Division Engineer.

- The CWCB holds the decreed instream flow water rights, identified in Exhibit 6, attached to the Ruling and Decree that are senior to the appropriative rights of exchange decreed in this case. Those appropriative rights of exchange may not operate when the CWCB's instream flow rights identified in Exhibit 6 are not satisfied.

(2) Case No. 4-2013CW46 – Application of South Gothic Ecological Holding Co. and Rocky Mountain Biological Laboratory

The Board ratified this statement of opposition at its July 2013 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' proposed change of water right, which could cause an expansion of use, and plans for augmentation and exchange do not injure the Board's instream flow water rights on Copper Creek and the East 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 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
4-80CW89	Copper Creek	7	3/17/1980	East-Taylor	Gunnison
4-82CW255	East River	8/15	6/3/1982	East-Taylor	Gunnison
4-83CW228	East River	27/50	6/3/1982	East-Taylor	Gunnison
4-83CW230	East River	10	6/3/1982	East-Taylor	Gunnison
4-83CW226	East River	15/25	6/3/1982	East-Taylor	Gunnison

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

- SGEHC's historical water uses are included within the historical uses of the RMBL water rights described in the decree in Case No. 11CW65. The average annual domestic water demand for the four cabin residences served within the SGEHC is estimated to be 0.182 acre feet.

(3) Case No. 4-2013CW3074 – Application of Bruce R. Cranor, Roy J. Cranor and Colorado Dream Ranch, LLC.

The Board ratified this statement of opposition at its March 2014 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' proposed change of water rights, which could cause an expansion of use, do not injure the

Board's instream flow water rights on Cow Creek, Willow Creek and Pass Creek by not replacing out-of-priority depletions in proper time, place, or amount.

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
4-84CW364	Cow Creek	1.0	5/4/1984	East-Taylor	Gunnison
4-74CW2375	Willow Creek	15	9/19/1974	East-Taylor	Gunnison
4-82CW249	Pass Creek	1.5	6/3/1982	East-Taylor	Gunnison

- CWCB has consented to Applicant's request to file a Motion to Withdraw in this case.

(4) Case No. 5-2012CW177 – Application of Exxon Mobile

The Board ratified this statement of opposition at its March 2013 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, which could cause an expansion of use, and plans for augmentation and exchange do not injure the Board's instream flow water righst on Main Elk Creek and Elk 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
5-80CW311	Main Elk Creek	6/10	5/7/1980	Colorado	Garfield
5-80CW314	Elk Creek	6/10	5/7/1980	Colorado	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:

- Due to the requested additional alternate point of diversion, ExxonMobil agrees that it will not utilize the original point of diversion decreed in Civil Action No. 4914 to divert the Main Elk-Wheeler Gulch Pipeline water right.
- As the existing decreed uses are 100% consumptive, there will be no expansion of use by the requested change in place of use. ExxonMobil anticipates that its use of water imported into the Piceance and Yellow Creek basins will likewise be 100% consumptive.

(5) Case No. 5-2013CW3088 – Application of Vail Associates, Inc.

The Board ratified this statement of opposition at its March 2014 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 exchange do not injure the Board's instream flow water rights on Beaver Creek and Eagle 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
5-75W2719	Beaver Creek	4/12	5/1/1975	Eagle	Eagle
5-80CW124	Eagle River	50/130	3/17/1980	Eagle	Eagle
5-80CW126	Eagle River	45/110	3/17/1980	Eagle	Eagle
5-80CW134	Eagle River	35/85	3/17/1980	Eagle	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:

- The augmentation by exchange will operate when in priority and will not operate to the extent any intervening water rights, including exchanges, within the exchange reach segments that are senior to this exchange plan place a call that is recognized and administered by the Division Engineer. The priority date of this conditional exchange is December 4, 2013, and the rate of exchange is 3 cfs for industrial snowmaking uses up to 500 acre feet per year plus transit losses.

(6) Case No. 6-2010CW69 - Application of Chico Needmore Ranch, LLC

The Board ratified these statements of opposition at its March 2011 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of use, which may expand diversions, claims for a senior appropriation date for additional uses, and claims to pre-date the CWCB's instream flow water right, do not injure the Board's instream flow water rights on Elk Creek and Big Creek if the existing uses are not verified.

The Court entered an Order granting Applicant's motion to withdraw and dismiss the application without prejudice on October 20, 2014.

The CWCB holds the following instream flow water rights that could be injured by this application:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
6-77W1331	Elk River	65	9/23/1977	Upper Yampa	Routt
6-77W1334	Big Creek	15	9/23/1977	Upper Yampa	Routt

- This case was withdrawn by Applicant as part of an agreement in companion Case No. 2010CW68.

(7) Case No. 7-2005CW44 – Application of Dolores Water Conservancy District

The Board ratified this statement of opposition at its November 2005 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plans for augmentation and exchange do not injure the Board's instream flow water rights on Fish Creek and the West Fork of the Dolores 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 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
7-84CW300	Fish Creek	3	7/13/84	Dolores River	Dolores
7-84CW298	WF Dolores River	10	7/13/84	Dolores River	Dolores
7-84CW299	WF Dolores River	17	7/13/84	Dolores River	Dolores

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

- After clarifying the intent and context of this case in the decree, CWCB obtained a decree term to protect the instream flow water rights listed in the decree from an expansion of use by senior water rights. Applicant agreed that instead of operating out-of-priority, the irrigation season will be shortened by the number of days that replacement water is not available for release from Groundhog Reservoir under this case and under Case No. 96CW49.

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

1313 Sherman Street
Denver, CO 80203

P (303) 866-3441
F (303) 866-4474

John Hickenlooper, Governor

Mike King, DNR Executive Director

James Eklund, CWCB Director

TO: **Colorado Water Conservation Board Members**

FROM: **Anna Mauss, P.E., Marketing**
Finance Section

DATE: **November 19-20, 2014 Board Meeting**

AGENDA ITEM: **Directors Report**
Prequalified Project List and Loan Prospect Summary

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						
Donald Shahan	Crowley Dam Rehabilitation	May 1, 2014	San Juan / Dolores	This project involves the replacement of the outlet pipe and spillway repair at Crowley Reservoir.	$260,000	$234,000
Totals					$260,000	$234,000

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

LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
South Platte					
	11-Jan	East Larimer County Water District	Rigdon Storage Project		$3,000,000
	11-Oct	NISP Participants	NISP		$30,000,000
	11-Dec	Pinehurst Country Club	Harriman Reservoir	$5,000,000	$500,000
	12-Feb	McKay Lateral	Ditch Lining Project		$50,000
	12-Jun	Foothills Park & Recreation	Reservoir Expansion	$10,000,000	$900,000
	12-Oct	Shamrock Irrigation Company	Reservoir Rehabilitation		$100,000
	13-Dec	Julesburg Irrigation District	Flume Repair		$150,000
	13-Dec	Harry Lateral Ditch Company	Ditch Lining Project		$70,000
	14-May	Colorado Trout Group	Reservoir Rehabilitation		$300,000
	14-Jun	Dixon Reservoir Water Company	Reservoir Rehabilitation		$300,000
				TOTAL	**$35,070,000**
Arkansas					
	11-Sep	Ditch and Reservoir company	Big Johnson Reservoir		$8,000,000
	12-Oct	Highline Canal Company	Water Rights Purchase	$4,500,000	$4,100,000
	12-Feb	Colorado City Metro District	Beckwith Dam Repair		$500,000
	13-Apr	City of Walsenburg	Reservoir(s) Rehabilitation		$6,000,000
	13-Dec	Stonewall Springs, LLC	Reservoir Construction	$6,000,000	$5,500,000
	13-Nov	Two Rivers Water & Farming	Augmentation Project		$1,000,000
	14-Feb	Colorado Springs Fly Casting Club	Reservoir Rehabilitation		$450,000
				TOTAL	**$25,550,000**
San Miguel/Juan					
	11-Feb	City of Ouray	Red Mountain Ditch Rehabilitation	$200,000	$200,000
	14-Jun	Thompson - Epperson Ditch Company	Ditch Rehabilitation Project		$100,000
	14-July	Moonlight Ditch	Ditch Lining (NRCS)		$200,000
				TOTAL	**$500,000**

Colorado					
		Highland Ditch Co	Ditch Rehabilitation Project	$200,000	$200,000
		Ian Carney - Felix Tornare	Polaris Reservoir Rehabilitation	$500,000	$500,000
				TOTAL	**$700,000**
Gunnison					
	12-Oct	Fire Mountain Canal & Reservoir Co.	New Reservoir		$500,000
	14-Oct	Farmers Ditch	Ditch Rehabilitation		$100,000
				TOTAL	**$600,000**
Rio Grande					
	13-Jun	Manasa Land & Irrigation Co.	Ditch Rehabilitation		$1,000,000
	14-May	Baca Grande Water and Sanitation District	Water Rights Purchase		$1,000,000
				TOTAL	**$2,000,000**
Yampa					
	13-Dec	R Lazy J Ranch	New Reservoir and Diversion Structure Rehab	$1,000,000	$750,000
				TOTAL	**$750,000**
				TOTAL	**$74,470,000**

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

Recent inquiries:

Town of Oak Creek – Reservoir Rehabilitation

Holita Reservoir – Reservoir Rehabilitation

Kembel Reservoir – Reservoir Rehabilitation

Town of Manitou Springs – Pipeline Project

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

1313 Sherman Street
Denver, CO 80203

P (303) 866-3441
F (303) 866-4474

John Hickenlooper, Governor

Mike King, DNR Executive Director

James Eklund, CWCB Director

TO: **Colorado Water Conservation Board Members**

FROM: **Kirk Russell, P.E., Chief**
Finance Section

DATE: **November 19-20, 2014**

AGENDA ITEM: **Directors Report**
Emergency Loan Status Report

As a result of the unprecedented floods of September 2013, the CWCB awarded zero-interest and no-payment 3-year bridge loans to water suppliers. Typically the loans are utilized by borrowers to replace diversion structures and reconstruct the ditch delivery system.

To date, the CWCB has authorized twenty-four (24) projects totaling $23.6 million. There are currently eighteen (18) projects under contract ready to receive loan funds for eligible project expenses. The CWCB Emergency Loan Program has Completed Construction on four (4) projects in Calender Year 2014 as shown in Table 1.

The attached spreadsheet summarizes the status of the projects. A detailed description can be found on the subsequent Data Sheets.

TABLE 1

	Borrower	Project	County	Loan	Completed
1	Boulder & Larimer Co Irr.	Diversion Structure Repair	Boulder/Larimer	$202,000	April '14
2	Culver Ditch Company	Culver Mahoney Ditch Repair	Boulder/Larimer	$151,500	May '14
3	Ish Reservoir Company	Inlet Ditch&Diversion Repair	Boulder	$207,050	April '14
4	Sylvan Dale Ranch, LLLP	Emergency Pond Excavation	Larimer	$105,171	May '14
			Total:	$665,721	

Boulder and Larimer County Irrigating and Manufacturing Ditch Company
Emergency Boulder & Larimer Diversion Structure Repair

C150374

Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged. The purpose of this Project is to repair the Little Thompson River diversion structure and the Ish Reservoir inlet ditch structure to allow the Company to deliver water to shareholders.

Project Data

Sponsor: Boulder & Larimer County Irrigating & Manufacturing Ditch Co.

County: Boulder & Larimer

Water Source: Little Thompson River

Terms of Loan: $202,000 for 30 years @ 1.90%

Construction Completed: April 2014

Expended Amount: $202,000

Anticipates FEMA Funding: NO

Design Engineer: Tessara Water, LLC – Hudson, Colorado and SM&RC Structural Engineers, Inc. – Lakewood, Colorado

Contractors: Concrete Structures, Inc. – Longmont, CO. & Zac Dirt, Inc. – Longmont, CO.

Project Elements: The Project included the repair of the Little Thompson River diversion structure and the Ish Reservoir Inlet Ditch: The scope of work for the diversion structure repairs involved removing debris from the dam and diversion structure, forming and pouring a new wing wall on the north side of the diversion dam, and then rechanneling the Little Thompson River to flow back over the diversion dam. The scope of work for the inlet ditch washout repairs involved creating a new path for the Company's ditch through the area. This involved creating a foundation secured to bedrock and building a new water conveyance system on top of the foundation.

Culver Lateral Ditch Company
Emergency Culver Mahoney Ditch Repair

150390

Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Culver Lateral Ditch Company ditch and diversion structure. The flood damaged the diversion dam, headgate structure, sand gates, measurement flume, and recording structure. Additionally, the first 1,500 feet of ditch was destroyed as it effectively became a part of the Little Thompson River. The next 1,800 feet of ditch was filled with sediment. The purpose of the Project is to repair the diversion structure and ditch to allow the Company to divert its decreed water rights.

Project Data

Sponsor: Culver Lateral Ditch Company **County:** Boulder/Larimer **Water Source:** Little Thompson River
Terms of Loan: $151,000 for 30 years @ 2.30% **Construction Completed:** May 2014
Expended Amount: $151,000
Anticipates FEMA Funding: YES
Design Engineer: TZA Water Engineers, Inc. – Lakewood, Colorado

Contractor: Chaparral Construction, LLC – LaVeta, Colorado

Project Elements: The project included removal of debris and silt from the ditch and diversion dam, reshaping the ditch sideslopes and flowline, and rehabilitation of the headgate structure, sand gates, measurement flume, and recording structure.

Ish Reservoir Company
Emergency Inlet Ditch and Diversion Structure Repair

C150376

Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged. The purpose of this Project is to repair the Little Thompson River diversion structure and the Ish Reservoir inlet ditch structure to allow the Company to deliver water to shareholders.

Project Data

Sponsor: Ish Reservoir Company

County: Boulder & Larimer

Water Source: Little Thompson River

Terms of Loan: $207,050 for 30 years @ 1.75%

Construction Completed: April 2014

Expended Amount: $207,050

Anticipates FEMA Funding: NO

Design Engineer: Tessara Water, LLC – Hudson, Colorado and SM&RC Structural Engineers, Inc. – Lakewood, Colorado

Contractors: Concrete Structures, Inc. – Longmont, CO. & Zac Dirt, Inc. – Longmont, CO.

Project Elements: The Project included the repair of the Little Thompson River diversion structure and the Ish Reservoir Inlet Ditch: The scope of work for the diversion structure repairs involved removing debris from the dam and diversion structure, forming and pouring a new wing wall on the north side of the diversion dam, and then rechanneling the Little Thompson River to flow back over the diversion dam. The scope of work for the inlet ditch washout repairs involved creating a new path for the Company's ditch through the area. This involved creating a foundation secured to bedrock and building a new water conveyance system on top of the foundation.

Sylvan Dale Ranch, LLLP
Emergency Irrigation Pond Excavation

C150392

Project Description

The Ranch has been owned and operated by the Jessup family since 1946 as both a guest ranch and a working ranch encompassing 3,200 acres in the foothills at the mouth of the Big Thompson Canyon, seven miles west of Loveland. There are 160 the year, the pastures are grazed by the Ranch's grass-fed cattle herd. The Ranch owns two adjoining ponds next to Big Thompson River. The ponds, which were silted in during the September 2013 flood, are fed by springs and drain into the river just above the George Rist Ditch diversion. The Ranch pumps water out of the ponds to irrigate pastures located immediately south of the ponds. Between 142 and 190 acre-feet are used per season, using two center pivots. Without these ponds, there is no means to irrigate the pastures. The purpose of this project is to excavate the silt from the ponds.

Project Data

Sponsor: Sylvan Dale Ranch, LLP **County:** Larimer **Water Source:** Big Thompson River
Terms of Loan: $105,171 for 30 years @ 1.75% **Construction Completed:** May 2014
Expended Amount:$105,171
Anticipates FEMA Funding: NO
Design Engineer: None

Contractor: Custom Design Fabricators – Livermore, Colorado

Project Elements: The ponds were excavated and the silt was distributed to various locations on the Ranch.

November 4, 2014

Colorado Water Conservation Board
Water Project Loan Program
Emergency Loan Status Report

Current Projects in Design or under Construction

	Borrower/Project	County	Loan Amount	Design Status	Construction Start/End	Construction Status	PM	Status Description/Update
1	Beeman Irrigation > Emergency Beeman Diversion Dam Repair C150385	Weld	$ 2,020,000	100%	1/2014-5/2014	95%	JH	Project 95% complete. Waiting on installation of appurtanences….walkways, gauges, handrails, etc.
2	Big Elk Meadows Association > Emergency Raw Water Storage Repair C150391	Boulder/ Larimer	$ 1,515,000	75%	7/2014-4/2015	5%	JH	Project includes the reconstruction of 5 dams in series. Only one dam, the lowest one. is jurisdictional. Two dams under construction. Rest of dams to follow.
3	Big Thompson and Platte River > Big Thompson & Platte River Div. Structure Repair C150373	Larimer	$ 808,000	100%	5/2014-6/2014	95%	JH	Design change complete. Project is now a siphon crossing the Little Thompson River, rather than an elevated pipe. Construction nearly completed.
4	Boulder and Larimer County Irrigation > Boulder & Larimer Diversion Structure Repair C150374	Boulder & Larimer	$ 202,000	100%	1/2014-4/2014	100% Ltr	JH	Construction complete, used all loan funds. No grant reimbursements are expected.
5	Butte Irrigation & Milling Company > Emergency Berm Repair C150382	Boulder	$ 277,750	100%	4/2014-5/2014	100%	JH	Construction complete, loan funds remaining. No additional dibursements are anticipated.
6	Church Ditch Water Authority > Leyden Creek Crossing Repair C150377	Jefferson	$ 606,000	100%	1/2014-5/2014	95%	JH	Repair construction complete, loan funds remaining. Additional dibursements are anticipated for mitigation portion of project.
7	Consolidated Home Supply Ditch & Reservoir Co > Big Dam Diversion Structure Repair C150375	Larimer	$ 1,840,000	100%	1/2014-10/2014	50%	JH	The project is 50% complete and running water. The dam will be topped off this fall after the irrigation season. Loan increase approved at Sept 2014 for flood mitigation work.
8	Consolidated Home Supply Ditch & Reservoir Co > George Rist Ditch Repair C150380	Larimer	$ 519,140	100%	2/2014-5/2014	95%	JH	Project 95% complete. Waiting on installation of appurtanences. Loan Increase request approved during July 2014 Board Meeting
9	Culver Ditch Company > Culver Mahoney Ditch Repair C150390	Boulder & Larimer	$ 151,500	100%	2/2014-4/2014	100% Ltr	JH	Construction complete, used all loan funds. FEMA grant reimbursement is expected.
10	Green Ditch Company > Emergency Green Ditch Channel Repair C150383	Boulder	$ 530,250	100%	5/2014-6/2014	100%	JH	The project schedule and description has been revised to include only the river breach construction, which has been completed. The diversion structure will be completed using other funds later in the fall.

Kirk Russell, PE
Finance Section Chief

Attachment 4

Emergency Loan Design and Construction Status Report

	Current Projects in Design or under Construction Borrower/Project	County	Loan Amount	Design Status	Construction Start/End	Construction Status	PM	Status Description/Update
11	Haldi Ditch Company > Emergency Haldi Ditch Reapir C150389	Boulder	$ 50,500	100%	1/2014- 3/2014	100%	JH	Construction completed as part of larger project. PM for larger project waiting to bill borrower until FEMA funds are in.
12	Highland Ditch Company > Highland Ditch System Repairs C150369	Boulder	$ 1,999,800	100%	10/2013- 4/2014	100%	JH	Construction complete, loan funds remaining. No additional dibursements are anticipated.
13	Ish Reservoir Company > Inlet Ditch & Diversion Structure Repair C150376	Boulder	$ 207,050	100%	1/2014- 4/2014	100% Ltr	JH	Construction complete, used all loan funds
14	Left Hand Ditch Company > Left Hand Ditch System Repairs C150370	Boulder	$ 3,276,056	100%	10/2013- 5/2014	85%	JH	Contractor removing debris and regrading river. Several projects are included in this loan. All are in different levels of completion. Major progress has taken place over the last two months. Project on schedule for completion 5/15/14
15	North Poudre Irrigation Company > Fossil Creek Res. Diversion Structure Repair C150368	Larimer	$ 481,770	100%	2014	0%	JH	The Poudre River is still running high. Construction likely delayed to to river conditions.
16	Oligarchy Irrigation Company > Oligarchy Irr. Ditch River Diversion Struct. Repair C150372	Boulder	$ 1,262,500	100%	1/2014- 5/2014	90%	JH	Main project completed May 2014. Additional riprap to be placed fall 2014
17	Rough & Ready Irrigation Ditch Company > Rough & Ready River Diversion Struct.Repair C150371	Boulder	$ 1,843,250	100%	1/2014- 5/2014	98%	JH	Main project completed May 2014. May require additional punch list type work to be done such as re-seeding.
18	Sylvan Dale Ranch,LLP > Emergency Irrigation Pond Excavation C150392	Larimer	$ 105,171	100%	6/2014- 4/2014	100% Ltr	JH	Construction complete, used all loan funds. Have provided a grant reimbursement, no additional reimbursement is expected.

Projects Under Contract SubTotal = $ 17,695,737

Projects Not Under Contract

a	Louden Irrigating Canal & Reservoir Company > Emergency Diversion Structure and Ditch Repair C150398	Larimer	$ 121,200	In Contracting		JH	Approved May 2014 Board Meeting. In Contracting

Kirk Russell, PE
Finance Section Chief

Attachment 4

Emergency Loan Design and Construction Status Report

	Current Projects in Design or under Construction Borrower/Project	County	Loan Amount	Design Status	Construction Start/End	Construction Status	PM	Status Description/Update
b	St. Vrain and Left Hand Water Conservancy District > Emergency Rock'n WP Ranch Lake No. 4 Repair C150???	Boulder	$ 4,545,000	In Contracting			JH	Approved July 2014 Board Meeting. In Contracting
c	~~Davidson Ditch & Reservoir Company~~ > Emergency Davidson Ditch Lining C150384	Boulder	$ 37,370	In Contracting			JH	Very small project, owner may not utilize loan. Will likely be deauthroized in November 2014
d	~~City of Evan, Water Activity Enterprise~~ > Emergency Evans Town Ditch Repairs C150387	Weld	$ 722,150	In Contracting			JH	City still negotiating with FEMA and may chose to not use the loan. Will likely be deauthorized in November 2014.
e	~~Zweck and Turner Ditch Company~~ > Zweck and Turner Ditch Repair C150388	Boulder	$ 252,500	In Contracting			JH	Ditch company has been unable to incorporate. Will likely be deauthorized in November 2014
f	~~Union Ditch Company~~ > Emergency Union Ditch Repair C150381	Weld	$ 202,000	To Be Deauthorized			JH	Received deauthorization request letter. To be deauthorized in November 2014

Not Under Contract SubTotal = $ 5,880,220

Grand Total = $ 23,575,957

Kirk Russell, PE
Finance Section Chief

Attachment 4

CWCB Water Project Loan Program
Project Data Sheet

C150385

Borrower: Beeman Irrigating Ditch and Milling Company
County: Weld

Project Name: Emergency Beeman Diversion Dam Repair
Project Type: Diversion Rehabilitation

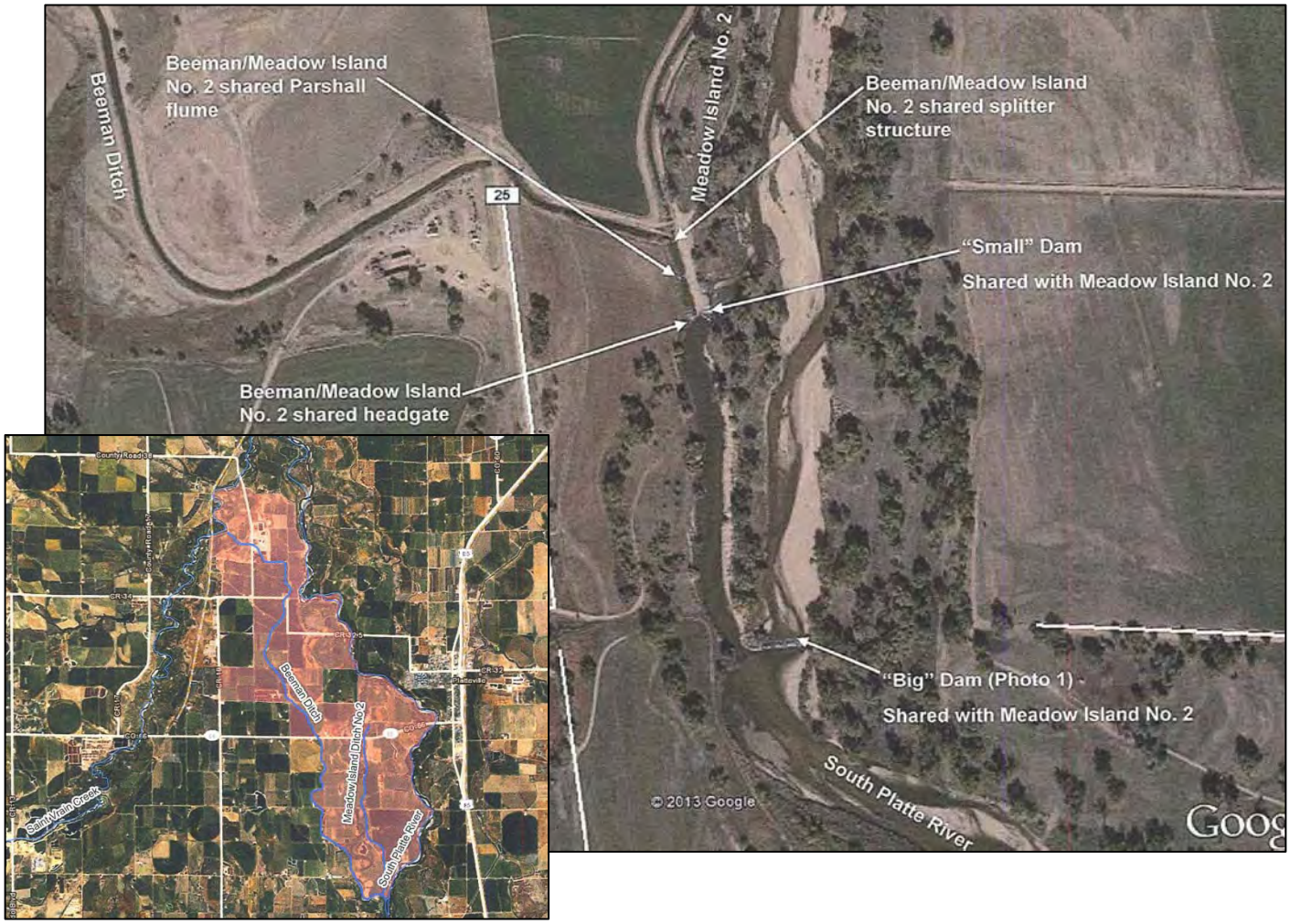
Drainage Basin/ District: South Platte / 2
Water Source: South Platte River

Total Project Cost: $2,000,000
Funding Source: Severance Tax PBF

Type of Borrower: Agricultural
Average Annual Diversion: 10,586 AF

CWCB Loan: $2,020,000 (with 1% service fee)
Interest Rate: 1.75% **Term:** 30-years

The Company and Meadow Island No. 2, jointly operate a diversion dam, measurement flume, and bifurcation structure. (Beeman is allocated 75% of costs, Meadow Island is allocated 25% of costs). The diversion headworks was constructed in the early 1900s to irrigate approximately 5,000 acres under both canal systems. The September 2013 flood deposited silt covered the diversion dam and cut a new channel through the historic island, cutting off flow to the joint headworks area. The project includes four phases: 1) Demolition of existing structures and reconstruction of the headworks (headwall, headgates, flow measurement, and bifurcation structure), 2) Install an adjustable check dam in place of the current stop log dam, 3) Demolition of a portion of the existing "big dam" structure at the river, 4) Channel bank stabilization will be coordinated with adjoining landowners.



CWCB Water Project Loan Program
Project Data Sheet

C150391

Borrower: Big Elk Meadows Association

County: Boulder/Larimer

Project Name: Emergency Raw Water Storage Repair Project

Project Type: Reservoir Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: West Fork of the Little Thompson River

Total Project Cost: $1,900,000

Funding Source: Severance Tax PBF

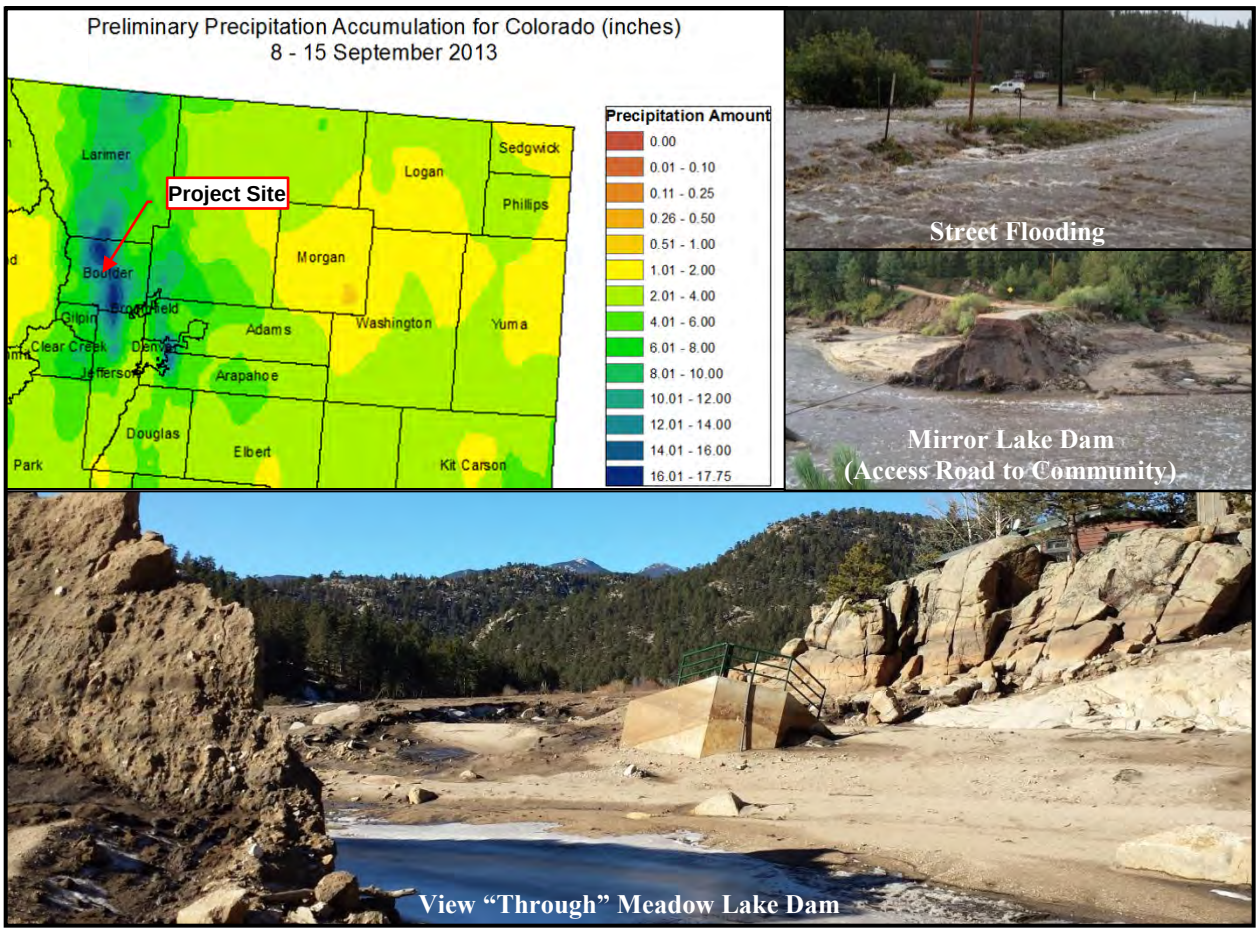
Type of Borrower: Middle-Income Municipal

Water Storage: 108 AF

CWCB Loan: $1,515,000 (with 1% service fee)

Interest Rate: 2.75% **Term:** 30-years

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged. Measured rainfall in and around Big Elk Meadows exceeded the 1,000-year Average Recurrence Interval for rainfall. Flow along the West Fork reached historic levels and resulted in the destruction of all five dams; both flow monitoring stations; the community's access road (CR-47); the majority of interior roads; and the water, power, and telephone services. The purpose of this project is to restore the community's water supply by reconstructing the five dams and two monitoring stations.



CWCB Water Project Loan Program
Project Data Sheet

C150373

Borrower: Big Thompson & Platte River Ditch Company

County: Larimer

Project Name: Big Thompson & Platte River Diversion Structure Repair

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: Big Thompson River

Total Project Cost: $800,000

Funding Source: Severance Tax PBF

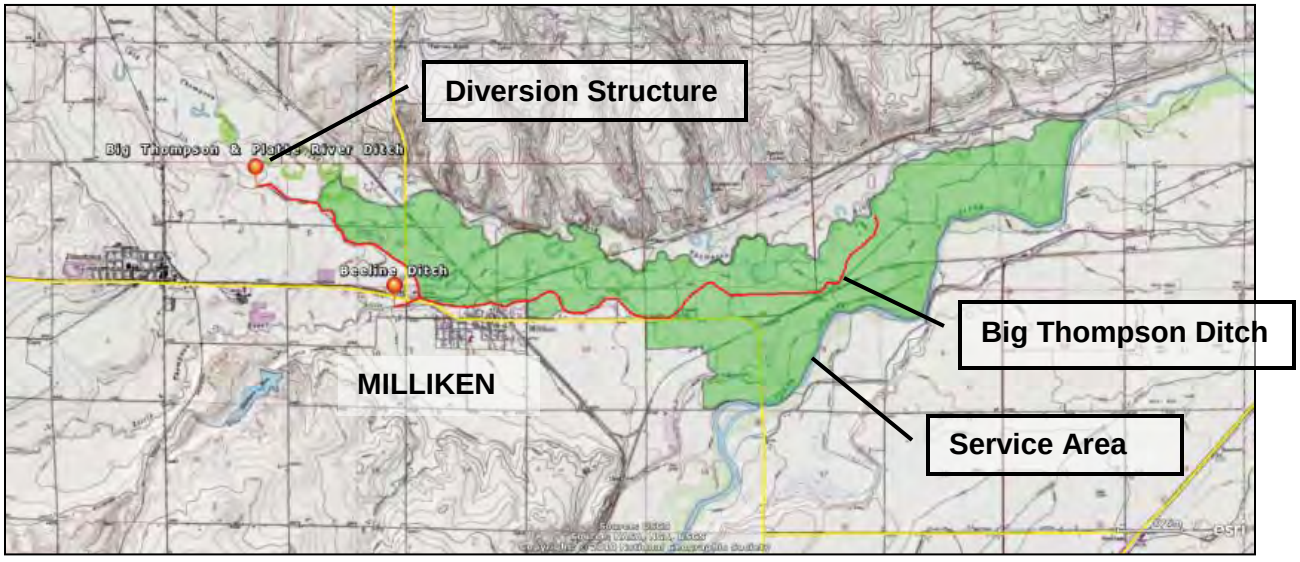
Type of Borrower: Blended

Average Annual Diversion: 9,736 AF

CWCB Loan: $808,000 (with 1% service fee)

Interest Rate: 1.85% **Term:** 30-years (97% Ag, 3% Comm)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged. The purpose of this Project is to repair the diversion structure and crossing structures to allow the Company to deliver water to shareholders. The Company's diversion structure and by-pass structure will be repaired and its crossing over the Little Thompson River will be replaced. The crossing structure was a bottleneck at times of free river, so the structure will be improved to allow for additional flows.



CWCB Water Project Loan Program
Project Data Sheet

C150382

Borrower: Butte Irrigating & Milling Company

County: Boulder

Project Name: Emergency Berm Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 6

Water Source: Boulder Creek

Total Project Cost: $275,000

Funding Source: Severance Tax PBF

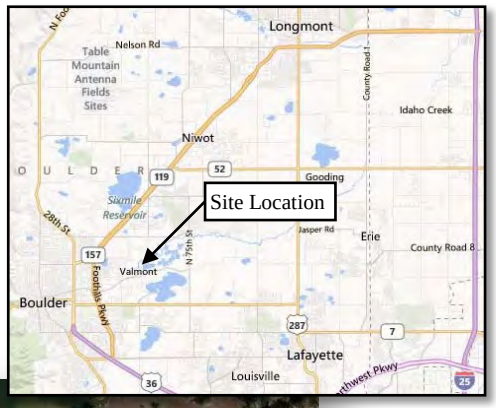
Type of Borrower: Blended

Average Annual Diversion: 1,177 AF

CWCB Loan: $277,750
(with 1% service fee)

Interest Rate: 2.30% **Term:** 30-years
(48% Ag, 51% Mid-Muni, 1% Commercial

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's Butte Mill Ditch. Portions of the ditch were silted in and the flood eventually breached a berm upstream of the Company's diversion point, causing the post-flood river to bypass the diversion structure. The purpose of the Project is to repair this berm and clean out the ditch channel to allow the Company to divert its decreed water rights.



CWCB Water Project Loan Program
Project Data Sheet

C150377

Borrower: Church Ditch Water Authority

County: Jefferson

Project Name: Leyden Creek Crossing Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 7

Water Source: Clear Creek

Total Project Cost: $600,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 8,355 AF

CWCB Loan: $606,000
(with 1% service fee)

Interest Rate: 2.85% **Term:** 30-years
(6% Ag, 26% Mid, 67% High, <1% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Authority's Church Ditch. Church Ditch flood repairs include restoring the Church Ditch to pre-flood conditions. The Leyden Creek Crossing Structure will be rebuilt with this section of the ditch piped to prevent the uncontrolled diversion of flood waters in potential future events. For all areas of the ditch, sediment that was deposited by the flood will be removed and the ditch banks will be reshaped where sloughing occurred. Riprap will be added to portions of the reconstructed ditch banks to prevent erosion and increase protection to the ditch.

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Emergency Big Dam Diversion Structure Repair

Consolidated Home Supply Ditch & Reservoir Company

September 2014 Board Meeting

(Loan Increase)

LOAN DETAILS	
Project Cost:	$2,775,000
CWCB Loan (with Service Fee):	$1,840,000 *(15% increase)*
Loan Term and Interest Rate:	30 Years @ 1.95%
Funding Source:	*Severance Tax Perpetual Base Fund*

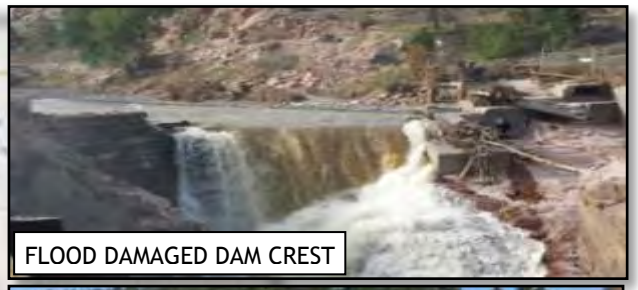
BORROWER TYPE		
Agriculture	*Municipal*	*Commercial*
76%	0% Low - 23% Mid - <1% High	<1%

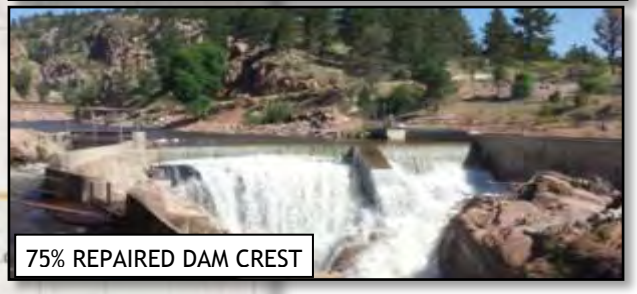
PROJECT DETAILS	
Project Type:	Diversion Rehabilitation
Average Annual Diversion:	22,000 AF

LOCATION			
County:			Larimer
Water Source:			Big Thompson River
Drainage Basin:			South Platte
Division:	1	*District:*	4

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's "Big Dam" diversion structure. During the flood, the top five feet of the masonry dam structure was washed out and the mortar between masonry blocks on the north abutment was partially lost. Field observations show that the river was overtopping the structure by approximately 10 feet. The purpose of this project is to restore the "Big Dam" diversion structure to its pre-flood crest elevation while improving the structural integrity of the structure.

As part of the design and evaluation process, the Company worked with FEMA, the Engineer, and the Construction Manager to identify any appropriate flood mitigation measures. As a result, improvements will be made to the Big Dam's spillway capacity by reconstructing the abandoned spillway and modifying the Company's headgates. Incorporating these improvements will increase the total Project cost from $1.6 million to $2.8 million. The Company has agreements with FEMA and the City of Loveland to provide funding assistance. The cost-share agreement with the City allows this increase request to only be $240,000. Construction is on-going and is expected to finish in winter of 2014/15.



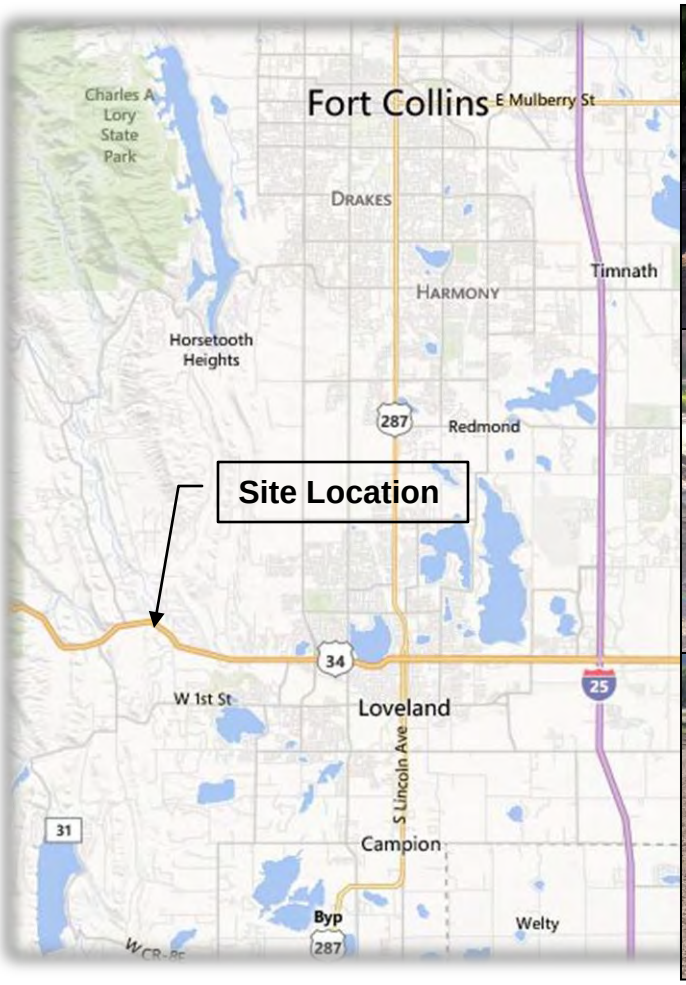


CWCB Water Project Loan Program
Project Data Sheet
(Increase)

C150380

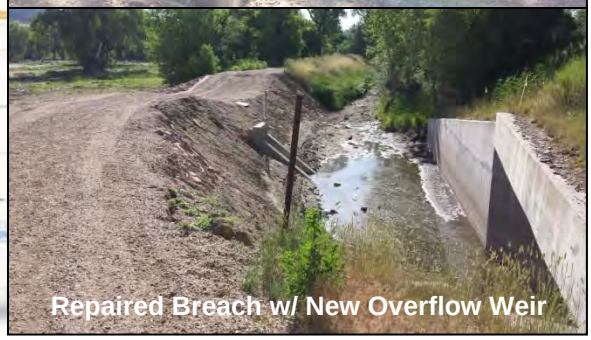
Borrower: Consolidated Home Supply Ditch & Reservoir Company
County: Larimer
Project Name: Emergency George Rist Ditch Repair
Project Type: Ditch Rehabilitation
Drainage Basin/ District: South Platte / 4
Water Source: Big Thompson River
Total Project Cost: $514,000
Funding Source: Severance Tax PBF
Type of Borrower: Blended
Average Annual Diversion: 22,000 AF
CWCB Loan: $519,140 (with 1% service fee)
Interest Rate: 1.95% **Term:** 30-years
(76% Ag, 23% Mid, <1% High, <1% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged, including the Company's George Rist ditch and diversion structure. During the flood, the diversion dam, headgate, measuring flume, stilling well and house, and access road were heavily damaged. Additionally, two sections of the ditch's embankment and bottom were completely washed out. The purpose of this Project is to restore the George Rist Ditch to its pre-flood condition. During repairs, approximately $70,000 worth of additional needs were identified prompting a request for additional funds.




Repaired Diversion Structure


New Flume and Recorder


Repaired Breach w/ New Overflow Weir

CWCB Water Project Loan Program
Project Data Sheet

C150383

Borrower: Green Ditch Company

County: Boulder

Project Name: Emergency Green Ditch Channel Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 6

Water Source: Boulder Creek

Total Project Cost: $525,000

Funding Source: Severance Tax PBF

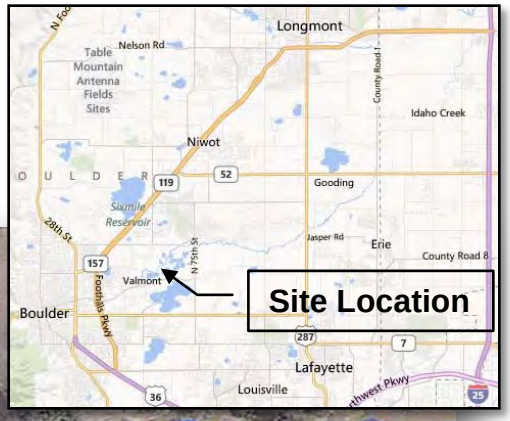
Type of Borrower: Blended

Average Annual Diversion: 1,847 AF

CWCB Loan: $530,250 (with 1% service fee)

Interest Rate: 2.50% **Term:** 30-years
(21% Ag, 58% Mid, 5% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Green Ditch. Additionally the flood relocated Boulder Creek at this location and water no longer flows to the Green Ditch headgate. Various stakeholders have indicated the creek's new alignment is more environmentally friendly alignment. In an effort of collaboration the Company plans to relocate their point of diversion upstream of the breach and build a fish friendly diversion structure. A new pipeline will connect the new diversion structure with the existing ditch.



CWCB Water Project Loan Program
Project Data Sheet

C150389

Borrower: Haldi Ditch Company

County: Boulder

Project Name: Emergency Haldi Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: Left Hand Creek

Total Project Cost: $343,000

Funding Source: Severance Tax PBF

Type of Borrower: Agricultural/Municipal

Average Annual Diversion: 3,000 AF

CWCB Loan: $50,500
(with 1% service fee)

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

The Haldi Ditch is located within the Left Hand Ditch Company's system and within the Left Hand Water District. The Haldi Ditch conveys Left Hand Ditch Company shares via a pipeline for irrigation users and as a raw water source for the Left Hand Water District's Spurgeon Water Treatment Plant and two Left Hand Water District reservoirs. During the 2013 flood event, the Left Hand Creek left its bank immediately upstream of the Haldi Diversion scouring a new channel and disconnecting the creek from the diversion. The proposed project involves the construction of a grouted boulder drop structure to divert water back into the historic channel leading to the intake structure. The historic channel and structures will be cleared of debris and repaired. The pipeline that was scoured and damaged will be removed and replaced with new ductile iron pipe. The access road will be restored to existing conditions and the diversion and stream bank will be armored.

CWCB Water Project Loan Program
Project Data Sheet

C150369

Borrower: Highland Ditch Company

County: Boulder

Project Name: Highland Ditch System Repairs

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: St. Vrain Creek

Total Project Cost: $1,980,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 38,000 AF

CWCB Loan: $1,999,800
(with 1% service fee)

Interest Rate: 1.95% **Term:** 30-years
(86% Ag, 6% Mid, 6% High, 2% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged. The purpose of this Project is to repair the Company's system to allow the delivery of water to shareholders. The scope of work includes: repairing of the main diversion structure, headgate, SCADA system, and inlet and outlet of Foothills Reservoir.

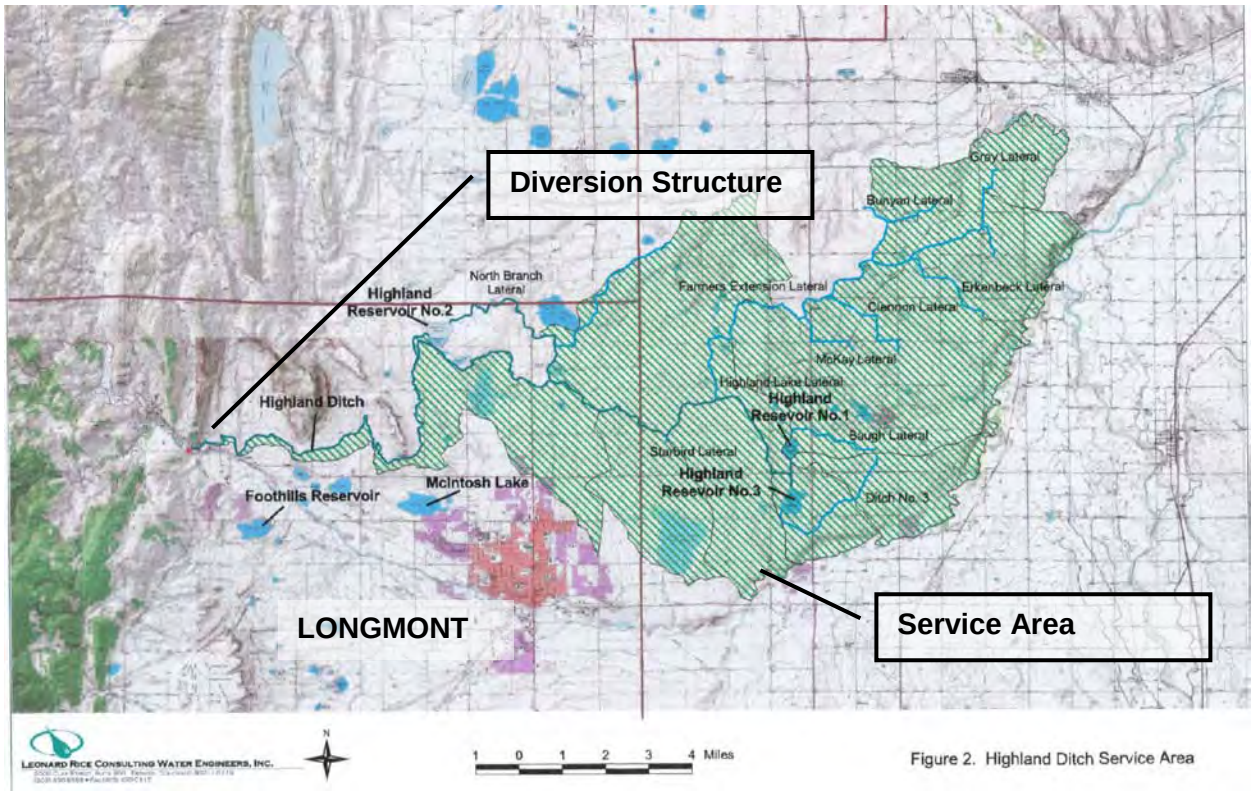


Figure 2. Highland Ditch Service Area

CWCB Water Project Loan Program
Project Data Sheet

C150370

Borrower: Left Hand Ditch Company

County: Boulder

Project Name: Left Hand Ditch System Repairs

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: Left Hand & St. Vrain Creeks

Total Project Cost: $3,243,620

Funding Source: Severance Tax PBF

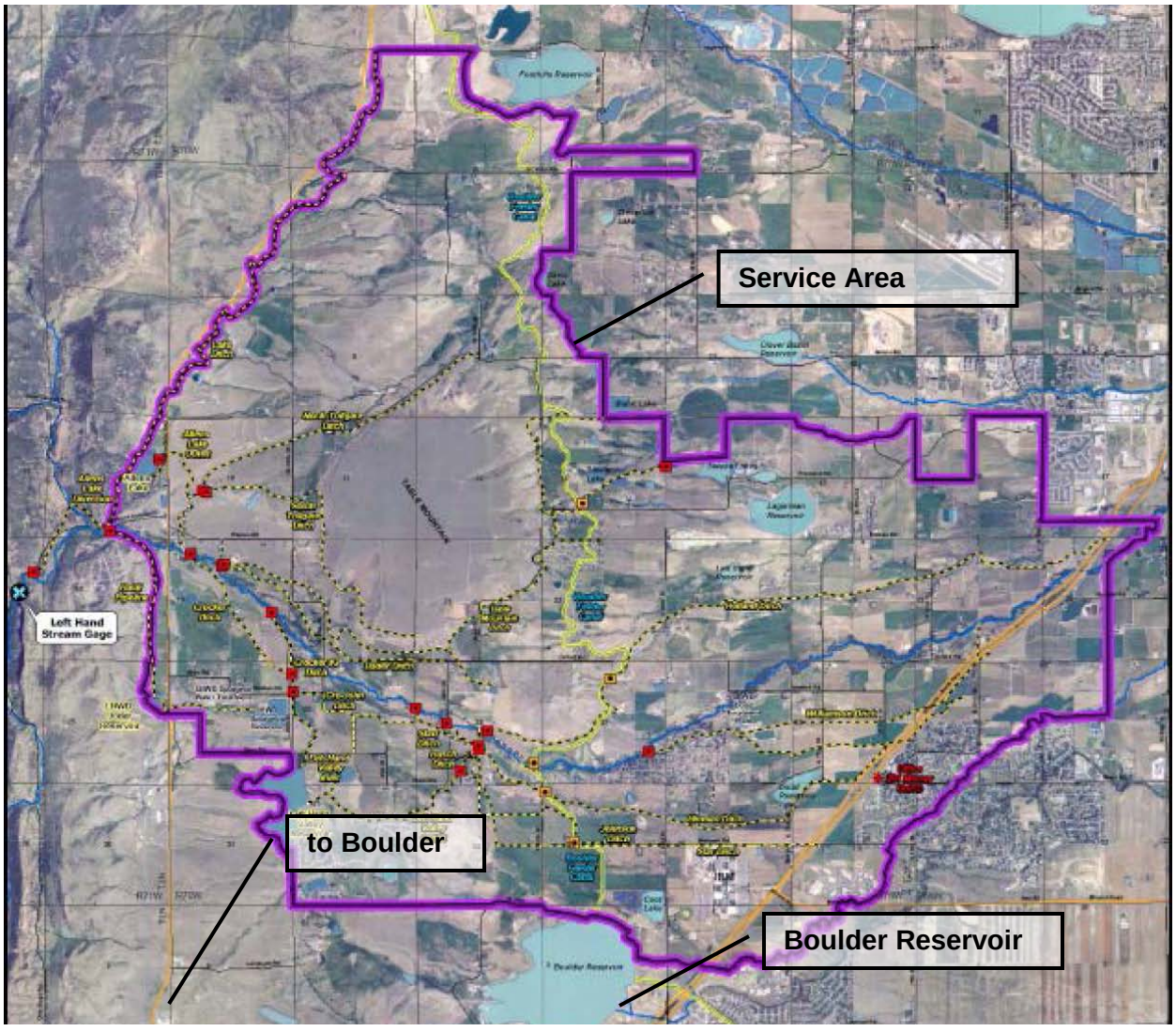
Type of Borrower: Blended

Average Annual Diversion: 22,700 AF

CWCB Loan: $3,276,056 (with 1% service fee)

Interest Rate: 2.30% **Term:** 30-years (46% Ag, 38% Mid, 16% High)

The Company plans to restore its system to pre-flood condition which includes: Replacement of Left Hand Creek Parshall Flume and Recorder Station, repair of Left hand Valley Diversion repair of several ditchs: Crocker, Table mountain, Bader, Hunman, Star, Holland, Williamson, and Gold Lake Filler Ditch, replace the diversion dam and headgate structure at Allen's Lake Filler Canal Head Gate



CWCB Water Project Loan Program
Project Data Sheet

C150368

Borrower: North Poudre Irrigation Company

County: Larimer

Project Name: Fossil Creek Reservoir Diversion Structure Repair

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 3

Water Source: Cache la Poudre

Total Project Cost: $477,000

Funding Source: Severance Tax PBF

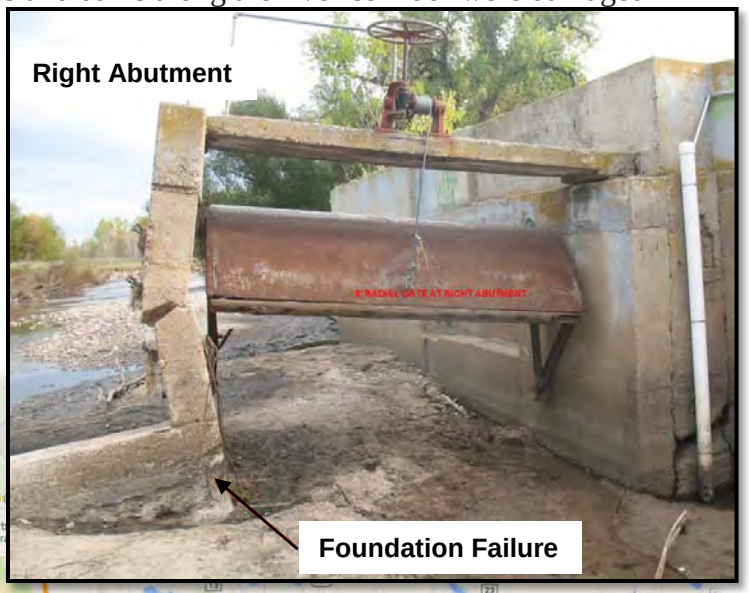
Type of Borrower: Blended

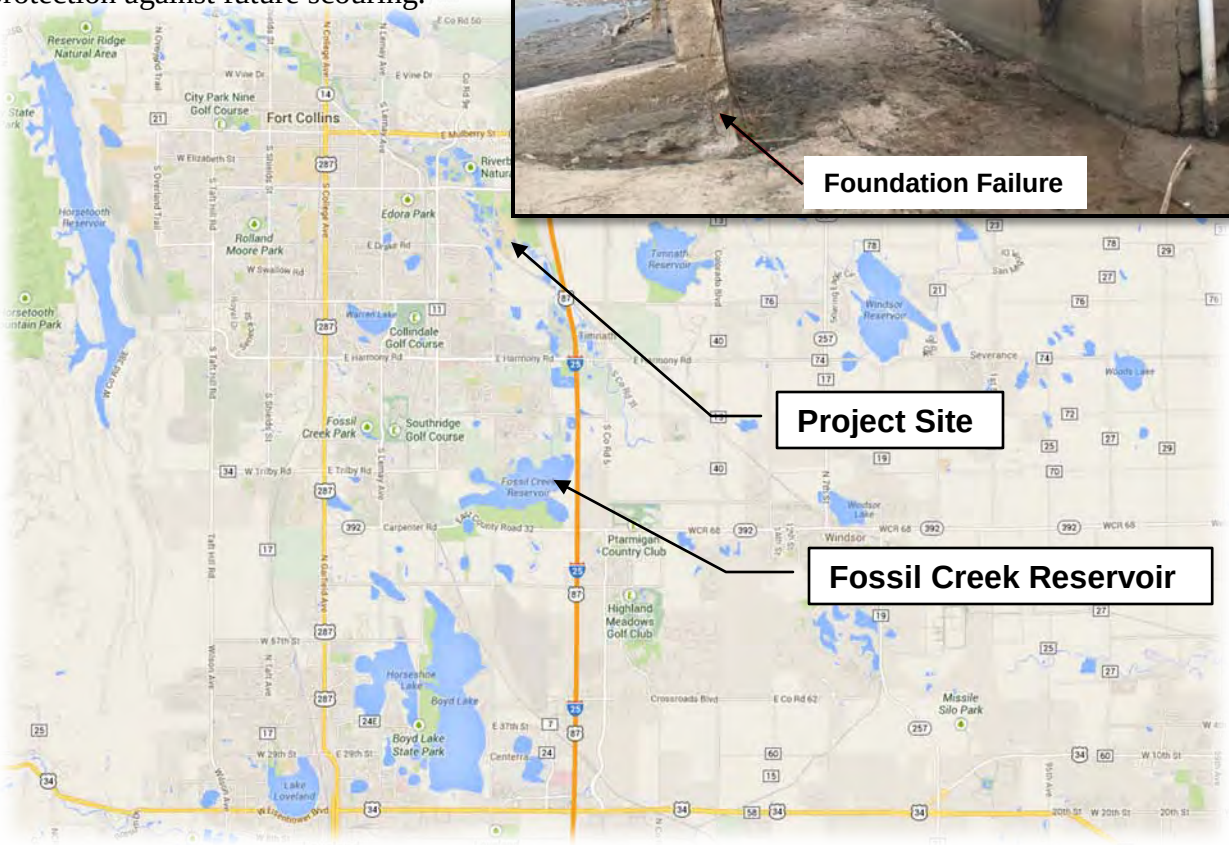
Average Annual Diversion: 31,700 AF

CWCB Loan: $481,770
(with 1% service fee)

Interest Rate: 2.35% **Term:** 30-years
(37% Ag, 1% Low, 57% Mid, 4% High, <1% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's Fossil Creek Reservoir inlet diversion off the Cache la Poudre River. The purpose of the Project is to repair the existing diversion structure by rebuilding the check dam and abutment. The Project will restore the structure to pre-flood elevations while modifying the foundation to improve protection against future scouring.





CWCB Water Project Loan Program
Project Data Sheet

C150372

Borrower: Oligarchy Irrigation Company

County: Boulder

Project Name: Oligarchy Irrigation Ditch River Diversion Structure Repair

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: St. Vrain Creek

Total Project Cost: $1,250,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 7,966 AF

CWCB Loan: $1,262,500 (with 1% service fee)

Interest Rate: 2.50% **Term:** 30-years (26% Ag, 72% Mid, 2% High)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's diversion off the St. Vrain Creek. Of the original structure, only a small portion of the diversion dam and right abutment remain. The purpose of this Project is to rebuild the diversion dam, sand gates, Rubicon flumegate, and bypass gate. The structure will be the same size and location as the original but will modify the sand gates and flumegate. The original structure had one sand gate into which the Rubicon flumegate was installed. For better operation and river administration, the rebuilt diversion will separate the sand gate and the flumegate into their own passages through the diversion dam.

CWCB Water Project Loan Program
Project Data Sheet

C150371

Borrower: Rough & Ready Irrigating Ditch Company

County: Boulder

Project Name: Rough & Ready Ditch River Diversion Structure Repair

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: St. Vrain Creek

Total Project Cost: $1,825,000

Funding Source: Severance Tax PBF

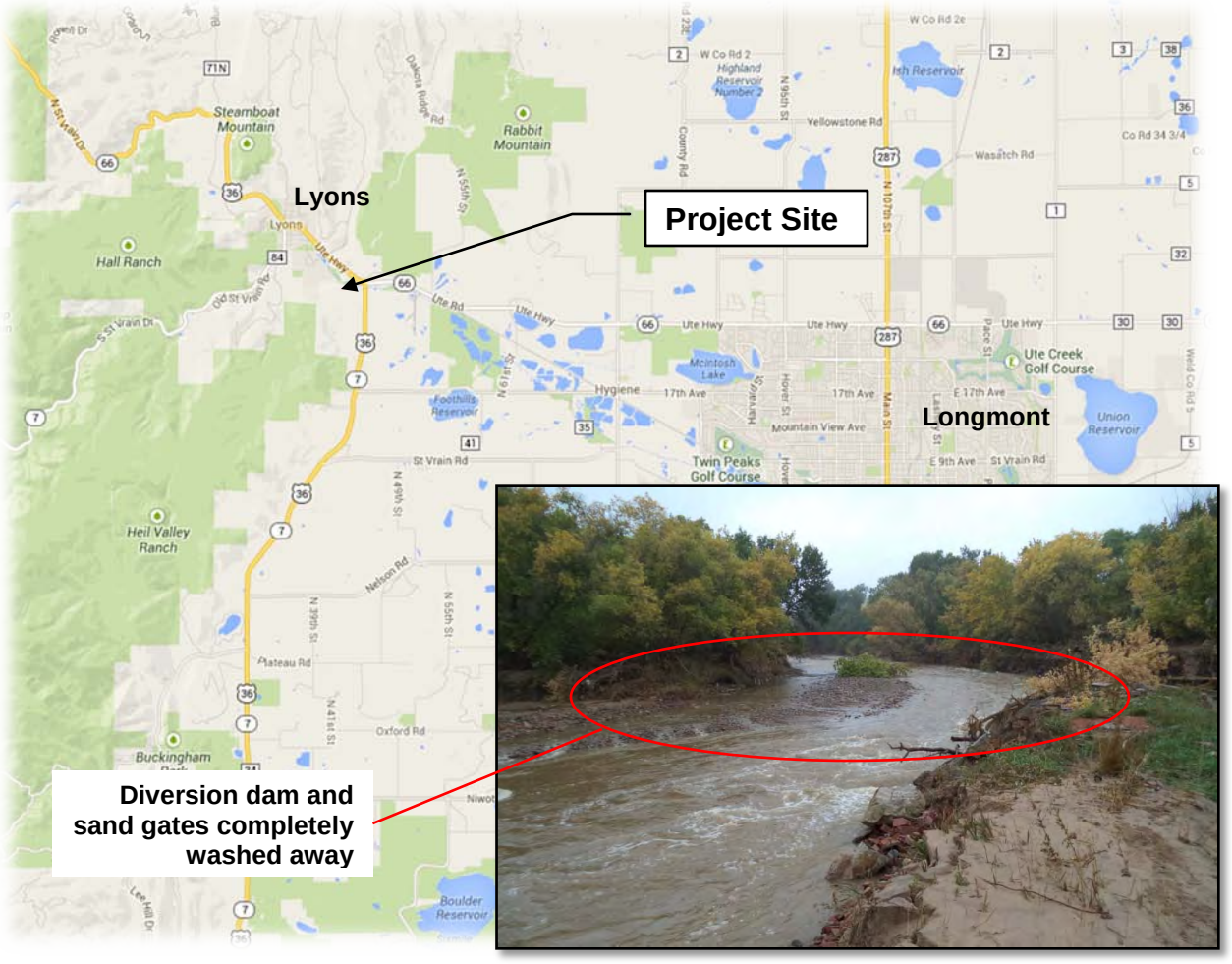
Type of Borrower: Blended

Average Annual Diversion: 7,528 AF

CWCB Loan: $1,843,250 (with 1% service fee)

Interest Rate: 2.7% **Term:** 30-years
(15% Ag, 69% Mid, 13% High, 3% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's river diversion off the St. Vrain Creek. This structure also serves as the diversion dam for the Palmerton Ditch. The diversion dam and sand gates no longer exist and the headgates sustained major damage. The purpose of this Project is to rebuild the diversion dam, sand gates, Rubicon flumegate, headgates, ditches, and measuring flumes. The structure will be the same size and location but will include a combined conveyance ditch off the diversion and will include the addition of a bypass to the river to better regulate diversions.



Projects Not Under Contract

CWCB Water Project Loan Program
Project Data Sheet

C150398

Borrower: Louden Irrigating Canal and Reservoir Company

County: Larimer

Project Name: Emergency Diversion Structure and Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: Big Thompson River

Total Project Cost: $215,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 8,000 AF

CWCB Loan: $161,600 (with 1% service fee)

Interest Rate: 2.70% **Term:** 30-years
(25% Ag, <1% Low, 61% Mid, 8% High, 6% Com)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged, including the Company's river diversion. The ditch was diverting water as the September storm started. As the flood progressed, the headgates could not be safely reached for operations. Water overtopped the headgate structure by at least 4 feet resulting in damage to the headgate and ditch system. The first 3,000 feet of the ditch were totally filled with silt and debris. The ditch breached back to the river in two places and undercutting caused slides that threatened the ditch. Phase 1 will clean and rebuild the ditch and service road, and salvage the existing headgates to ensure general operation for the 2014 irrigation season. Phase 2 will replace the existing headgates with gates that are safer, more accurate, and capable of remote operation.

CWCB Water Project Loan Program
Project Data Sheet

Borrower: St. Vrain and Left Hand Water Conservancy District
Project Name: Emergency Rock'n WP Ranch Lake No. 4 Repair Project
Drainage Basin: South Platte

Total Project Cost: $9,000,000

Type of Borrower: Blended

CWCB Loan: $4,545,000 (with 1% service fee)

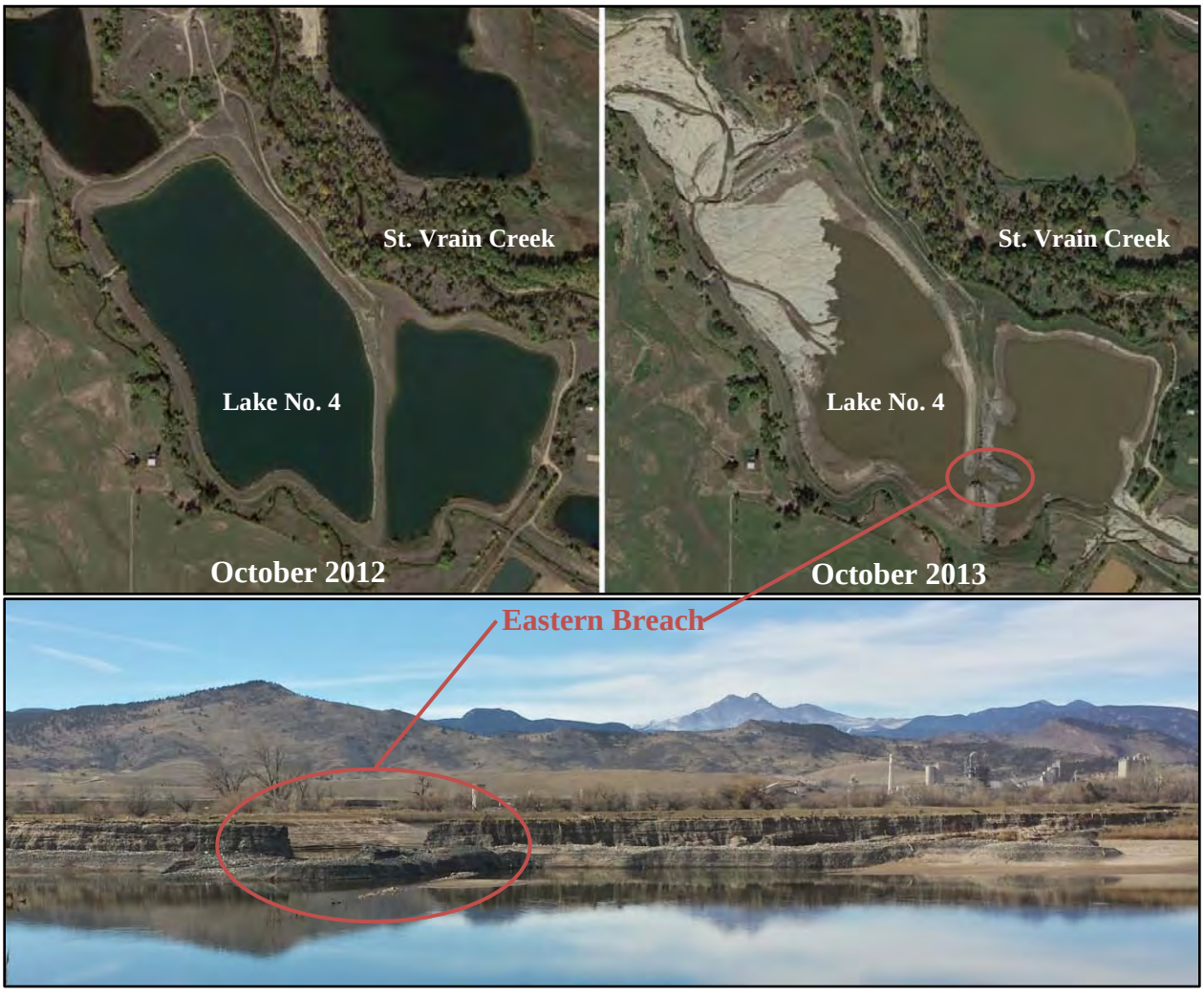
County: Boulder

Project Type: Reservoir Rehabilitation

Water Source: St. Vrain Creek

Funding Source: Severance Tax Perpetual Base Fund
Average Annual Augmentation: 200 AF
Preserved Water Supply Storage: 600 AF
Interest Rate: 3.2% **Term:** 30-years
(Ownership: 93% High Municipal, 7% Commercial)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the District's Rock'n WP Ranch Lake No. 4. During the flood, St. Vrain Creek breached in over four locations above the Lake. The unlined gravel pits above the Lake were flooded, causing their earthen embankments to fail, sending flood water into the Lake. The Lake filled and eventually overtopped, breaching its eastern embankment. The purpose of the Project is to repair the Lake to resume its use as a water augmentation reservoir by the District. Boulder County is a co-owner of the Lake. As the County and the District are public agencies, it is expected that FEMA will reimburse 75% of the Project Cost and the State's Public Assistance Program will cover 12.5% under their respective emergency programs. The remaining cost of repairs will be evenly split with Boulder County.



CWCB Water Project Loan Program
Project Data Sheet

C150384

Borrower: Davidson Ditch & Reservoir Company

County: Boulder

Project Name: Emergency Davidson Ditch Lining

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 6

Water Source: South Boulder Creek

Total Project Cost: $37,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 354 AF

CWCB Loan: $37,370 (with 1% service fee)

Interest Rate: 2.45% **Term:** 30-years
(41% Ag, 59% High-Income Municipal)

The Davidson Ditch carries decreed water to the shareholders and municipalities from its head gate on South Boulder Creek in Eldorado Canyon next to the Dowdy Draw trailhead parking lot. The ditch crosses highway 93 just south of Eldorado Springs Drive and runs alongside Marshall Road, then runs north on the west side of the Davidson Mesa. During the September 2013 flood event a section of the ditch below Eldorado Springs failed. The breeched section must be repaired before spring irrigation can begin.

CWCB Water Project Loan Program
Project Data Sheet

C150387

Borrower: City of Evans, Water Activity Enterprise

Project Name: Emergency Evans Town Ditch Repairs

Drainage Basin/ District: South Platte / 4

Total Project Cost: $715,000

Type of Borrower: Blended

CWCB Loan: $722,150 (with 1% service fee)

County: Weld

Project Type: Ditch Rehabilitation

Water Source: Big Thompson

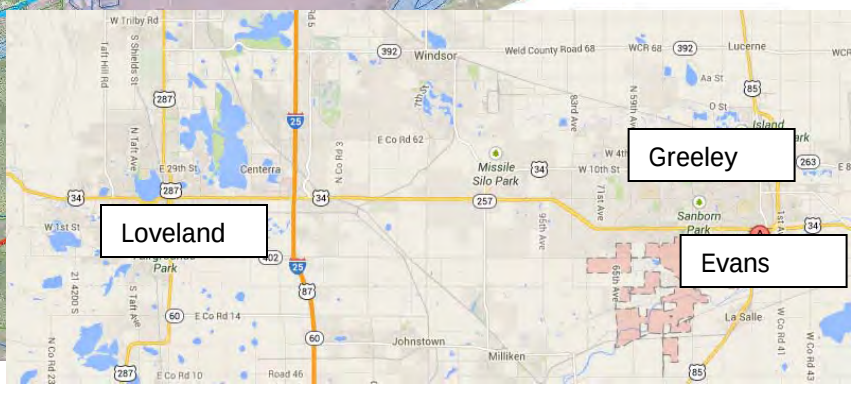
Funding Source: Severance Tax PBF

Average Annual Diversion: 8,151 AF

Interest Rate: 2.75% **Term:** 30-years
(Middle-Income Municipal)

The Evans Town Ditch was constructed in the 1880's. It is the 6th oldest ditch system in the State of Colorado. The original purpose of the ditch was to transport water for irrigation purposes to the Town of Evans and adjoining farms. Today, the ditch serves 59 users and provides non-potable water for irrigation to residences, businesses, parks, city buildings, open space and school grounds. The ditch also provides water to two small agricultural irrigation companies for nearby farms. The September 2013 flood caused wide-spread flooding to the Big Thompson River upstream of Evans resulting in very high flows and massive amounts of debris and silt which have damaged the Evans Ditch, its diversion structures and controls, and the headworks access road.

Evans Town Ditch



South Platte River

CWCB Water Project Loan Program
Project Data Sheet

C150388

Borrower: Zweck and Turner Ditch Company

County: Boulder

Project Name: Zweck and Turner Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 5

Water Source: St. Vrain Creek

Total Project Cost: $362,500

Funding Source: Severance Tax PBF

Type of Borrower: Blended

Average Annual Diversion: 2,200 AF

CWCB Loan: $252,500
(with 1% service fee)

Interest Rate: 2.25% **Term:** 30-years
(52% Ag, 34% Mid, 14% High)

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's Culver Mahoney Ditch. During the flood, the St. Vrain Creek left the river banks upstream from the ditch and flowed through a series of gravel pit ponds. As these pond embankments failed, significant erosion destroyed large portions of the Zweck and Turner Ditch. The purpose of the Project is to repair the ditch to allow the Company to deliver its decreed water rights.

CWCB Water Project Loan Program
Project Data Sheet

C150381

Borrower: Union Ditch Company

County: Weld

Project Name: Emergency Union Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 2

Water Source: South Platte River

Total Project Cost: $200,000

Funding Source: Severance Tax PBF

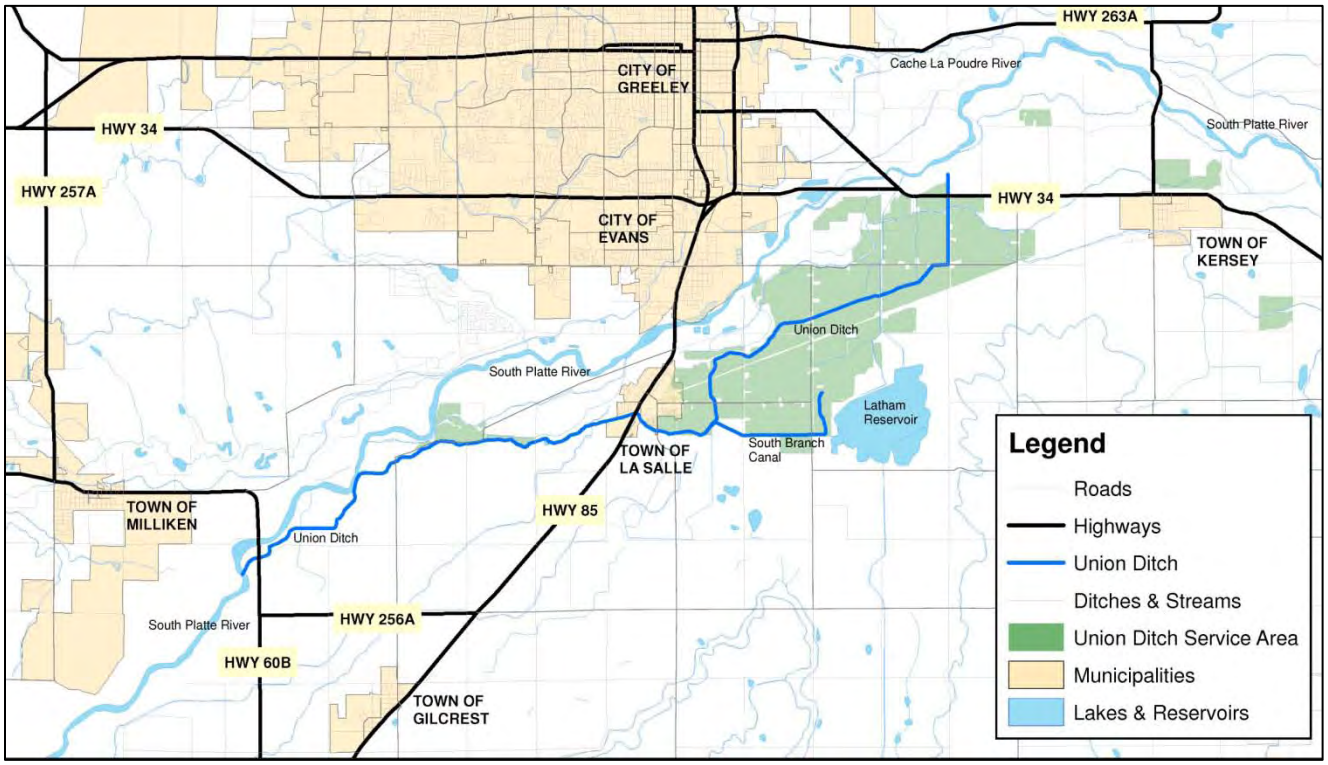
Type of Borrower: Blended

Average Annual Diversion: 25,391 AF

CWCB Loan: $202,000
(with 1% service fee)

Interest Rate: 1.80% **Term:** 30-years
(94% Ag, 6% Middle Income)

The Union Ditch diverts water from the South Platte River just downstream of the confluence with the St.Vrain River. The earthen ditch provides irrigation water to approximately 60 farms in the LaSalle area, and also serves as a bypass around the Latham Ditch dry-up point on the South Platte River. Repair to the Ditch include: steam bank armoring near the structure, headgate control building repair, cleaning and ditch bank restoration, Hwy 394 riprap work, emergency spillway area work, and ditch work around the bypass structure.



COLORADO
Colorado Water Conservation Board
Department of Natural Resources

1313 Sherman Street
Denver, CO 80203

P (303) 866-3441
F (303) 866-4474

John Hickenlooper, Governor

Mike King, DNR Executive Director

James Eklund, CWCB Director

TO: **Colorado Water Conservation Board Members**

FROM: **Kirk Russell, P.E., Chief**
Finance Section

BOARD MEETING: **November 19-20, 2014**

AGENDA ITEM: **Directors Report**
Design & Construction Status Report

The CWCB Loan Program has Substantially Completed twelve (12) projects in Calender Year 2014 as shown in Table 1. There are currently sixty (60) projects authorized to receive loan funding totaling $337.7 million. There are fifty-two (52) projects currently under contract and in the Design and Construction phase totaling $185.8 million. There are an additional twenty-four (24) Emergency Loans approved totaling $23.3 million shown under a separate report.

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	North Delta Irr. Co.	NDIC Tunnel Repair Project	Delta	$808,000	4/1/14
2	Ordway Feedyard, LLC	Raw Water Line Extension Project	Crowley	$2,116,564	4/1/14
3	Henrylyn Irr. District	Prospect Res. Dam Facing Project	Weld	$1,824,204	6/1/14(a)
4	Lower Latham Res. Co.	Well Augmentation Project	Weld	$3,811,573	6/1/14
5	Twenty Two Rd Lateral Co.	Lateral Replacement Project	Mesa	$517,848	6/1/14
6	Wadley Farms Flg. 3 HOA	Water Rights Purchase	Adams	$727,200	6/1/14
7	Missouri Heights- Mountain Meadows Irrigation Company	Irrigation Ditch Lining Project	Eagle/ Garfield	$454,500	7/1/14
8	Boulder & Left Hand Irr. Co.	Tracy Lateral Pipeline	Boulder	$202,000	7/1/14
9	Fisher Ditch Company	Ditch Infrastructure Project	Denver	$454,500	7/1/14
10	Tri-County Water Cons. Dist.	Ridgway Res. Micro-Hydro Proj	Ouray	$13,130,000	10/1/14
11	Lamar, City of	Water Transmission Line Project	Prowers	$792,850	10/1/14
12	Petrocco Family, LLP	Water Rights Purchase	Adams/	$840,825	10/1/14
			Total:	$25,680,064	

Calender Year 2014 has added or preserved 7,480AF of reservoir storage [(a) 7480AF]

NORTH DELTA IRRIGATION COMPANY
NDIC TUNNEL REPAIR PROJECT

Before and after photos of the tunnel's east portal

Project Description

The North Delta Irrigation Company manages a twenty-three mile canal that delivers an average of 17,000 AF of water to its shareholders annually for irrigation of approximately 2,300 acres of land. The canal is an earthen ditch that included three sections of tunnel, the longest of which was a 1,450-foot tunnel through a shale mountainside. A 300-LF portion of the tunnel collapsed, blocking water deliveries to 94% of the headgates along the ditch. The Project consisted of replacing the tunnel with a pipe by reaming the tunnel to clear it of debris, fusing 1,500 LF of 54" HDPE pipe together, and pulling the pipe through the tunnel. In addition, the Company replaced nearly 1,600 LF of open channel ditch with HDPE pipe to maximize the capacity through the tunnel. The project restored the ability to convey water throughout the canal.

Project Data

Sponsor: North Delta Irrigation Company
County: Delta
Water Source: Gunnison River
Substantial Completion: April 1, 2014
Terms of Loan (Contract #C150331): $808,000 for 30 years @ 3.10%
Design Engineer: West Water Engineering, Grand Junction, CO
Contractor: Petty Construction Company, Inc., Grand Junction, CO (Tunnel)
Beavers Construction Company, Hotchkiss, CO (Ditch Piping)
Project Elements: 1,500 LF of tunnel reaming, Install 1,500 LF of 54" HDPE, Install 1,600 LF of 60" HDPE, Construct 2 concrete collars joining the 60" and 54" pipe, (2) air release manholes, and portal backfill and grouting.

Ordway Feedyard, LLC
Ordway Feedyard Raw Water Line Extension Project

Project Description

The Company utilizes the feedyard to feed and tend cattle until they are market ready. It has 20 existing wells that are decreed for irrigation and stock watering. Prior to this project, there was no means to convey water between the Company's ranch and its feedyard. This Project secured a more reliable and affordable water supply by completing an infrastructure network capable of delivering high-quality well water from the ranch to the feedyard to augment its dependence on potable (approximately 14 AF per year) and leased water. The water supply enhancements of the Project were the reduced operational costs and transit and evaporation losses at an estimated rate of 850 AF annually. The economic benefit to Crowley County made it an active participant in the project, contributing cash and WSRA grant funds to assist in funding the Project. Construction occurred in the summer of 2013.

Project Data

Sponsor: Ordway Feedyard, LLC **County:** Crowley **Water Source:** Arkansas River

Terms of Loan: $2,116,564.05 for 30 years @ 1.75% **Substantial Completion:** April 1, 2014

Design Engineer: Kidd Engineering, Avondale, CO

Contractor: DK Environmental, Garden City, KS

Project Elements: 55,400 linear feet of 16-inch casing pipe, lined with 12-inch HDP, 10 fire hydrants, 1 booster station, and a Supervisory Control and Data (SCADA) System.

Henrylyn Irrigation District
Prospect Reservoir Dam Facing Project

Project Description

The Henrylyn Irrigation District was formed in 1907 under the Irrigation District Law of 1905. The District consists of 32,745 acres of irrigated farm land in Weld County. Their service area starts about 2 miles west of Hudson and extends generally east and south along I-76, to about 9 miles east of Keenesburg. Prospect Reservoir is an off-stream reservoir constructed in 1914 and has a Significant Hazard Large (Class 2) Dam with a height of 45 feet, a crest width of 18 feet, and a length of 5,300 lineal feet. The Prospect Reservoir Dam Facing Project will increase the erosion protection and dam stability by replacing a deteriorating concrete face at a 2:1 slope with a riprap face at a 3:1 slope. Construction occurred during the non-irrigation season of 2013/14. Dam Safety issued an Acceptance of Construction on April 17, 2014.

Project Data

Sponsor: Henrylyn Irrigation District **County:** Weld **Water Source:** South Platte River

Terms of Loan: $1,824,204.41 for 30 years @ 1.75%
(Original Approval = $2,967,279.00)

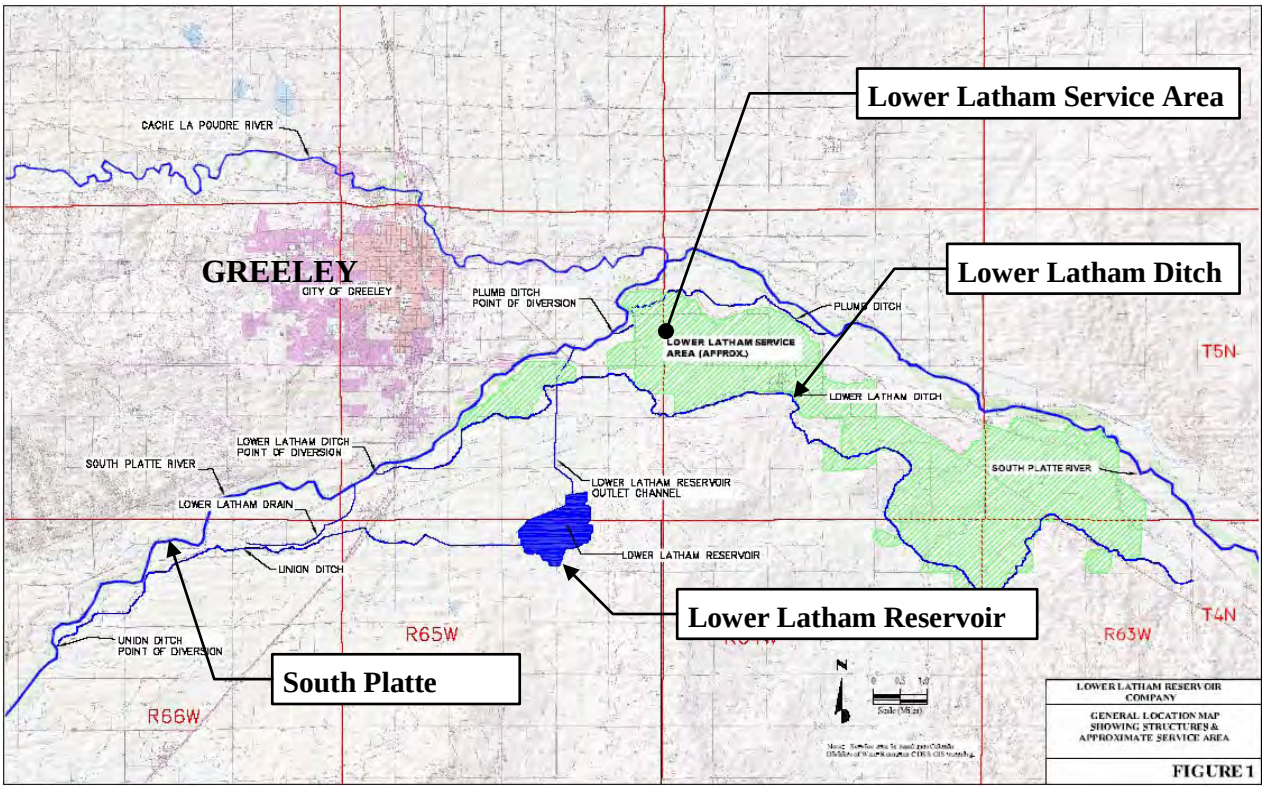
Substantial Completion: June 1, 2014

Design Engineer: Duane Smith, P.E. and L. Clint Brown, P.E.

Contractor: Zak Dirt, Inc.

Project Elements: Reface 2:1 concrete slope with 3:1 riprap slope, outlet conduit modifications

Lower Latham Reservoir Company
WELL AUGMENTATION PROJECT (Phase III)



Location Map

Project Description

The Lower Latham Reservoir Company acquired mutual ditch shares for the purpose of providing augmentation water for existing shareholder wells. The Project included constructing groundwater recharge facilities and other system improvements to utilize these shares and shares acquired in Phases I & II. The Company provides augmentation water for 84 wells in Weld County by replacing out-of-priority pumping depletions. The Project included the purchase of five shares of the Lower Latham Ditch a portion of the Klein Farm and the Schmidt Farm for the recharge sites. The Company completed the recharge ponds on the sites in 2010.

Project Data

Sponsor: Lower Latham Reservoir Co **County:** Weld **Water Source:** South Platte River

Original Loan Terms: $3,811,573.00, 30 years @ 2.75% **Substantial Completion:** June 1, 2014
Amended Loan Terms: $2,417,359.17, 30 years @ 2.75%

Engineer: NoCo Engineering, Greeley, CO

Project Elements: Purchase of five shares of the Lower Latham Ditch, a portion of the Klein Farm, a portion of the Schmidt Farm, and construction of recharge ponds on the sites.

Twenty Two Road Lateral, Inc.
TWENTY TWO LATERAL REPLACMENT PROJECT

Project Description

The Lateral Company received a loan to replace the weathered open channel ditch known as Twenty Two Road Lateral with a buried irrigation pipeline increasing efficiency, reducing salt loading and maintenance costs, and alleviating safety concerns. The existing concrete lined lateral has been in place since 1973. Maintenance became a growing concern due to cracks and gaps in the concrete lining. Residential and industrial growth in the vicinity of the ditch increased safety concerns for pedestrian and vehicular traffic due to the Lateral being only a few feet from the edge of the roadway. The Company received $389,942 in funding assistance from NRCS which was applied to the loan after the Project was complete. The NRCS administers the Colorado River Basin Salinity Control Program by providing construction cost sharing and technical assistance using the USDA's Environmental Quality Incentives Program (EQIP). The NRCS managed the planning, design, and field engineering services for this project.

Project Data

Sponsor: Twenty Two Road Lateral, Inc. **County:** Mesa **Water Source:** Grand Valley Irrigation Co

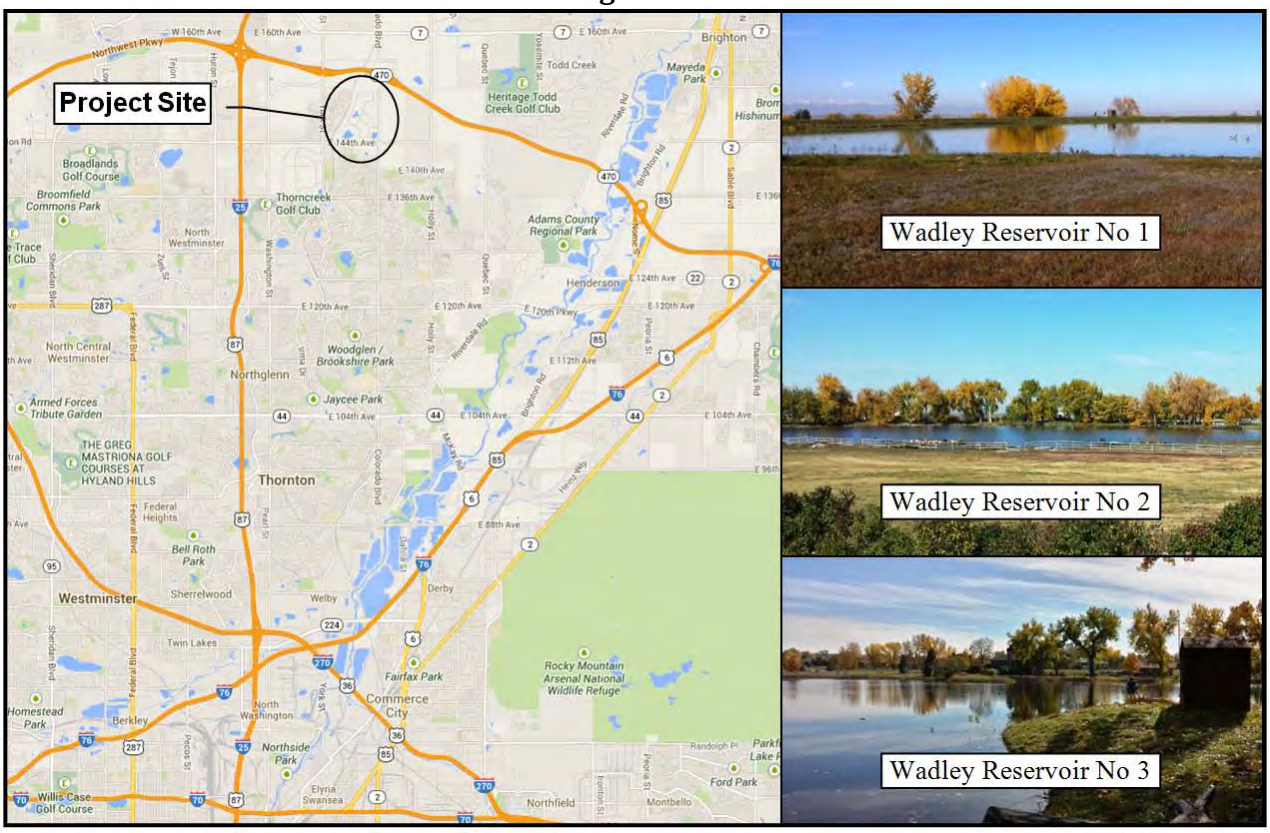
Terms of Loan: $517,848 for 30 years @ 2.35% **Substantial Completion:** April 1, 2013
Amended Terms: $117,609.02 for 30 years @ 2.35%

Design Engineer: Natural Resources Conservation Service, Grand Junction, CO

Contractor: Professional Pipeline & Concrete Inc.

Project Elements: Removal of 13,000 LF of concrete lined ditch and the installed 16,200 LF of PVC irrigation pipe (18 inch diameter) including flow meters and valves.

Wadley Farms Filing No. 3 Homeowner's Association
Water Rights Purchase



Project Description

The Wadley Farms Filing No. 3 Homeowner's Association was incorporated in 1982 and is responsible for providing Wadley Farms Filing No. 3 subdivision with a raw water irrigation and fire protection system. The subsivision is located in unicorporated Adams County near 144th Ave and Colorado Blvd in the north Denver Metropolitan area and has 109 large acre residential lots. The purpose of the Project is to increase the reliability of the Association's irrigation and fire protection raw water system by purchasing two shares of the Farmer's High Line Canal and Reservoir Company to add to the Association's portfolio of three shares of the same company. Water is stored in three storage reservoirs and is delivered through a pressurized underground pipe system to individual lots.

Project Data

Sponsor: Wadley Farms Filing No. 3 Homeowner's Association

County: Adams

Water Source: Clear Creek

Terms of Loan: $727,200 for 30 years @ 2.75%

Substantial Completion: June 1, 2014

Design Engineer: Bishop-Brogden Associates, Inc.

Contractor: NA

Project Elements: Purchase of two (2) shares of Farmers High Line Canal and Reservoir Company

Missouri Heights – Mountain Meadow Irrigation Company
Irrigation Ditch Lining Project

Project Description

The Company provides irrigation water to approximately 1,500 acres of ranch land located 12 miles northeast of Carbondale. The Company worked with NRCS to determine a solution to the ditch losses. A one-mile section was lined with a product called Mega Ditch (shown in the pitcture above). The NRCS provided technical design assistance and field inspection. The Company received funding assistance from NRCS and the Water Supply Reserve Account. Construction was completed in the spring of 2014.

Project Data

Sponsor: Missouri Heights – Mountain Meadow Irrigation Company

County: Eagle/Garfield

Water Source: Roaring Fork

Terms of Loan: $454,500 for 30 years @ 2.2%

Substantial Completion: July 1, 2014

Design Engineer: NRCS, Glenwood Spring, CO

Contractor: Kuersten Constuction Co, Rifle CO

Project Elements: 3,500 feet of Mega Ditch lining product and concrete terminus structures

Boulder and Left Hand Irrigation Company
Tracy Lateral Pipeline at the Wederquist "Y" Project

Project Description

The Boulder and Left Hand Irrigation Company is a Mutual Ditch Company and Non-Profit Corporation. The Irrigation Company acquired Boulder and Left Hand Ditch Company in 1921, which had operated the ditch system since 1873. The Irrigation Company serves approximately 2,000 acres of farm land between Boulder, CO and Longmont, CO. The Tracy Lateral Pipeline at the Wederquist "Y" project will improve the hydraulic efficiency of the Tracy Lateral while reducing the operational and maintenance cost of the Irrigation Company by replacing a 1500 ft problem section of the Tracy Lateral with a pipeline. Construction occurred in the spring of 2014.

Project Data

Sponsor: Boulder and Left Hand Irrigation Company

County: Boulder

Water Source: Boulder Creek

Terms of Loan: $202,000 for 30 years @ 2.35%

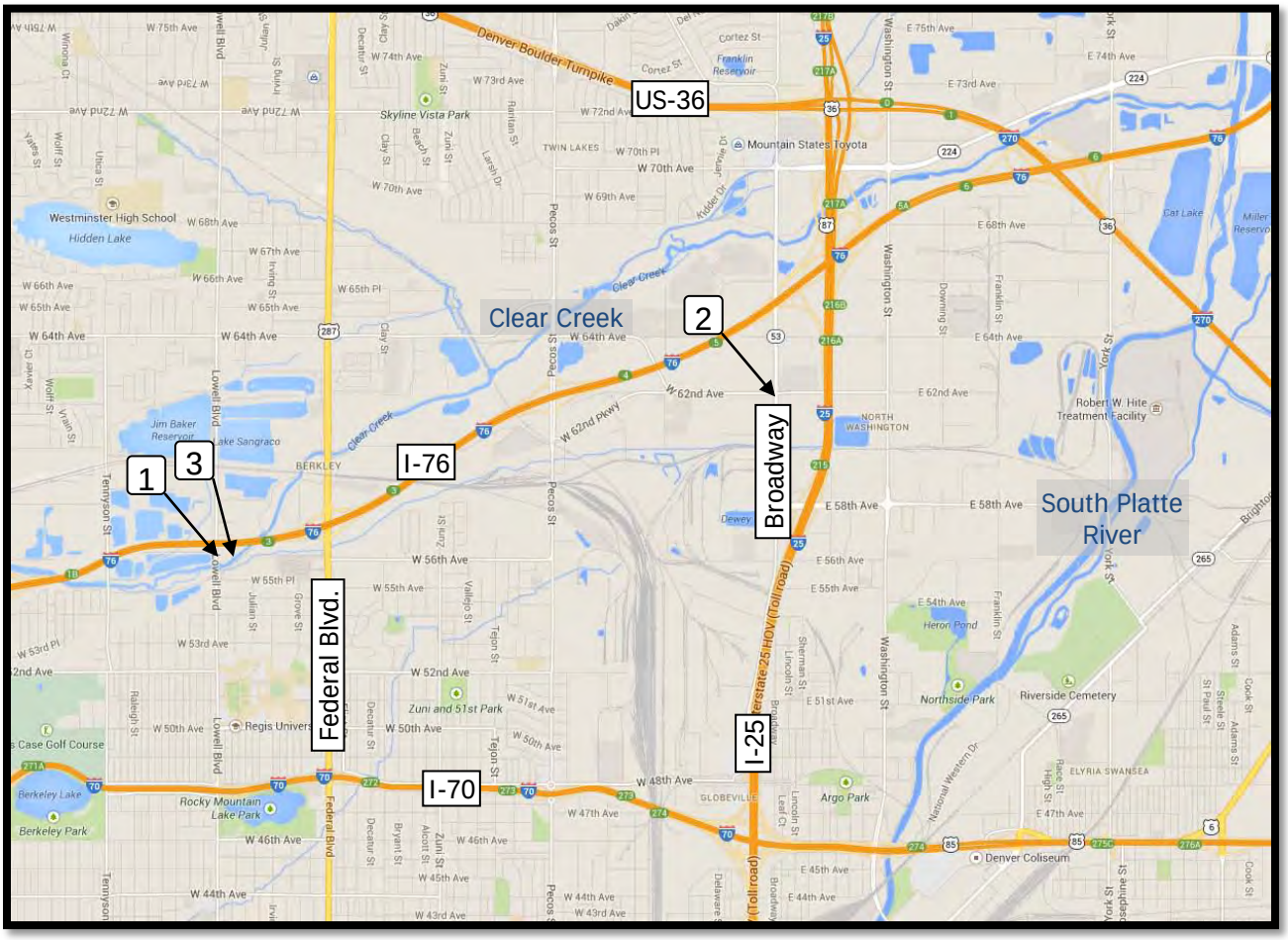
Substantial Completion: July 1, 2014

Design Engineer: Mark Severin, P.E., Deere & Ault Consultants

Contractor: DeFalco Construction

Project Elements: Install a new Wederquist "Y" structure, replace 1,500 feet of open ditch with 600 feet of reinforced concrete pipe, tying into existing piping.

Fisher Ditch Company
Ditch Infrastructure Improvements



Project Description

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 requested a loan from the CWCB for four system rehabilitation tasks: 1) headgate rehabilitation, 2) replacement of 650 LF of damaged CMP with RCP (Broadway Pipeline), 3) installation of a sand-out pipe and gate, and 4) burying 1,500 LF of open ditch with plastic irrigation pipe (Federal Pipeline). The Company successfully completed Tasks 1-3 but ultimately decided to not pursue the Federal Pipeline Project as that project was the Company's lowest priority.

Project Data

Sponsor: Fisher Ditch Company **County:** Denver **Water Source:** Clear Creek

Terms of Loan: $110,780.84 for 30 years @ 5.95% **Substantial Completion:** July 1, 2014

Design Engineer: Richard Belt, P.E.

Contractor: Lillard & Clark (Task 1 & 3); Garney Companies, Inc (Task 2)

Project Elements: Repair Fisher Ditch headgate, install sand-out gate and pipeline, replace 650 LF of damaged CMP with RCP.

Tri-County Water Conservancy District
Ridgway Reservoir Micro-Hydro Project

Project Description

The District constructed a 8MW hydroelectric power generating facility at Ridgway Reservoir. The project was permitted through the "Lease of Power Privilege" process with the Bureau of Reclamation, allowing the incorporation of a hydropower facility into the existing outlet works of Ridgway Dam. The dam, constructed by the Bureau as part of the Dallas Creek Project, began storing waters of the Uncompahgre Basin in 1987. The District expects to produce 24,000 MWh annually, which will be sold to Tri-State Generation and Transmission and the City of Aspen through a Power Purchase Agreement. The District began producing power in February 2014 and substantially completed in May 2014.

Project Data

Sponsor: Tri-County Water Conservancy District

County: Ouray/Montrose/Delta

Water Source: Uncompahgre River

Terms of Loan: $13,130,000 for 30 years @ 2.0%

Substantial Completion: October 1, 2014

Design Engineer: Sorenson Engineering and China Huadian Engineering

Contractor: Mountain States Hydro, LLC and Riverside Inc.

Project Elements: 1,700 cy of concrete, interconnection switchyard, a large and a small turbine and generator.

City of Lamar
Raw Water Transmission Line Replacement Project

Project Description

The City of Lamar provides water service to a population of approximately 7,800 people, sourced from 29 active wells. This project replaced portions of the original cast iron transmission line, built in1933 as a part of the Works Projects Administration, in response to testing that showed high amounts of scale build-up, pin-hole leaks, and pressure drops. It is estimated that between 378 to 662 acre-feet of water will be saved annually as a result of these improvements.

In June of 2013, the City was approved for a $200,000 grant by the Arkansas Basin Roundtable from the Water Supply Reserve Account ($50,000 from the Arkansas Basin Account and $150,000 from the Statewide Account). In July of 2013, it was also awarded a $985,000 grant from the Department of Local Affairs (DOLA) Energy/Mineral Impact Assistance Fund.

Project Data

Sponsor: City of Lamar **County:** Prowers **Water Source:** Groundwater

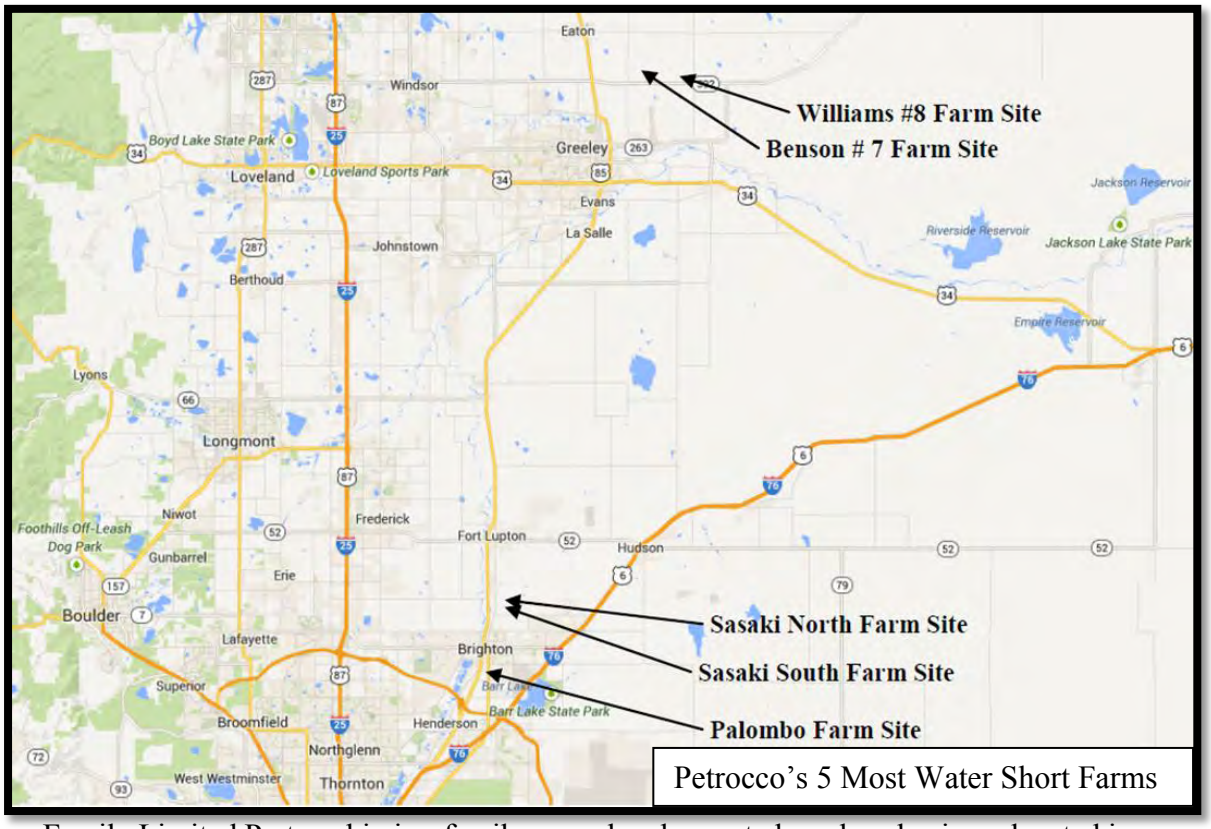
Terms of Loan: $616,994 for 30 years @ 2.25% **Substantial Completion:** 10/1/2014

Design Engineer: Gary Berngard, Honeywell Building Solutions

Contractor: Carrigan Excavating

Project Elements: 2 miles of 12-inch pipe, 4.5 miles of 16-inch pipe, and connections to existing wells

Petrocco Family Limited Partnership
Water Rights Purchase



Petrocco's 5 Most Water Short Farms

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

Project Data

Sponsor: Petrocco Family Limited Partnership

County: Adams/Weld

Water Source: South Platte River

Terms of Loan: $840.825 for 20 years @ 1.50%

Substantial Completion: 10/1/2014

Design Engineer: Mike Serlet, P.E. / Bruce Johnson, P.E., Serlet Project Consulting

Contractor: N/A

Project Elements: Purchased seventy-two (72) shares of the Fulton Irrigation Ditch Company.

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

November 4, 2014

Projects in Design or Construction

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
1	Bellyache Ridge Metro District > Well Replacement Project C150356	Eagle	$169,175	100%	2015 - 2015	0%	AM	Project was bid in June 2014. The District received no bids. Engineer and District are reevaluating the project. Project costs will likely increase. The District is considering drilling a test well to re-evaluate the site.		CO
2	Bergen Ditch & Reservoir Company > Bergen Reservoir No. 2 Rehabilitation C150344	Jefferson	$2,020,000	80%	2014 - 2015	0%	JH	Project is in final design phase, awaiting SEO approval		SP
3	Boxelder Basin Regional Stormwater Authority > Larimer and Weld Canal Crossing Structure Project C150352	Larmier/ Weld	$1,010,000	0%	2015 - 2016	0%	JH	Project pending land acquisition	Land Acq	SP
4	Boxelder Basin Regional Stormwater Authority > East Side Detention Facility Project C150353	Larmier/ Weld	$7,171,000	0%	2015 - 2016	0%	JH	Project pending land acquisition	Land Acq	SP
5	Boxelder Basin Regional Stormwater Authority > County Rd 52 Culvert Project C150393	Larmier/ Weld	$818,100	0%	2015 - 2016	0%	JH	Project pending land acquisition	Land Acq	SP
6	Central CO WCD - WAS > Augmentation Water Supply Project C150337	Weld/ Adams/ Morgan	$3,030,000	50%	Apr 13 - Apr 15	30%	JH	Purchased a portion of the water rights on 4/25/13.	Rights	SP
7	Colorado Parks & Wildlife > Beaver Park Reservoir Rehabilitation C150343	Rio Grande	$10,000,000	Ph1 100% P2 100%	Summer '13 & Spring '15	100% 70%	KR	Phase 1 Alsand Construction $2M. Spillway & Grout work is complete. Phase 2 Construciton by ASI Contractors is behind schedule. Esential work for a partial dam fill this winter is expected.		RG
8	Crystal Lakes Water and Sewer Association > Lower Lone Pine Lake Enlargement Project C150325	Larimer	$2,363,400	100%	Apr 12 - Nov 14	99%	AM	Contractor is working on final punchlist items.		SP
9	Dillon, Town of > Old Dillon Reservoir Enlargement C150295	Summit	$1,515,000	100%	Sep 10 - Jul 13	99%	KR	Construction is complete and accepted. As-built drawings indicated areas of the dam that were not at the correct elevation. Repair work has begun. Partial fill allowed. SC expected in late 2014.	SC 2014	CO
10	Eckhardt Farms Inc > Water Rights Purchase C150338	Weld	$1,336,230	N/A	Jan 14 - Jan 15	0%	AM	Borrower purchased ditch company shares with a bridge loan from a local bank. CWCB disbursement of funds is expected to occur by the end of 2014.		SP
11	Ephraim Ditch Company > Ephraim Diversion and Headgate Rehabilitation C150402	Rio Grande	$101,000	0%	Sept. 14 - March 15	0%	JH	Final design efforts are underway.		RG

Attachment 5

Kirk Russell, PE
Finance Section Chief

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
12	Farmers' High Line Canal and Reservoir Company > System Rehabilitation Project C150314	Adams/ Jefferson	$2,209,597	100%	Feb 11 - May 15	99%	JH	The Co. received a loan increase of nearly $900K in November 2012. Siphons complete. Clear Creek consturction finished April 2014. SC expected May 2015.	SC 2014	SP
13	Farmers Pawnee Canal Company > Diversion Strcuture Replacement Project C150394	Logan	$2,067,470	1	Fall 14 - Spring 15	0%	DJ	Demolition of existing structure under way.	Design	SP
14	Fowler, Town of > Augmentation Pipeline Project C150359	Otero	$277,245	100%	Nov 13 - July 14	0%	DJ	Bids rec'd greatly exceeded available funding. Seeking add'l grant funding; decision not expected until Jan 2015.	Design	AR
15	Fulton Irrigating Ditch Company > Diversion Structure Rehabilitation Project C150399	Adams	$2,027,070	0%	Fall/Winter 2014	0%	DJ	Bid opening expected 11/7. Headgates ordered and construction to commence soon.		SP
16	Georgetown, Town of > Outlet Works Modification Project C150321	Clear Creek	$2,976,975	100%	Aug 14 - Dec 14	10%	AM	Construction began in August 2014.	Design	SP
17	Grand Mesa Water Conservancy District > Peak Res. & Blanche Park Res. Rehabilitation C150354	Delta	$227,250	100%	Mar 13 - Nov 14	85%	AM	Construction began in the 2013 season and will be completed in the 2014 construction season.		GU
18	Greeley Irrigation Company > Greeley Canal No. 3 Rehabilitation C150239	Wled	$2,233,867	90%	Feb 08 - Dec 14	90%	KR	Nearly complete. The Company is working on their SCADA system and the realignment and reshaping of various sections of existing channel.		SP
19	Greeley & Loveland Irrigation Company > Irrigation System Improvements C150362	Larimer	$3,154,230	50%	Summer 14 - Spring 15	25%	JH	Phase 1 Horseshoe complete. Phase 2 Horseshoe and Boyd Lake projects expected to begin after 2014 irrigation season.		SP
20	Gypsum, Town of > LEDE Ditch and Reservoir Rrehabilitation C150296	Eagle	$2,689,731	100%	Jul 13 - Sep 16	30%	DJ	The Town received a WSRA grant for an enlargement of the Reservoir. Construction began in winter 2013 and continues into 2014. The new outlet pipe has been backfilled and dam earthwork construction is underway. Contractor hoping to continue pending good weather until Thanksgiving		CO
21	Huerfano County Water Conservancy District > Regional Augmentation Project C150364	Huerfano	$2,222,000	100%	Mar 14 - Oct 15	60%	AM	Land and water rights purchase to occurred in January 2014. Camp Ranch augmentation site construction is underway.		AR
22	Joseph W. Bowles Reservoir Company > Bowles No. 1 Dam Rehabilitation C150290	Jefferson	$1,703,870	100%	Aug 10 - Dec 14	90%	JH	Dam construction project was completed in 2011. Ditch construction completed fall 2013. Minor final construction items to be completed fall 2014.		SP
23	Lake Canal Reservoir Company > North Gray Reservoir Rehab Project C150299	Larimer/ Weld	$393,900	20%	2015 - 2016	0%	JH	Project has been delayed until neighboring Boxelder East Side Detention Facility is finalized.		SP

Attachment 5

Kirk Russell, PE
Finance Section Chief

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
24	Lake Durango Water Authority > Source Water Supply Project C150317	LaPlatta	$2,525,000	5%	June 15 - Dec 15	0%	KR	Final design efforts are underway. ROW and easements are being negociated.	Design	SW
25	Left Hand Ditch Company > Allen Lake and Lake Isabelle Repair Project C150336	Boulder	$1,475,307	100%	Nov 12 - June 15	90%	AM	Allen Lake construction was completed in August 2013. Lake Isabelle outletworks construction will be completed in 2014/2015.		SP
26	Lone Cabin Ditch & Reservoir Company > Lone Cabin Dam Rehab. Project C150361	Delta	$252,803	100%	Summer 14 - Fall 14	0%	DJ	Construction complete. SEO approved. Awaiting determination of substantial completion details with borrower.		GU
27	Mancos Water Conservancy District > Inlet and Outlet Canal Rehabilitation C150120	Montezuma	$5,486,531	100%	Jan 04 - Oct 13	99%	KR	Rehabilitation of ditch system involving retaining walls and access road along the ditch was complted in 2009. Additional 1000ft of ditch lining was completed in October 2013. SC scheduled for expected on Dec 1, 2014	SC 2014	SW
28	McDonald Ditch Company > Ditch Diversion and Headgate Replacement C150334	Rio Grande	$101,000	20%	Fall 14 - Spring 15	0%	JH	Project Bid October 2014. Construction to begin Fall 2014		RG
29	Monte Vista, City of > Augmentation Water Rights Acquisition C150309	Rio Grande	$1,693,770	n/a	Oct 10 - Jul 17	50%	AM	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.		RG
30	North Poudre Irrigation Co > Reservoir No. 4 Rehabilitation C150378	Larimer	$1,636,200	100%	Fall 14 - Spring 15	0%	JH	Design completed. Phase 1 to occur fall 2014		SP
31	Overland Ditch and Reservoir Company > Overland Reservoir Rehabilitation C150206	Delta	$1,130,000	50%	Permitting	0%	KR	Project on-hold until fens can be addressed in enlarged reservoir area.	Permitting	GU
32	Owl Creek Reservoir Company > Owl Creek Reservoir Rehabilitation C150089	Weld	$1,125,000	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.		SP
33	Penrose Water District > Water Rights Purchase and Pipeline Installation C150237	Fremont	$8,844,570	80%	Summer 14 - Fall 15	50%	DJ	Construction under way on pipeline.		AR
34	Pisgah Reservoir and Ditch Company > Mount Pisgah Dam/Wrights Reservoir Rehab C150341	Teller	$162,958	75%	Fall 14 - Dec 16	0%	JH	After SEO design revew, scope of Project increased. Seeking additional loan funds at the November 2014 Board meeting.	S EO	AR
35	Ridgway, Town of > Lake Otonowanda Rehabilitation Project C150340	Ouray	$606,000	100%	June 14 - Nov 14	80%	KR	Land acquisition purchase completed. Construction is underway. Earthwork and outlet construction is nearly complete.		GU

Attachment 5

Kirk Russell, PE
Finance Section Chief

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
36	Riverside Ditch and Allen Extension Company > Ditch System Rehabilitation C150301	Chaffee	$186,345	85%	Jul 10 - Dec 15	80%	KR	Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in 2014. Utilizing NRCS La Junta Fld office for design and assistance with field modifications of original work.	Redo	SP
37	Riverside Reservoir and Land Company > Riverside Reservoir Spillway Enlargement C150291	Weld	$2,838,100	80%	Sep 10 - Sep 16	0%	DJ	The engineer is re-evaluating design options with support from the SEO. Construction not expected until summer of 2015.	SEO	SP
38	Roxborough Water & Sanitation Dist. > Raw Water Supply Project C1503346	Douglas	$18,538,550	100%	Oct 14 - Dec 14	0%	AM	Project Bill (SB-181) approved. Purchase is expected to occur by the end of 2014.	Holding	SP
39	Sanchez Ditch and Reservoir Company > Sanchez Reservoir Outlet Rehabilitation Project C150342	Costilla	$1,381,276	100%	Summer 14 - Winter 15	5%	AM	Construction began in Oct 2014.	Design	RG
40	Sanford Canal Company > Sanford Diversion and Headgate Rehabilitation C150401	Rio Grande	$101,000	N/A	Sept. 14 - March 15	0%	JH	Final design efforts are underway.		RG
41	Santa Maria Reservoir Company > Siphon and Canal System Rehabilitation Project C150350	Hinsdale/ Mineral	$1,405,163	100%	2014 - 2015	99%	AM	Construction was completed in Oct 2014. As-built drawings are in progress	Bid	RG
42	Santa Maria Reservoir Company > Continental Dam Spillway Rehabilitation Project C150365	Hinsdale/ Mineral	$3,071,633	100%	2014 - 2015	50%	AM	Bid was awarded in April 2014. Construction began in May 2014 and is scheduled for two construction seasons.	Bid	RG
43	Sterling Irrigation Company > Emergency Sterling Ditch Rehabilitation Project CT2015-097	Logan	$101,000	100%	May-14	99%	JH	Overall Project completed. Substantial Completion scheduled May 2015		SP
44	Terrace Irrigation Co > Spillway Replacment Project C150332	Conejos	$2,751,968	100%	Jul 12 - Jul 13	99%	KR	Construction by ASI Contractors is complete. SEO has provided final approval. ASI has claim for $50K for disputed additional work (was $700K). Decision pending. Terrace is experiencing unprofessional actions by ASI refusing to deposit a check for full and final payment.	SC 2014	RG
45	Thunderbird W&S Dist > Lambert Ranch Water Rights Purchase C150320	Douglas	$318,150	100%	N/A	0%	JH	Closing has been delayed until 2014 due to easement access to purchased wells.	Easement	SP
46	Upper Arkansas Water Conservancy District > Reservoir Rehabilitation C150192	Chaffe/ Custer	$3,520,000	100%	Permitting	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 issues.	Permitting	AR
47	Upper Platte & Beaver Canal Company > Hospital Rd Recharge Facility & Bridge Project C150???	Morgan	$190,890	0%	Fall 14 - Spring 15	0%	DJ	Augmentation land purchase completed. Bridge component not yet started.		AR

Kirk Russell, PE
Finance Section Chief

Attachment 5

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
48	Windsor, Town of > Kyger Reservoir Project C150366	Larimer/ Weld	$4,545,000	20%	Fall 14 - Summer 15	0%	JH	Town to purchased reservoir and water rights in summer 2014. Currently engineering the conveyance structures. Construction to occur in 2015.		SP
49	WISE Project - ECCV Pipeline Purchase > Cottonwood W&S Dist - C150408A > Inverness W&S Dist - C150409A > Parker W&S Dist - C150410A > Pinery W&S Dist - C150411A	Douglas/ Arapahoe	$8,500,000	0%	Fall 14 - Spring 15	0%	DJ	Purchase Agreement has been executed		SP
50	WISE Project - Phase 1 Infructure Project > Cottonwood W&S Dist - C150408B > Inverness W&S Dist - C150409B > Parker W&S Dist - C150410B > Pinery W&S Dist - C150411B	Douglas/ Arapahoe	$24,200,000	0%	Spring 15 - Fall 19	0%	DJ			SP
51	WISE Project - Phase 2 Infructure Project > Cottonwood W&S Dist - C150408C > Inverness W&S Dist - C150409C > Parker W&S Dist - C150410C > Pinery W&S Dist - C150411C	Douglas/ Arapahoe	$2,370,000	0%	Spring 15 - Fall 23	0%	DJ			SP
52	WISE Project - DIA Connection Purchase > Cottonwood W&S Dist - C150408D > Inverness W&S Dist - C150409D > Parker W&S Dist - C150410D > Pinery W&S Dist - C150411D	Douglas/ Arapahoe	$35,070,000	0%	Fall 14 - Spring 23	0%	DJ			SP

Projects Under Contract SubTotal = $185,845,324

Approved Projects - Not Under Contract

a	Chatfield Realocation Project - Storage Purchase > Castle Pines MD - C150403A > Castle Pines North MD - C150404A > Centennial W&S Dist - C150405A > Center of CO WCD - C150406A > Central CO WCD - C150407A	Arapahoe Douglas Park Weld	$9,549,247		In Contracting		JH			SP
b	Chatfield Realocation Project - Phase 1 Mitigation > Castle Pines MD - C150403B > Castle Pines North MD - C150404B > Centennial W&S Dist - C150405B > Center of CO WCD - C150406B > Central CO WCD - C150407B	Arapahoe Douglas Park Weld	$54,687,763		In Contracting		JH			SP
c	Chatfield Realocation Project - Phase 2 Mitigation > Castle Pines MD - C150403B > Castle Pines North MD - C150404B > Centennial W&S Dist - C150405B > Central CO WCD - C150407B	Arapahoe Douglas Weld	$19,646,520		In Contracting		JH			SP

Attachment 5

Kirk Russell, PE
Finance Section Chief

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
d	East Mesa Water Company > Ditch Piping Project C150360	Pitkin/ Garfield	$555,500	In Contracting			KR			CO
e	Northern Colorado WCD- Hydropower Enterprise > Granby Hydropower Project C150396	Grand	$5,858,000	In Contracting			JH			SP
f	Prairie Ditch Company > Plaza Phase 3: Prarie Ditch Implementation Project C150400	Rio Grande	$131,300	In Contracting			JH			RG
g	San Luis Valley Water Conservancy District > Anaconda Ditch Water Right Acquisition C150348	Alamosa	$839,000	In Contracting			AM			RG
h	Southeastern CO Water Conserv. District > Arkansas Valley Conduit C150238	Crowley	$60,600,000	In Contracting			KR	Pending Federal Appropriation		AR

Not Under Contract SubTotal = $151,867,330

Grand Total = $337,712,654

Projects Substantially Completed in Calender Year 2014

1	North Delta Irrigation Company > NDIC Tunnel Repair Project C150331	Delta	$808,000	100%	Jan 12 - Dec 12	100%	KR	4/1/2014		GU
2	Ordway Feedyard, LLC > Raw Water Line Extension Project C150349	Crowley	$2,116,564	100%	May 13 - Nov 13	100%	AM	4/1/2014		AR
3	Henrylyn Irrigation District > Prospect Res Dam Facing Project C150358	Weld	$1,824,204	100%	Oct 13 - Jun 14	100%	JH	6/1/2014		SP
4	Lower Latham Reservoir Company > Well Augmentation Project C150304	Weld	$3,811,573	100%	Nov 09 - Jul 11	100%	KR	6/1/2014		SP
5	Twenty Two Road Lateral Company > Twenty Two Road Lateral Replacement Project C150345	Mesa	$517,848	100%	Jan 13 - May 13	100%	KR	6/1/2014		CO

Kirk Russell, PE
Finance Section Chief

Attachment 5

Design and Construction Status Report

	Contract Borrower	County	Loan Amount	Design Status	Const. Start/End	Const. Status	PM	Status Description/Update		
6	Wadley Farms Flng. 3 HOA > Water Rights Purchase C150379	Adams	$727,200	N/A	N/A	N/A	JH	6/1/2014		SP
7	Missouri Heights - Mountain Meadows Irrigation Company > Irrigation Ditch lining Project C150351	Eagle/ Garfield	$454,500	100%	Sept 13 - June 14	100%	KR	7/1/2014		CO
8	Boulder & Lefthand Irrigation Company > Tracy Lateral Pipeline C150357	Boulder	$202,000	100%	Nov 13 - Jul 14	100%	JH	7/1/2014		SP
9	Fisher Ditch Company > Ditch Infrastructure Project C150319	Denver	$454,500	100%	Nov 12 - July 14	100%	JH	7/1/2014		SP
10	Petrocco Family Limited Partnership > Water Rights Purchase C150363	Adams/ Weld	$840,825	N/A	N/A	N/A	JH	10/1/2014		SP
11	Lamar, Town of > Raw Water Transmission Line Replacement C150367	Prowers	$792,850	100%	Mar 14 - Nov 14	40%	DJ	10/1/2014		AR
12	Tri-County Water Conservancy District > Ridgway Reservoir Micro Hydro Project C150324	Ouray/ Mont/ Delta	$13,130,000	100%	Jul 12 - Jul 14	99%	KR	10/1/2014		GU
		SubTotal =	$25,680,064							

Attachment 5

Kirk Russell, PE
Finance Section Chief

C150356

CWCB Water Project Loan Program
Project Data Sheet

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

Project Name: Well Replacement Project **Project Type:** Well Drilling

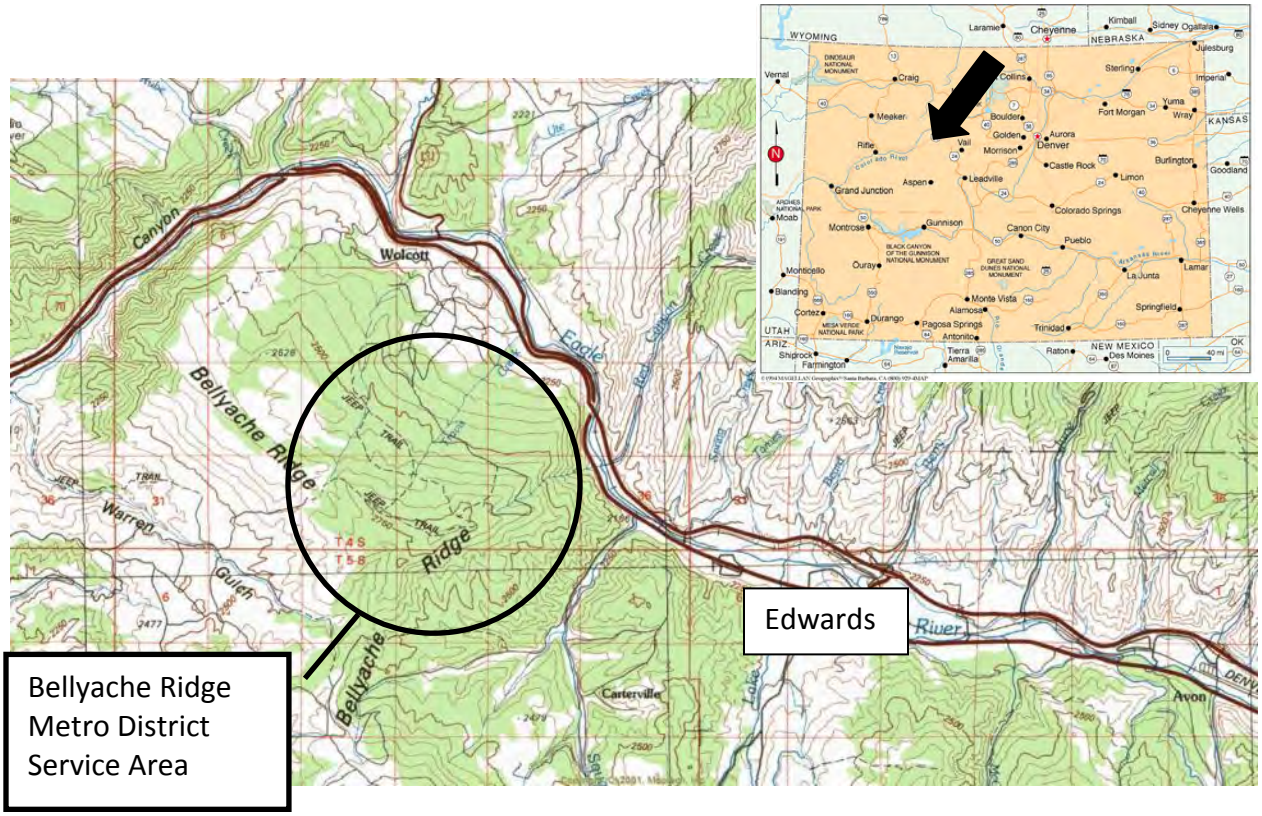
Drainage Basin/ District: Colorado / 37 **Water Source:** Groundwater

Total Project Cost: $355,000 **Funding Source:** Construction Fund/ DOLA Energy and Mineral Impact Assistance Fund

Type of Borrower: Municipal (High) **Average Annual Diversion:** 11 AF

CWCB Loan: $169,175 (with 1% Service Fee) **Interest Rate:** 3.0% **Term:** 30 years

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



C150344

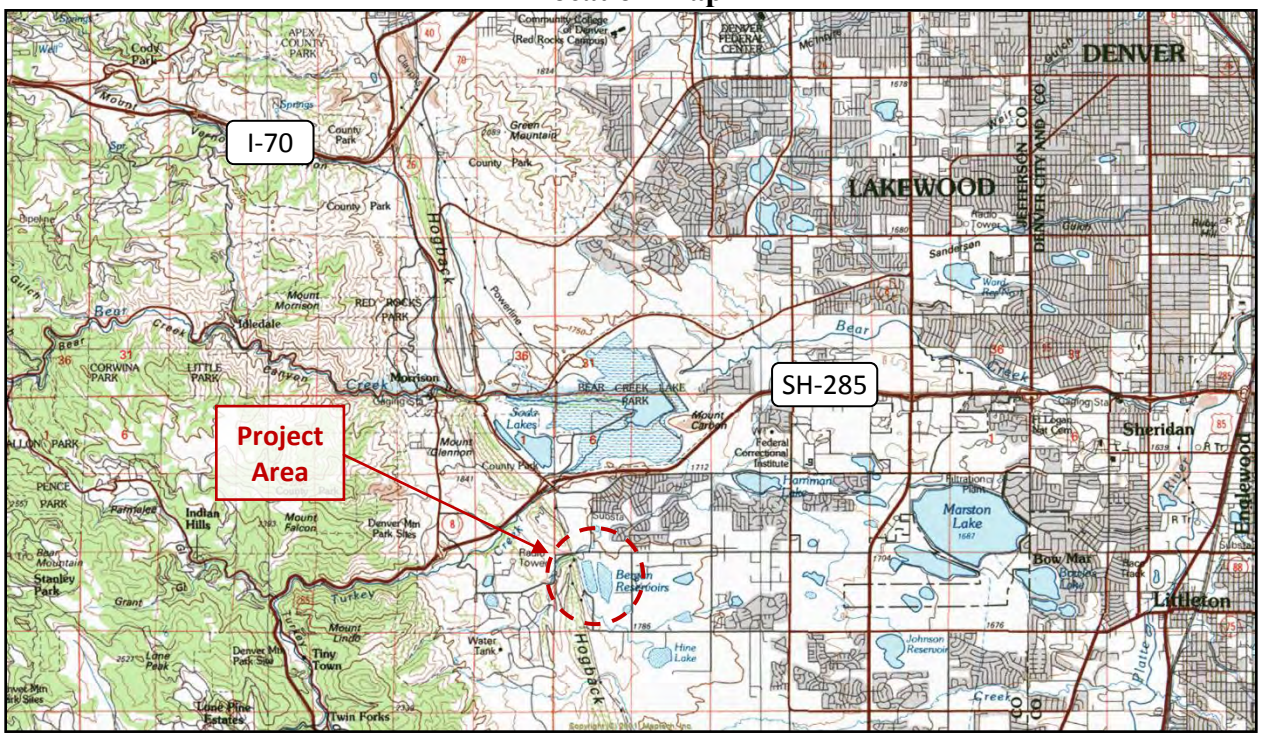
Water Project Loan Program – Project Data Sheet

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: Boxelder Basin Regional Stormwater Authority
County: Larimer

Project Name: Larimer-Weld Canal & Boxelder Creek Crossing Structure
Project Type: Flood Control

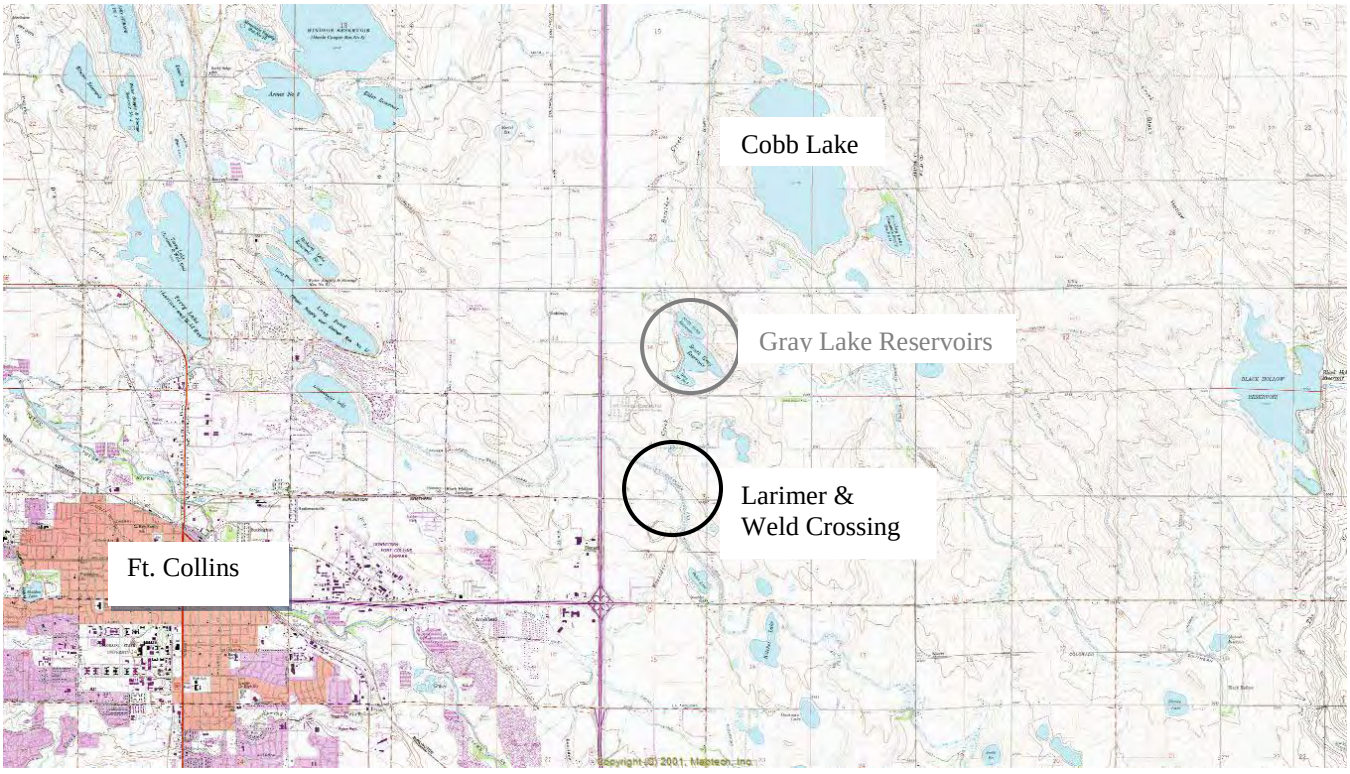
Drainage Basin / District: South Platte / 3
Water Source: Boxelder Creek

Total Project Cost: $1,139,000
Funding Source: Construction Fund

Type of Borrower: Middle Income Municipal
Average Annual Diversion: N/A

CWCB Loan: $1,010,000 (with 1% service fee)
Interest Rate: 2.75% **Term:** 15-years (rate reduced from 3.0% for middle income municipal)

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



CWCB Water Project Loan Program
Project Data Sheet

Borrower: Boxelder Basin Regional Stormwater Authority
County: Larimer

Project Name: East Side Detention Facility
Project Type: Flood Control

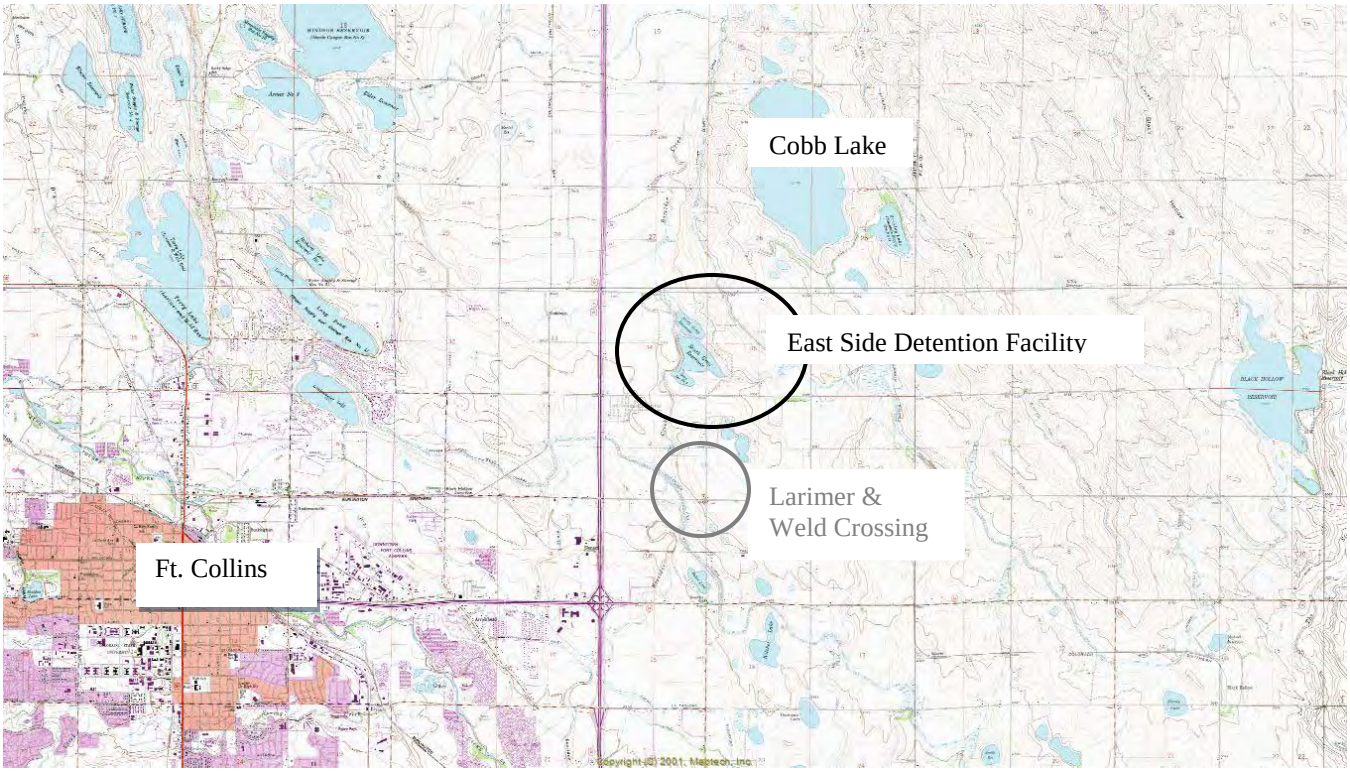
Drainage Basin/ District: South Platte / 3
Water Source: Boxelder Creek

Total Project Cost: $8,761,000
Funding Source: Construction Fund

Type of Borrower: Middle Income Municipal
Average Annual Diversion: N/A

CWCB Loan: $7,171,000 (with 1% service fee)
Interest Rate: 2.75% **Term:** 15-years (Reduced from 3.0% for middle income municipal)

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



CWCB Water Project Loan Program
Project Data Sheet

C150393

Borrower: Boxelder Basin Regional Stormwater Authority

County: Larimer

Project Name: County Road 52 Improvements

Project Type: Flood Control

Drainage Basin/ District: South Platte / 3

Water Source: Boxelder Creek

Total Project Cost: $1,850,000

Funding Source: Construction Fund

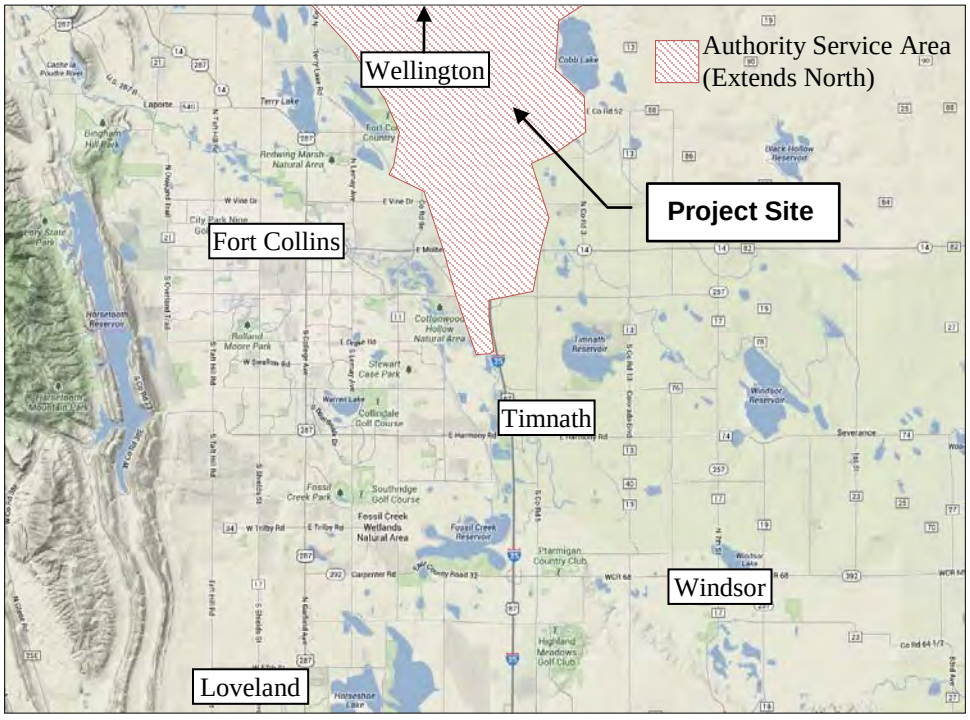
Type of Borrower: Middle Income Municipal

Average Annual Diversion: N/A

CWCB Loan: $818,100 (with 1% service fee)

Interest Rate: 2.50% **Term:** 15 years (Reduced from 2.75% for middle income municipal)

The Boxelder Basin Regional Stormwater Authority was formed in 2008, through an IGA between Fort Collins, Larimer County, and Wellington, to facilitate the construction of regional stormwater improvements to reduce the threat of flooding and remove areas from the FEMA floodplain in the Boxelder Creek basin. The County Road 52 Improvement Project will be completed in conjunction with the Authority's East Side Detention Facility (CWCB Loan Contract C150352) and Larimer and Weld Canal Crossing Structure (CWCB Loan Contract C150353). This Project will install box culverts under County Road 52 to reduce roadway overtopping in a 100-year storm event. Altogether, these projects are expected to reduce downstream flows in Boxelder Creek from over 7,000 cfs to less than 2,400 cfs during a 100-year storm event.



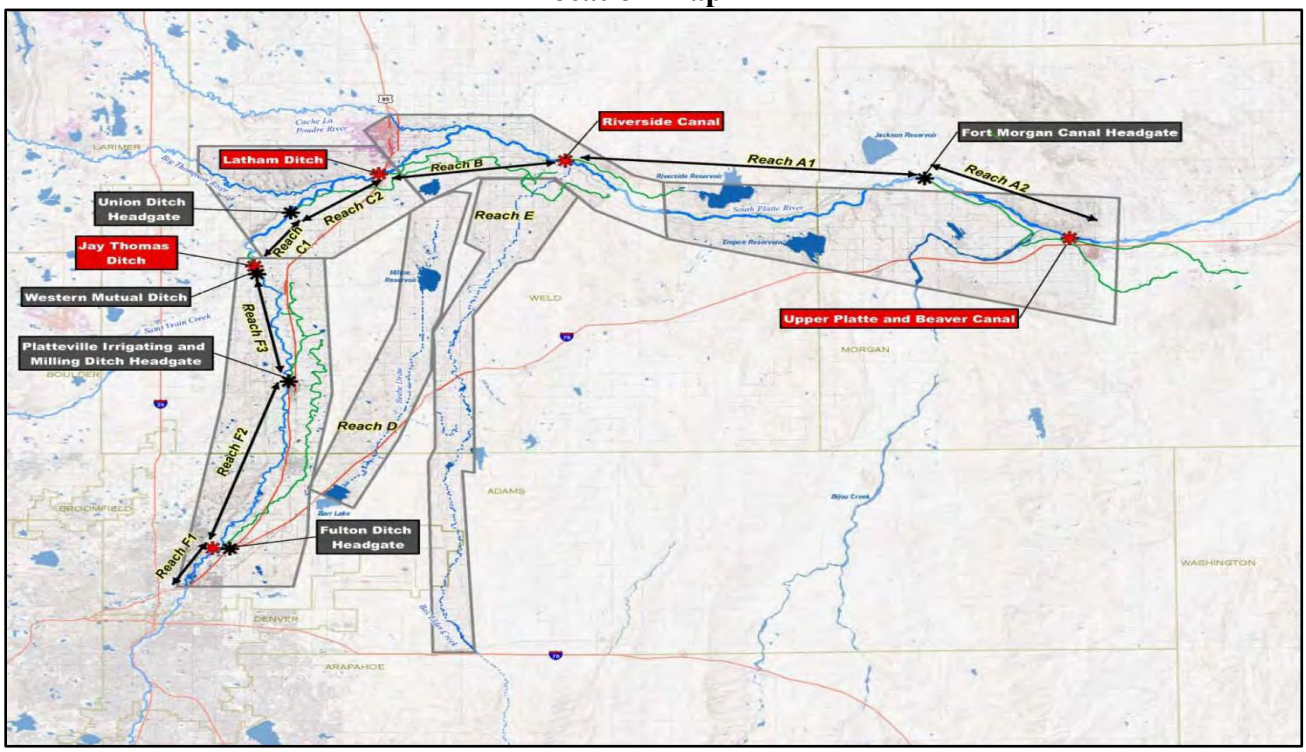
C150337

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



C150343

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

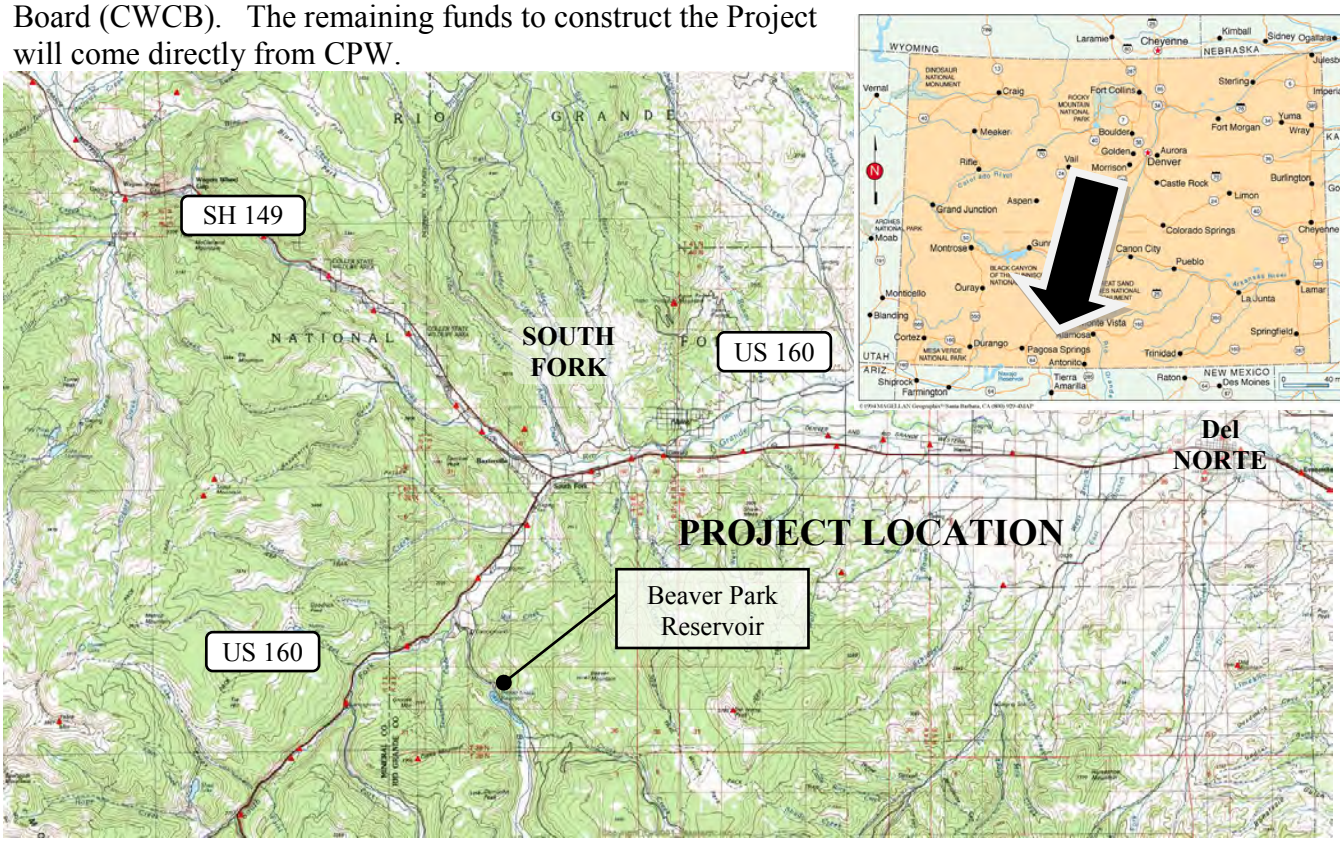
Type of Borrower: State Agency

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

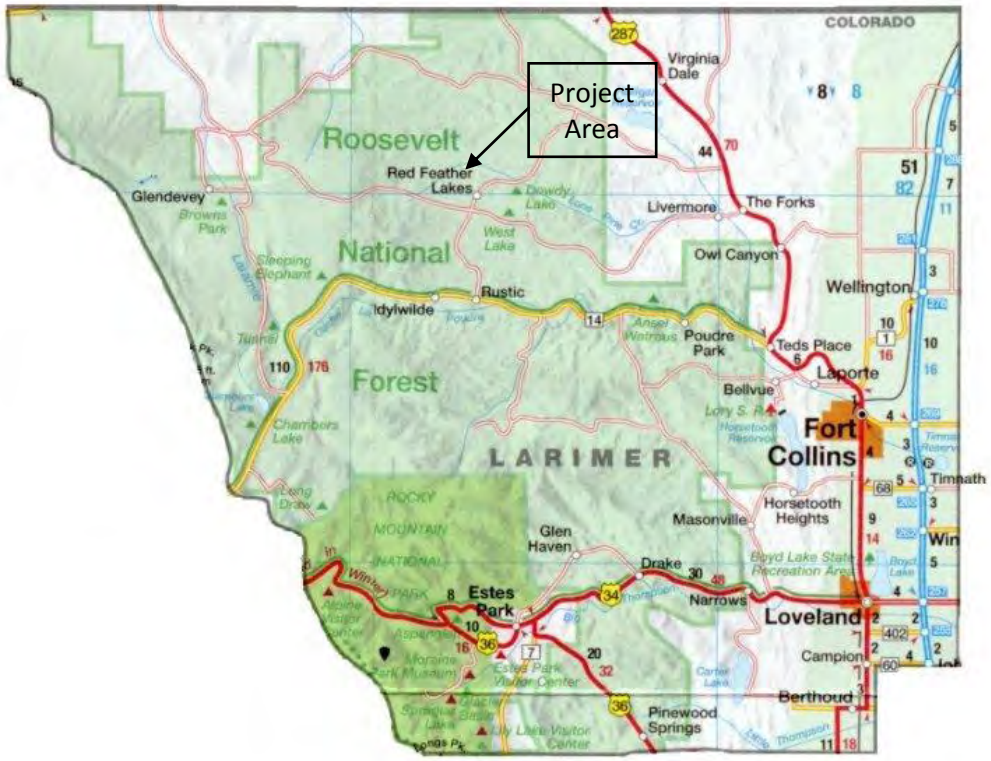
Avg. Annual Diversion: 271 AF

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

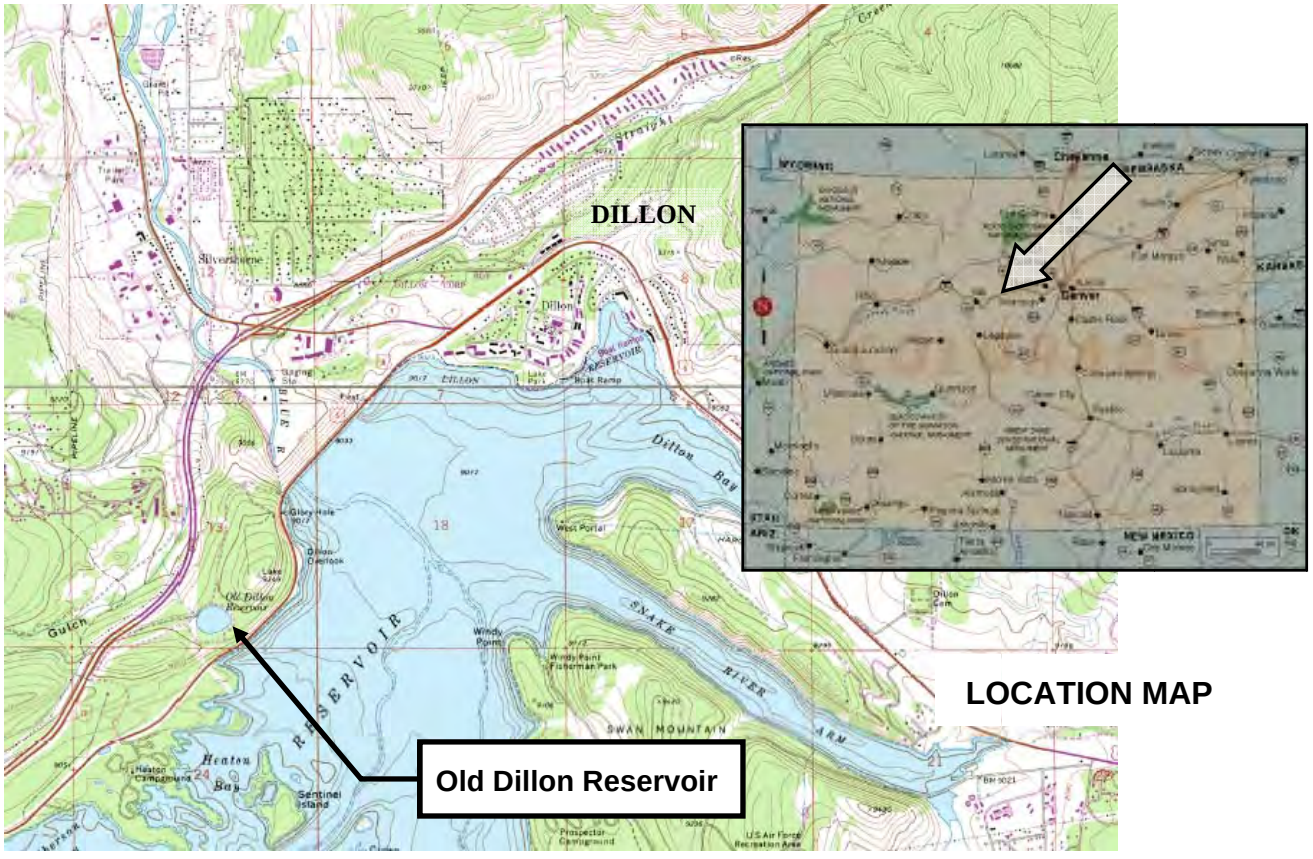
Type of Borrower: Municipal Middle Income

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.



C150338

CWCB Water Project Loan Program
Project Data Sheet

Borrower: Eckhardt Farms Inc.

County: Weld

Project Name: Water Rights Purchase

Project Type: Water Rights Purchase

Basin: South Platte **District:** 1

Water Source: Western Mutual Ditch

Total Project Cost: $1,470,000

Funding Source: Construction Fund

Type of Borrower: Agricultural

Average Annual Diversion: 694 AF

CWCB Loan: $1,336,230 (w/ 1% service fee)

Interest Rate: 1.75%

Term: 30-years

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

CWCB Water Project Loan Program
Project Data Sheet

C150402

Borrower: The Ephraim Ditch Company

County: Rio Grande

Project Name: Ephraim Diversion and Headgate Rehabilitation

Project Type: Ditch Rehabilitation

Drainage Basin/ District: Rio Grande / 22

Water Source: Conejos River

Total Project Cost: $201,500

Funding Source: Construction Fund, WSRA Grants

Type of Borrower: Agricultural

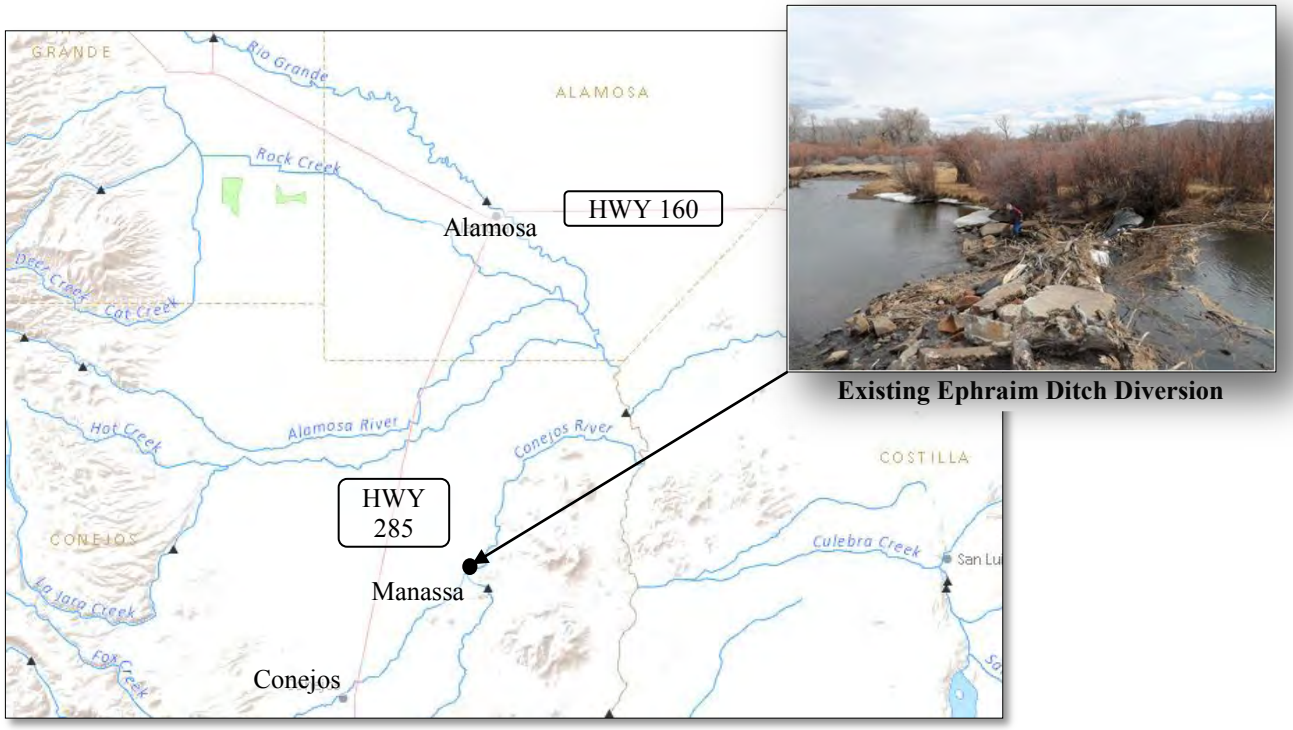
Average Annual Diversion: 4,100 AF

CWCB Loan: $101,000 (with 1% service fee)

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

The Ephraim Ditch Company formed in 1883 and incorporated in 1927 as a Mutual Ditch Company. Its diversion is located on the Conejos River just below the confluence with the San Antonio River and a service area covering approximately 5,000 irrigated acres. The purpose of this Project is to address the need for a well-designed diversion structure that will reduce maintenance, improve water management efficiencies, and allow for the accurate control of compact-entitled waters. The core of the Ephraim Ditch diversion structure has been washed away over time, contributing to decades of limited diversion to irrigators and potential over payment to the Compact. Currently irrigators divert their water right by piling debris such as tree trunks or cinderblocks to act as the diversion dam. This Project will remove and replace the diversion and headgate structure and install automated headgates and five gauging stations. Construction is expected to start around July 2015.

This Project is one of three projects collectively known as the Conejos River System Confluence Management Project, managed by the Conejos Water Conservancy District. The District has taken a proactive "whole river" system approach to water management and, over the past few years, has improved the efficiency and stability of many diversions, developed real-time water management data, and studied the effects on return flows from irrigated areas from groundwater withdrawals. The Confluence Management Project will extend this whole river strategy to the Confluence, specifically to the Sanford Canal, Ephraim Ditch, and East Bend Ditch.



Existing Ephraim Ditch Diversion

C150314

CWCB Water Project Loan Program
Project Data Sheet

Borrower: Farmers' High Line Canal and Reservoir Company

County: Adams/Jefferson

Project Name: System Rehabilitation

Project Type: Ditch Rehabilitation

Drainage Basin/District: South Platte / 7

Water Source: Clear Creek

Total Project Cost: $2,430,000

Funding Source: Construction Fund

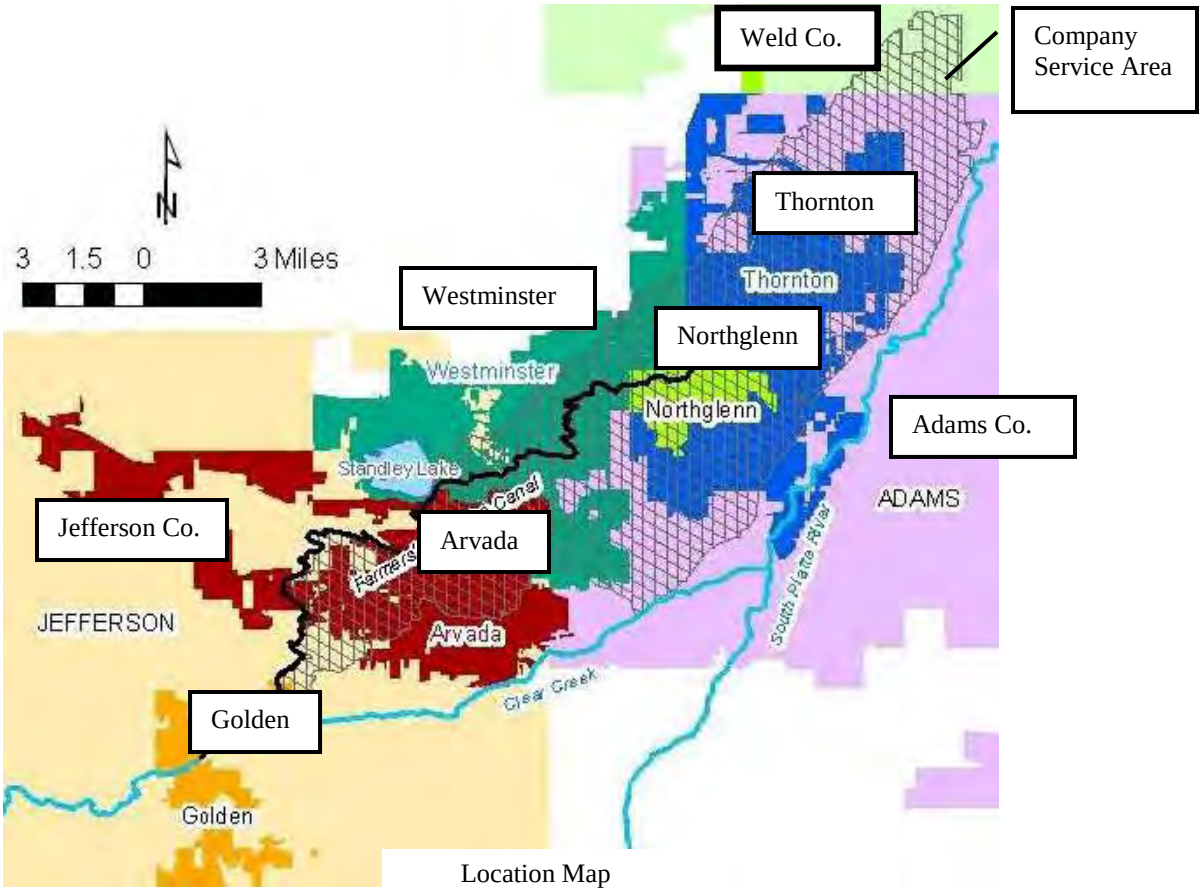
Type of Borrower: Municipal

Water Delivery: 24,000 AF/yr

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

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

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



Location Map

CWCB Water Project Loan Program
Project Data Sheet

C150394

Borrower: Farmers Pawnee Canal Company

County: Logan

Project Name: Diversion Structure Replacement Project

Project Type: Diversion Structure

Drainage Basin/ District: South Platte / 64

Water Source: South Platte River

Total Project Cost: $2,047,000

Funding Source: Construction Fund

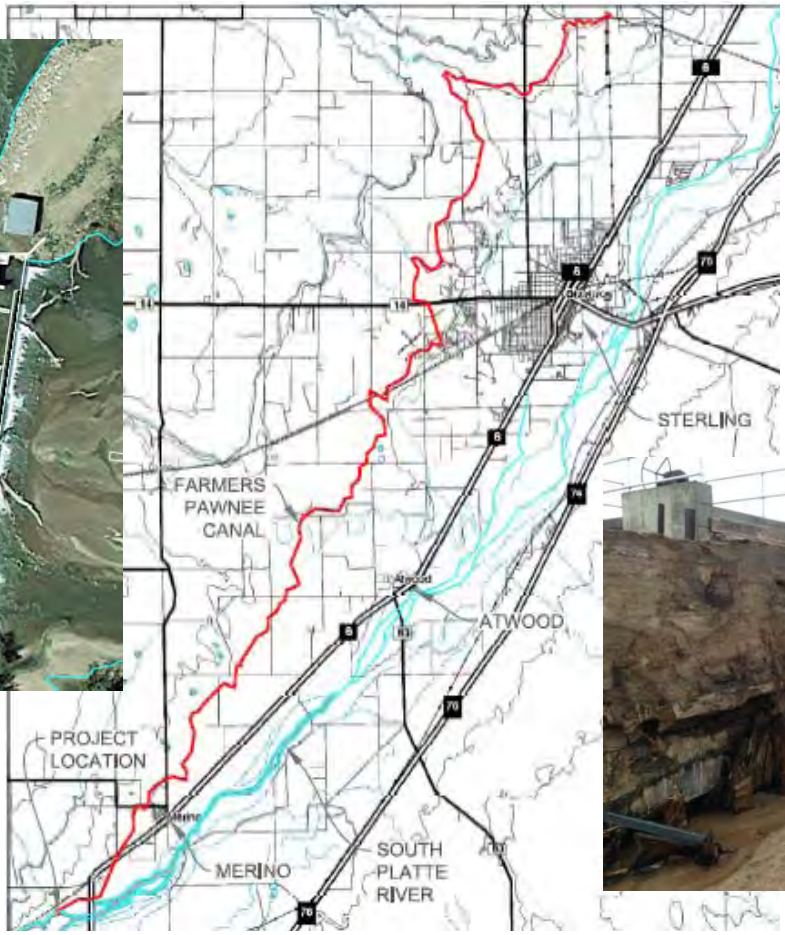
Type of Borrower: Agricultural

Average Annual Diversion: 27,956 AF

CWCB Loan: $2,067,470
(with 1% service fee)

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

The Company provides irrigation water to a 10,000 acre service area, extending from one mile south of Merino to four miles north of Sterling along the west side of the South Platte River. The Company's diversion structure is 218-foot long rollover diversion dam that spans the width of the river. Adjacent to the dam is the Company's 40-foot canal headgate structure. Both structures were originally built in 1926. After the September 2013 flood, the river began to undermine the structures. Attempts to repair the structures with additional steel sheet piling and concrete were not successful and the undermining worsened. The Company intends to rebuild the diversion dam and canal headgate. Replacement of the diversion dam provides the Company with an opportunity to utilize an improved design and alleviate an ongoing maintenance issue of sand accumulation within the canal. Construction is expected to occur in the fall/winter of 2014/2015.



CWCB Water Project Loan Program
Project Data Sheet

C150359

Borrower: Town of Fowler, Water Enterprise

County: Otero

Project Name: Augmentation Pipeline Project

Project Type: Augmentation

Drainage Basin/ District: Arkansas / 17

Water Source: Arkansas River

Total Project Cost: $305,000

Funding Source: Construction Fund

Type of Borrower: Municipal (Low)

Average Annual Diversion: 157 AF

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

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

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

CWCB Water Project Loan Program
Project Data Sheet

C150399

Borrower: Fulton Irrigation Ditch Company

County: Adams

Project Name: Diversion Structure Rehabilitation Project

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 2

Water Source: South Platte River

Total Project Cost: $2,230,000

Funding Source: Construction Fund

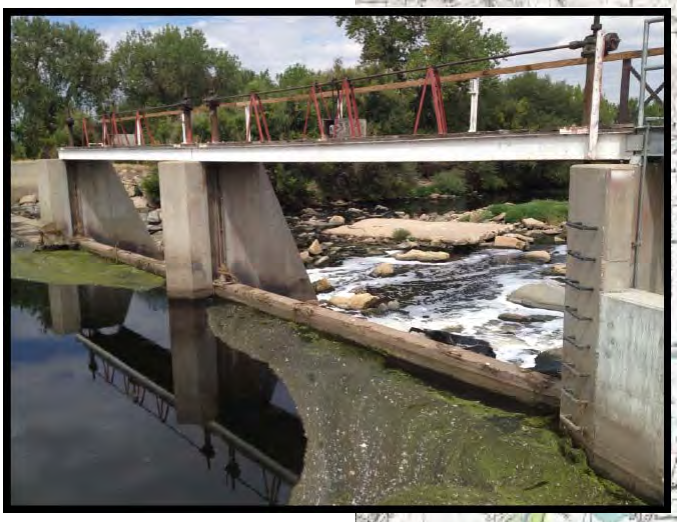
Type of Borrower: Blended

Average Annual Diversion: 29,684 AF

CWCB Loan: $2,027,070 (with 1% service fee)

Interest Rate: 2.45% **Term:** 30-years

The purpose of the Project is to replace the Company's South Platte River diversion gates and rehabilitate the existing trash rack. The Project will also include the reconstruction of the Branch Ditch Diversion Structure on the Fulton Ditch. The Company diverts South Platte River water near 100th Ave. in Commerce City to a 38,000 acre service area. Sago pond weed in the South Platte River has escalated and is beginning to obstruct the flow of water through the existing trash rack. Construction is expected to occur in the fall/winter of 2014/2015.



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

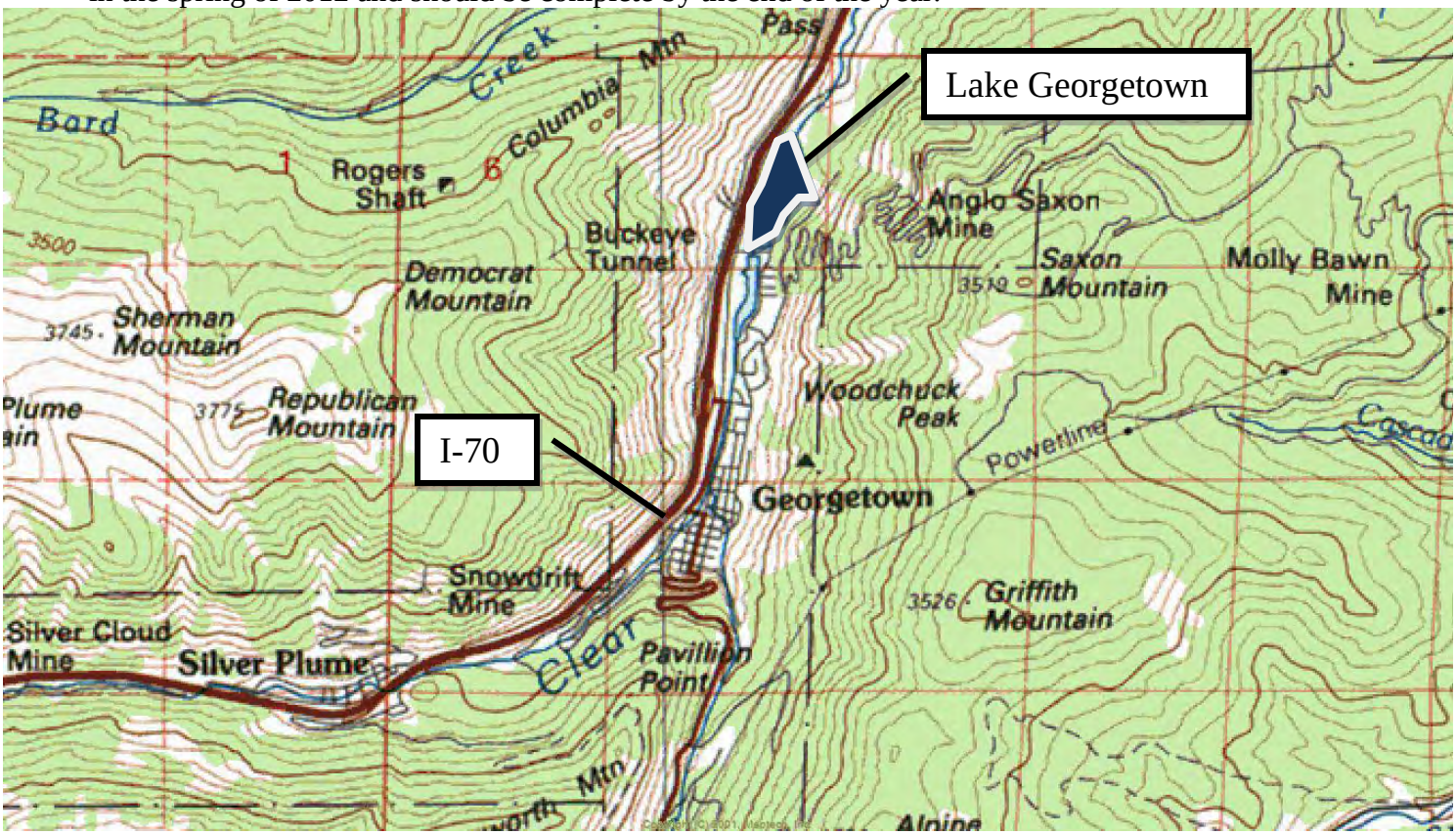
Average Diversion: 208 AF

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.



CWCB Water Project Loan Program
Project Data Sheet

Borrower: Grand Mesa Water Conservancy District

County: Delta

Project Name: Peak Reservoir and Blanche Park Reservoir Rehabilitation

Project Type: Reservoir Rehabilitation

Drainage Basin/ District: Gunnison / 40

Water Source: Surface Creek

Total Project Cost: $640,000

Funding Source: Construction Fund/ WSRA Gunnison Basin Funds

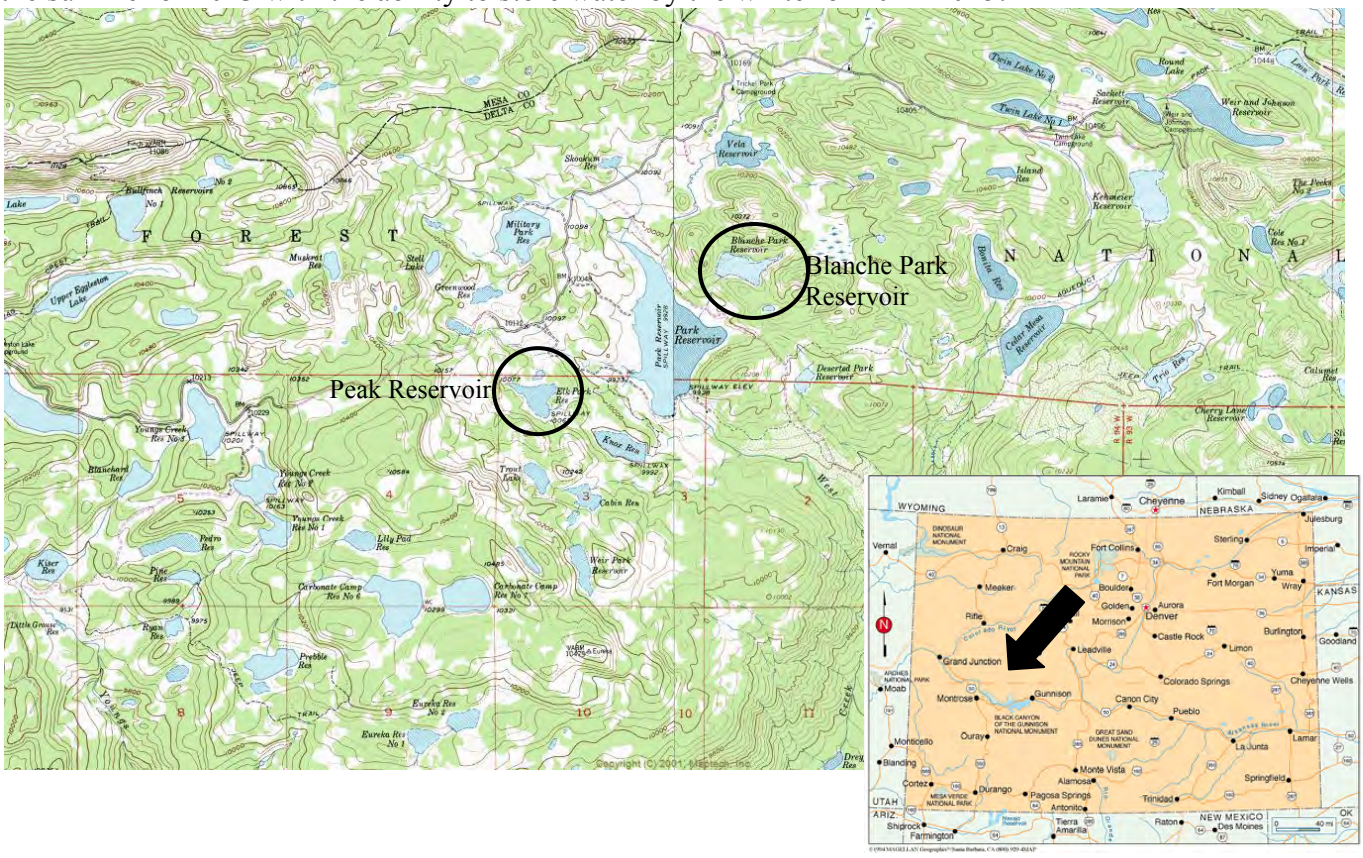
Type of Borrower: Municipal/Agricultural

Average Annual Diversion: 400 AF
Storage Added: 155 AF

CWCB Loan: $227,250
(with 1% Service Fee)

Interest Rate: 1.55%* **Term:** 20 years
(Reduced from 1.8% blended rate)

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



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

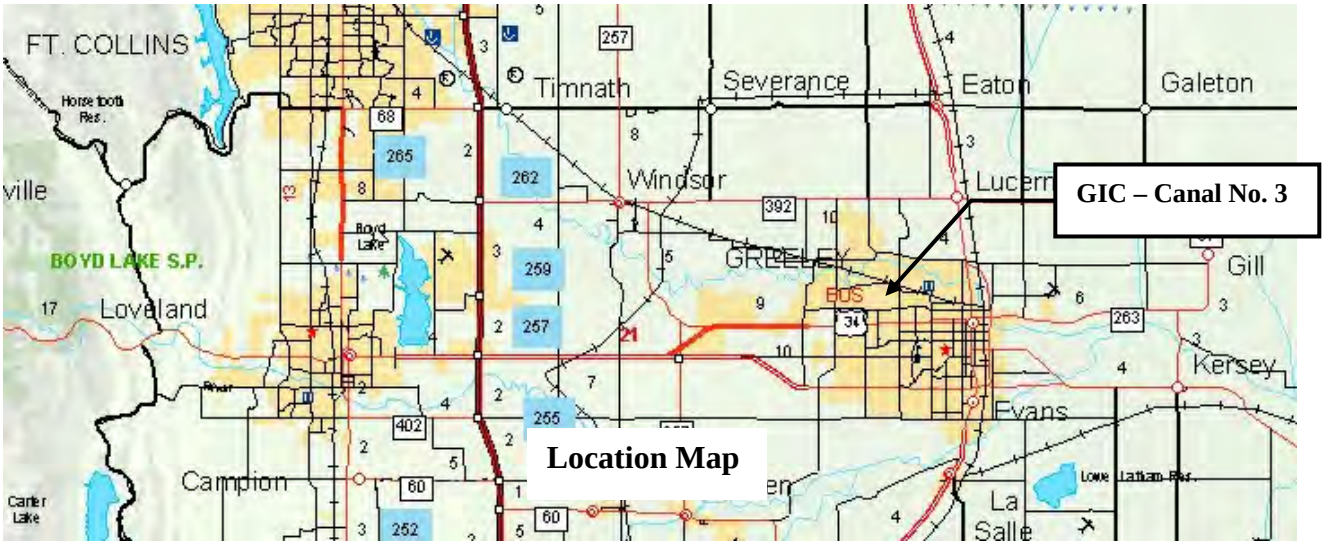
Aver. Delivery: 18,000 acre-feet

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 Water Project Loan Program
Project Data Sheet

C150362

Borrower: Greeley and Loveland Irrigation Company

County: Larimer

Project Name: Irrigation System Improvements

Project Type: Reservoir Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: Big Thompson River

Total Project Cost: $3,470,000

Funding Source: Construction Fund

Type of Borrower: Agricultural

Average Annual Diversion: 45,000 AF

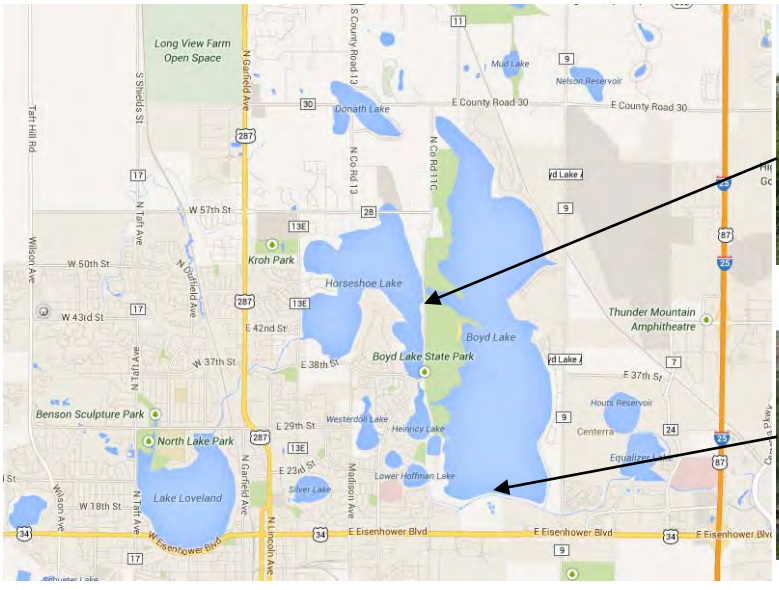
CWCB Loan: $3,154,230
(with 1% service fee)

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

The Greeley and Loveland Irrigation Company (Company) is a mutual ditch company established in 1900. Together with the Seven Lakes Reservoir Company (Seven Lakes), they own and operate nine reservoirs, and control the Greeley and Loveland Canal.

Boyd Lake, owned by the Company, is the largest reservoir in the irrigation system and has a surface area of 1,750 acres with a storage capacity of 4,874 acre-feet. The Boyd Lake project will replace the high-level reservoir inlet and outlet from the Greeley and Loveland Irrigation Canal so that the Company can discharge water into Boyd Lake for storage during low reservoir levels, or discharge water back into the canal for deliveries during high reservoir levels.

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



Existing Horseshoe Lake High-Level Outlet

Existing Boyd Lake High-Level Outlet

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

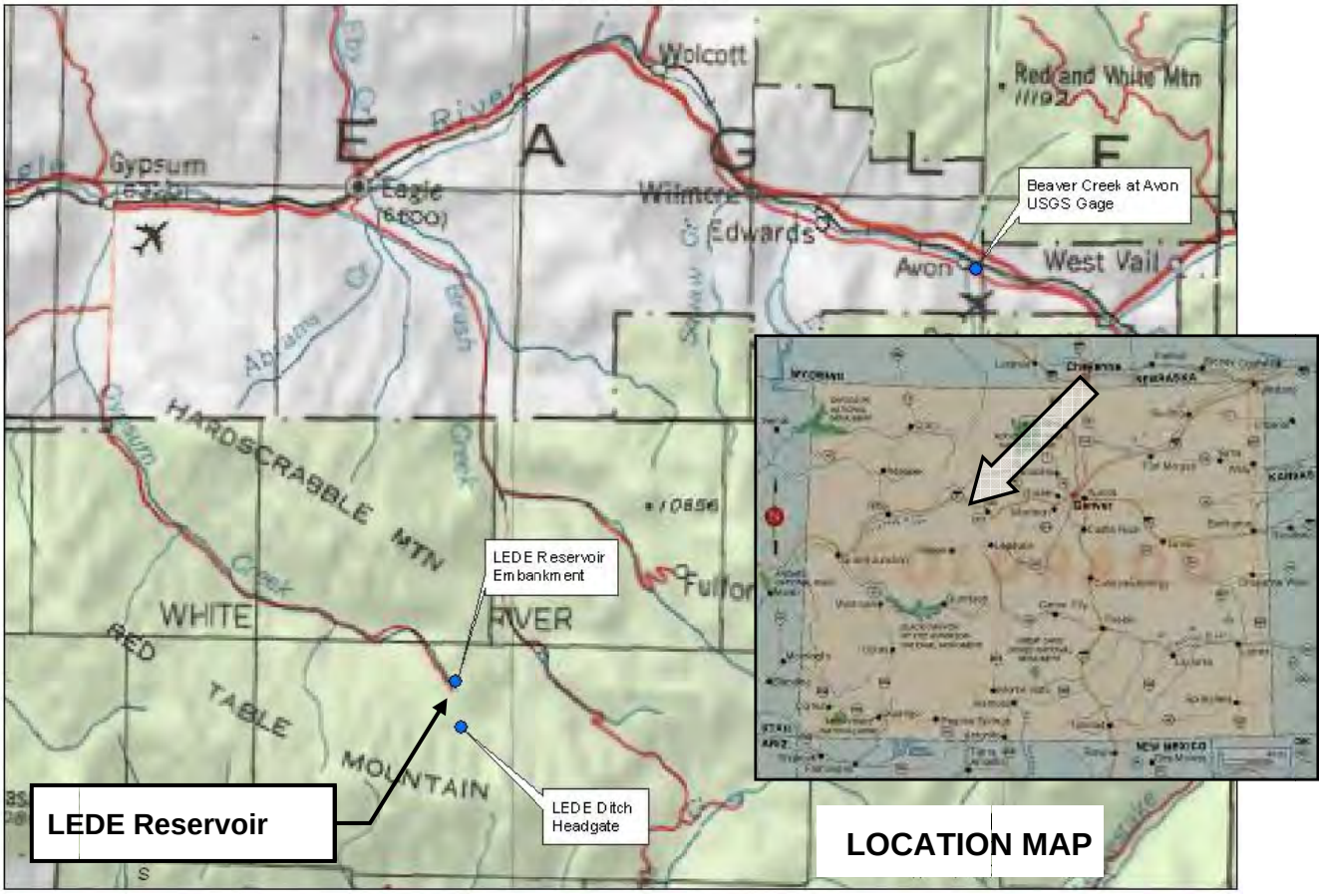
Average Delivery: 1,200 AF
New Storage: 254 AF

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.

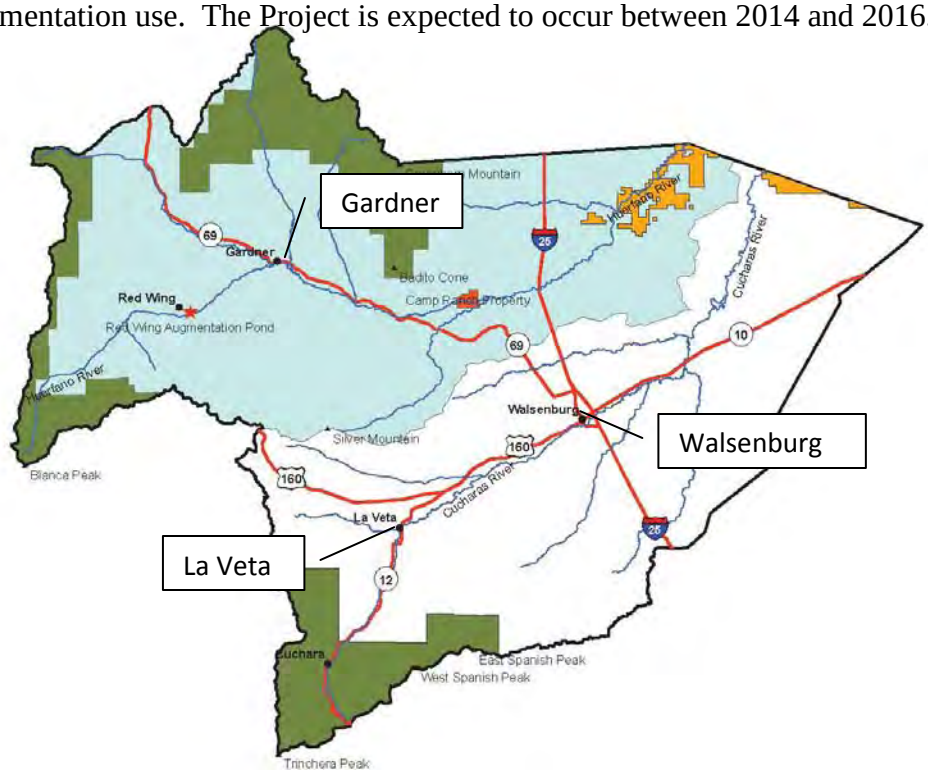
General Locations



Water Project Loan Program
Project Data Sheet

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

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



CWCB Construction Loan Program
Project Data Sheet

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

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

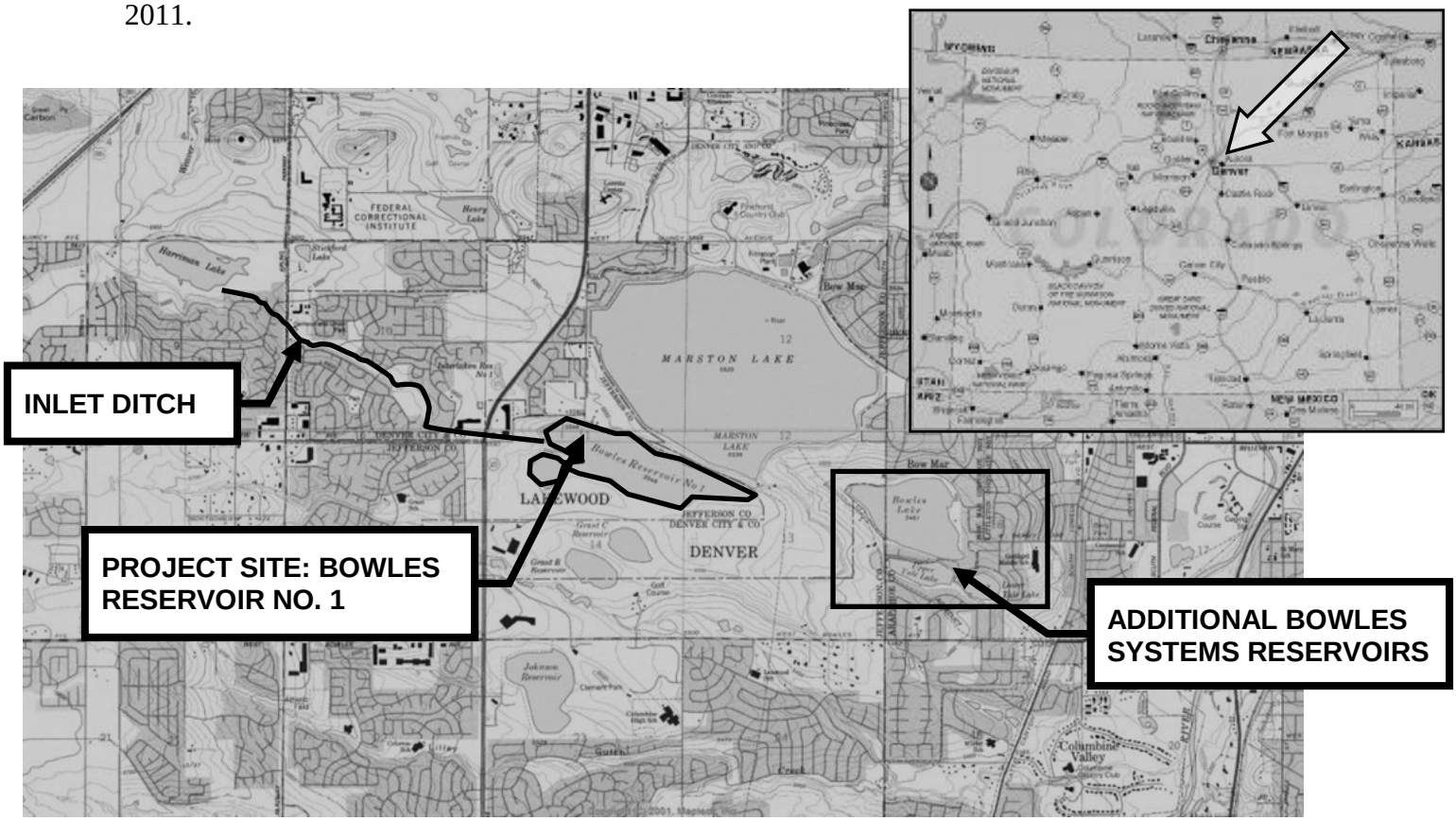
Drainage Basin: South Platte **Water Source**: Bear Creek

Total Project Cost: $1,874,000 **Funding Sources:** Construction Fund

Type of Borrower: Blended Ag & Municipal & Commercial **Average Delivery:** 900 AF

Loan Amount: $1,703,870 (Including 1% fee) **Interest Rate:** 4.65% **Term:** 30 years

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



CWCB 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

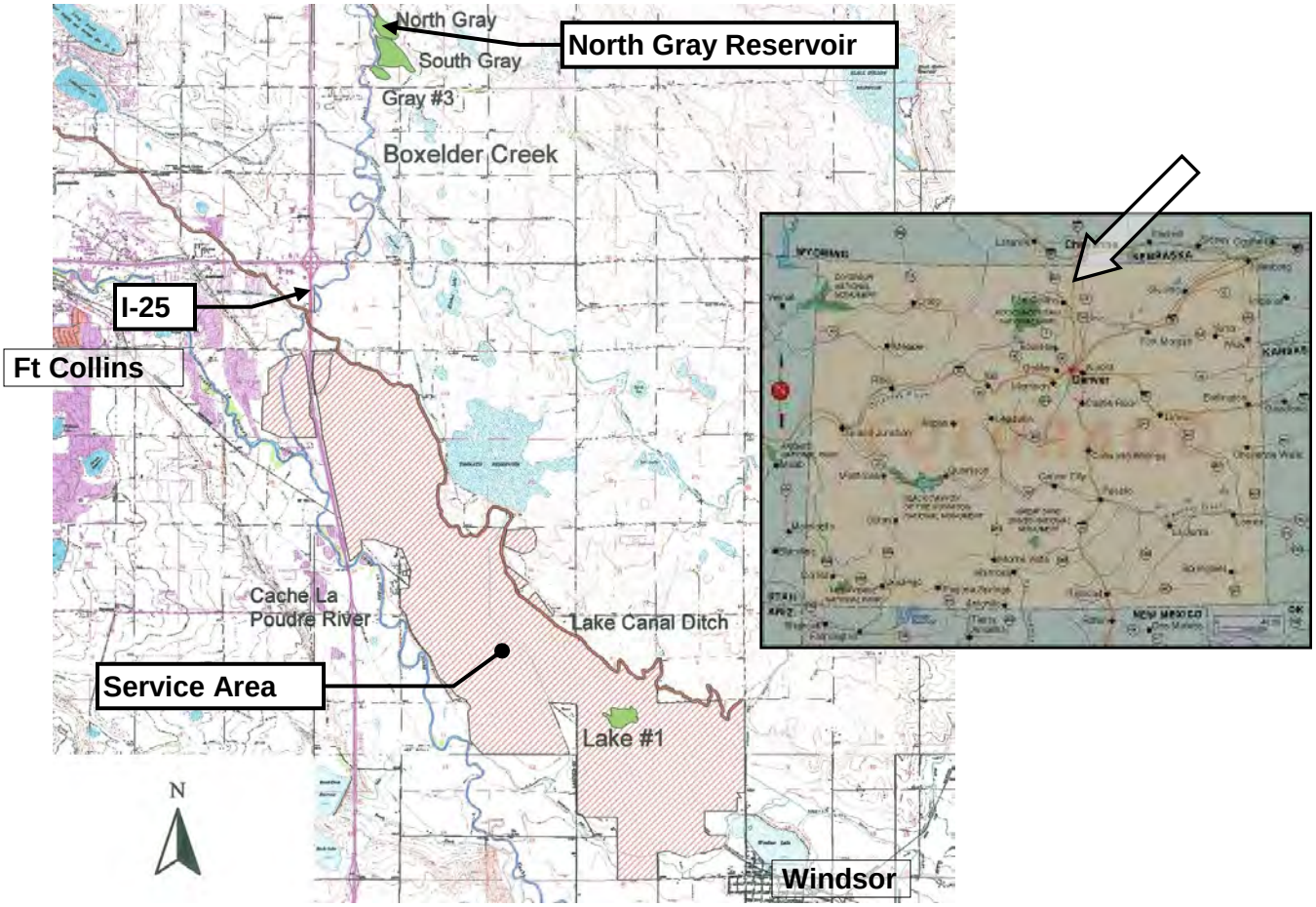
Details: 333 AF Stored
75 AF Recovered

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%.



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 Statewide Grant: ~~$500,000~~ **$450,000**

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).

C150336

Water Project Loan Program - Project Data

Borrower: Left Hand Ditch Company

County: Boulder

Project Name: Allen Lake and Lake Isabelle Repair Project

Project Type: Dam Rehabilitation

Drainage Basin: South Platte, District 5

Water Source: Left Hand and St. Vrain Creek

Total Project Cost: $1,273,000

Funding Source: Construction Fund

Type of Borrower: Blended (46% ag, 38% mid-muni, 16% high-muni)

Avg. Annual Delivery: 22,700 AF

CWCB Loan: $1,157,157 (incl. 1% loan fee)

Interest Rate: 2.45% **Term:** 30 years

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

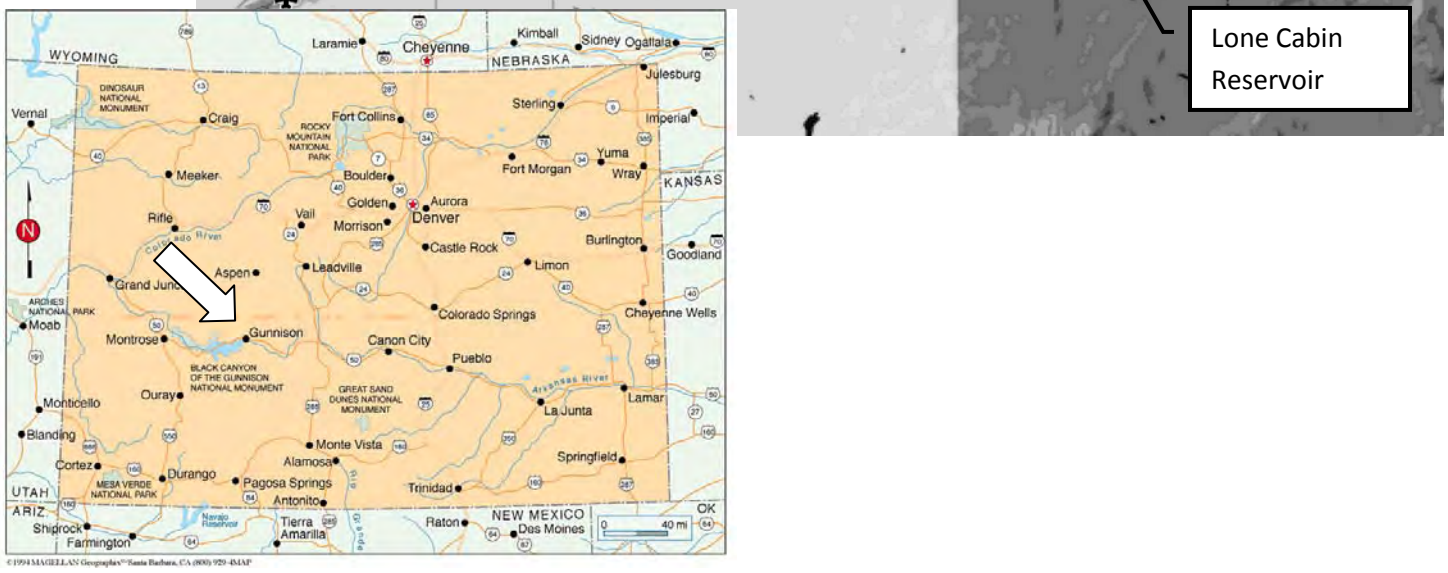
LOCATION MAP

Water Project Loan Program
Project Data Sheet

C150361

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

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



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

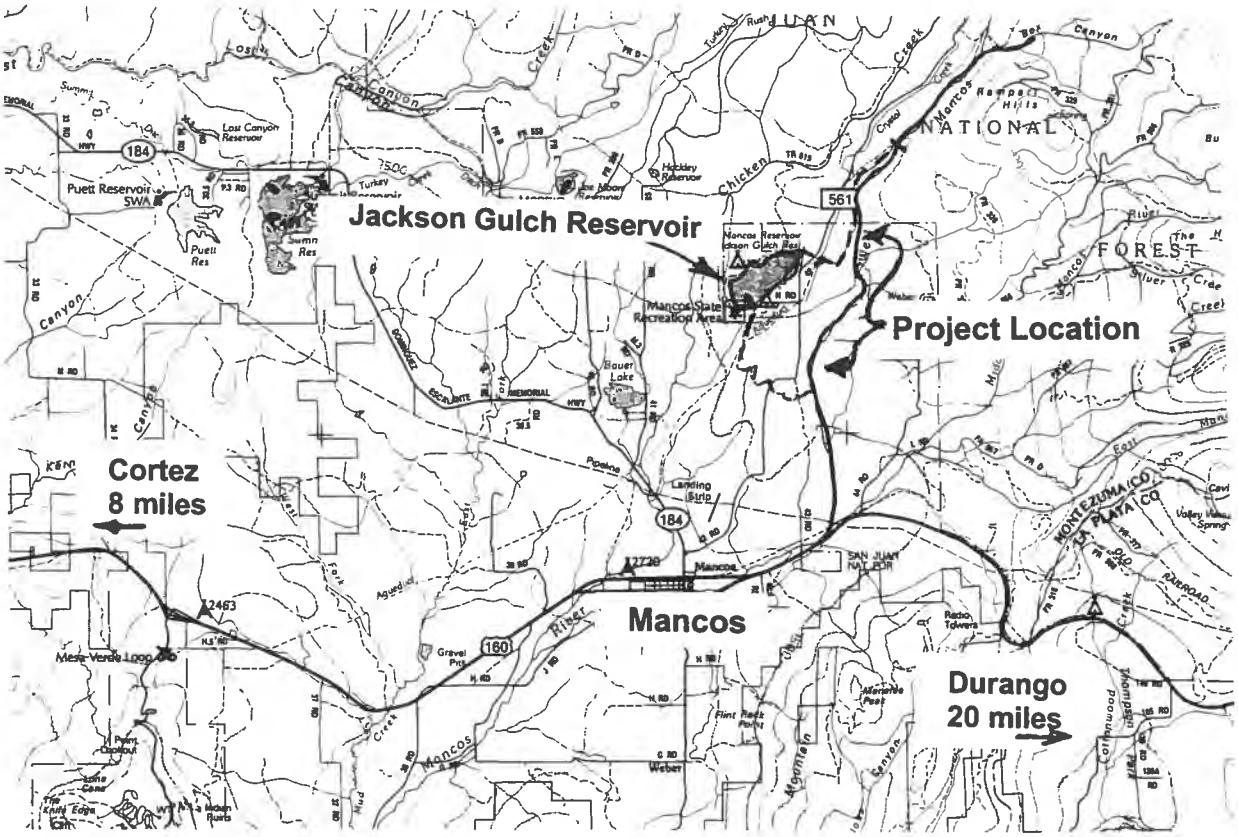
Total Project Cost: $6,619,550 **Funding Sources:** Borrower and CWCB

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

CWCB Water Project Loan Program
Project Data Sheet

C150334

Borrower: The McDonald Ditch Company

County: Rio Grande

Project Name: McDonald Ditch Diversion and Headgate Replacement Project

Project Type: Ditch Rehabilitation

Drainage Basin/ District: Rio Grande / 20

Water Source: Rio Grande River

Total Project Cost: $1,085,200

Funding Source: Construction Fund

Type of Borrower: Agricultural

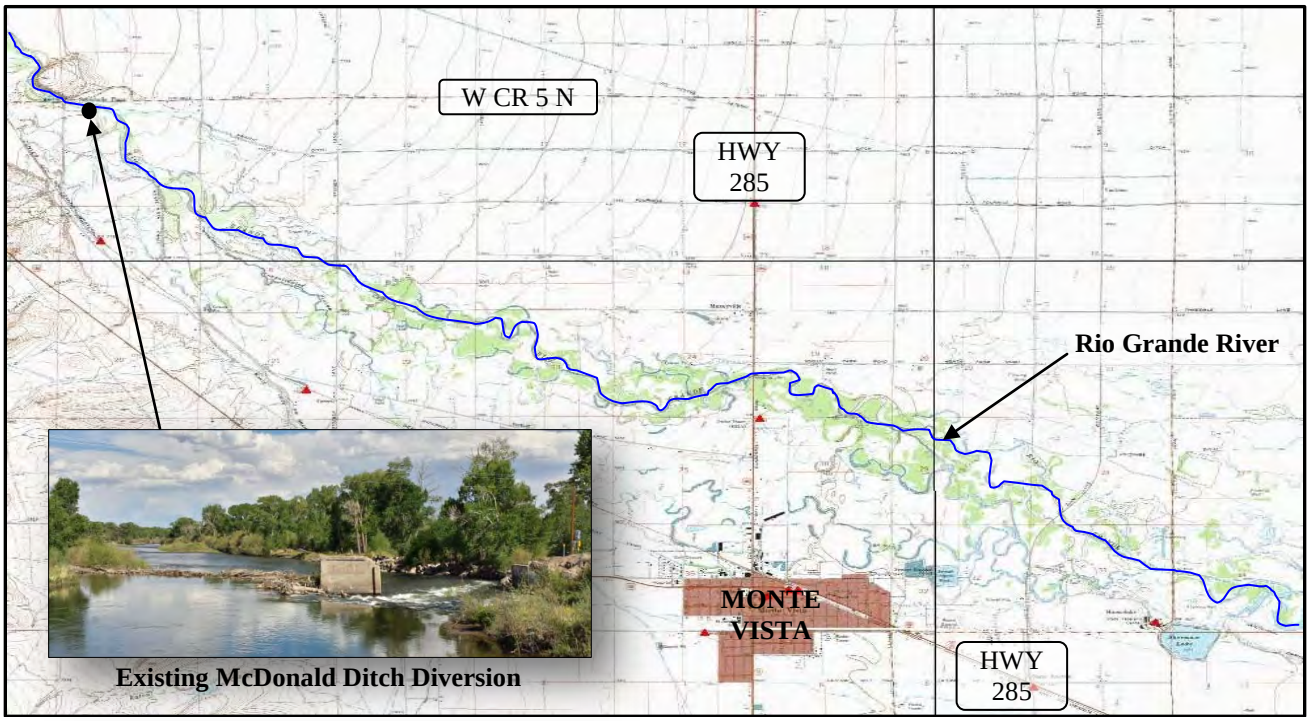
Average Annual Diversion: 45,000 AF

CWCB Loan: $101,000 (with 1% service fee)

Interest Rate: 2.50% **Term:** 30-years

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

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



C150309

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

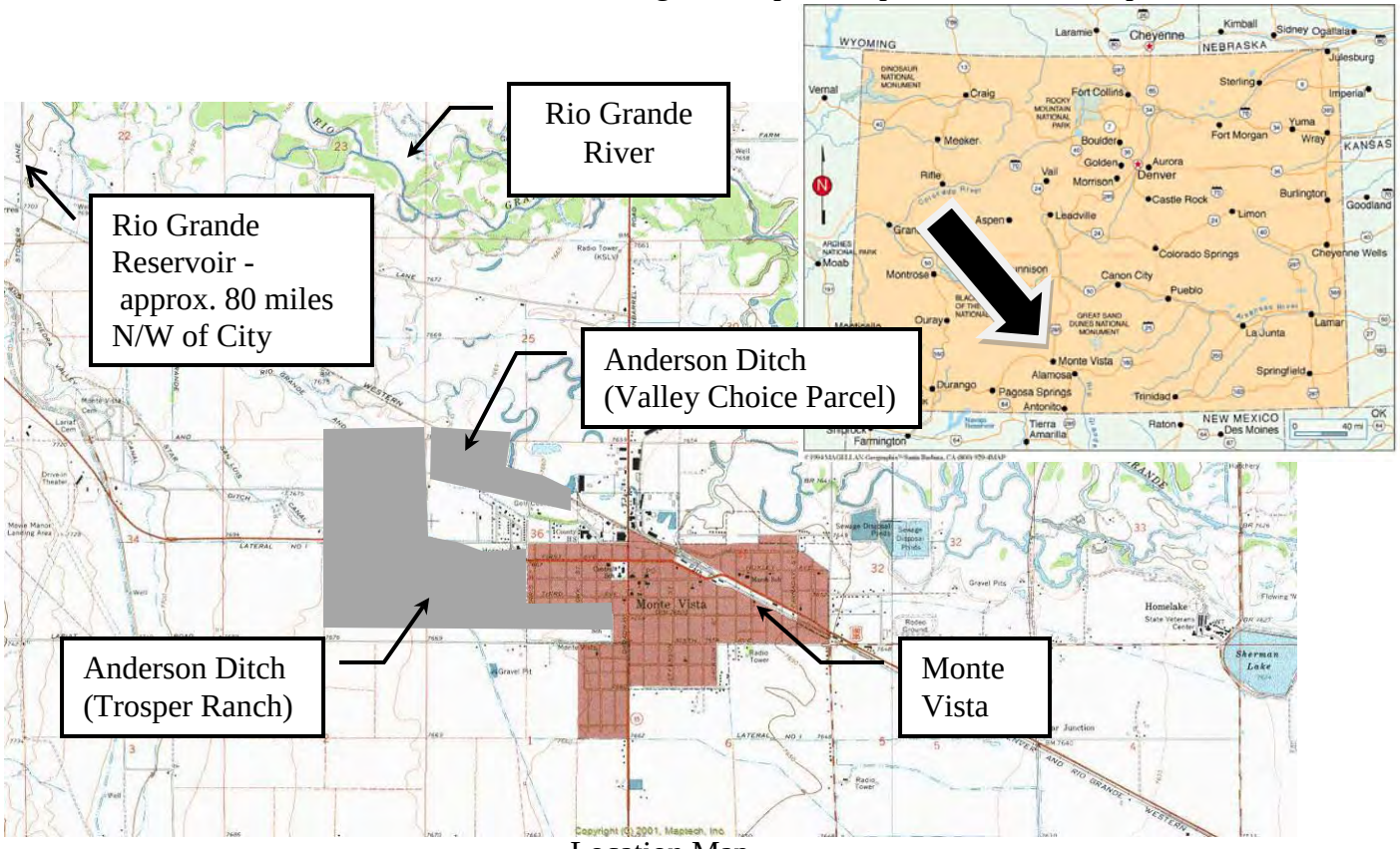
Type of Borrower: Low-Income Municipal

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 Water Project Loan Program
Project Data Sheet

C150378

Borrower: North Poudre Irrigation Company

County: Larimer

Project Name: Reservoir No. 4 Rehabilitation

Project Type: Reservoir Rehabilitation

Drainage Basin/ District: South Platte / 3

Water Source: Cache la Poudre

Total Project Cost: $1,800,000

Funding Source: Construction Fund

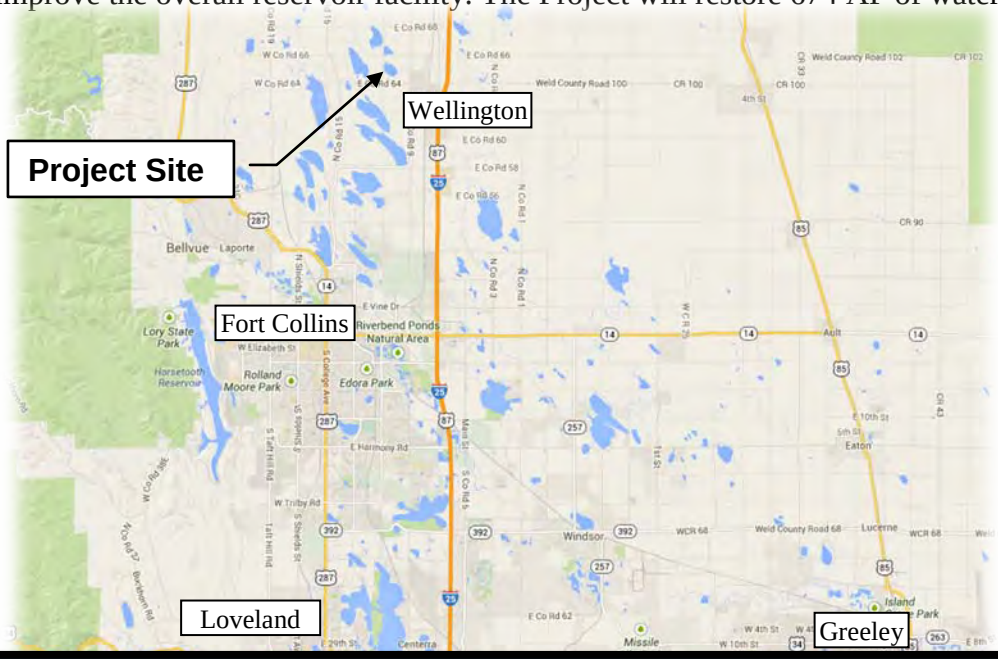
Type of Borrower: Blended

Average Annual Diversion: 44,400 AF

CWCB Loan: $1,636,200
(with 1% service fee)

Interest Rate: 2.35% **Term:** 30-years
(37% Ag, 1% Low, 57% Mid, 4% High, <1% Com)

The North Poudre Irrigation Company is a mutual ditch company established in 1901. The Company's office is located in Wellington with a service area of approximately 28,000 irrigated acres of farm land. Reservoir No. 4 is an off stream reservoir constructed in the late 1880s, enlarged in the 1920s, and had the outlet works replaced in the late 1950s. The Reservoir No. 4 Rehabilitation Project will modify the dam including its slope, outlet works, drains, spillway, and measurement structure and will also provide a new parking area and floodplain improvements. The purpose of the project is to lift the State Engineer's storage restriction on the reservoir and dam and improve the overall reservoir facility. The Project will restore 674 AF of water storage.



CWCB Construction Loan Program
Project Data Sheet

Borrower: Overland Ditch and Reservoir Co. **County**: Delta

Project Name: Overland Reservoir Enlargement **Project Type:** Reservoir Enlargement

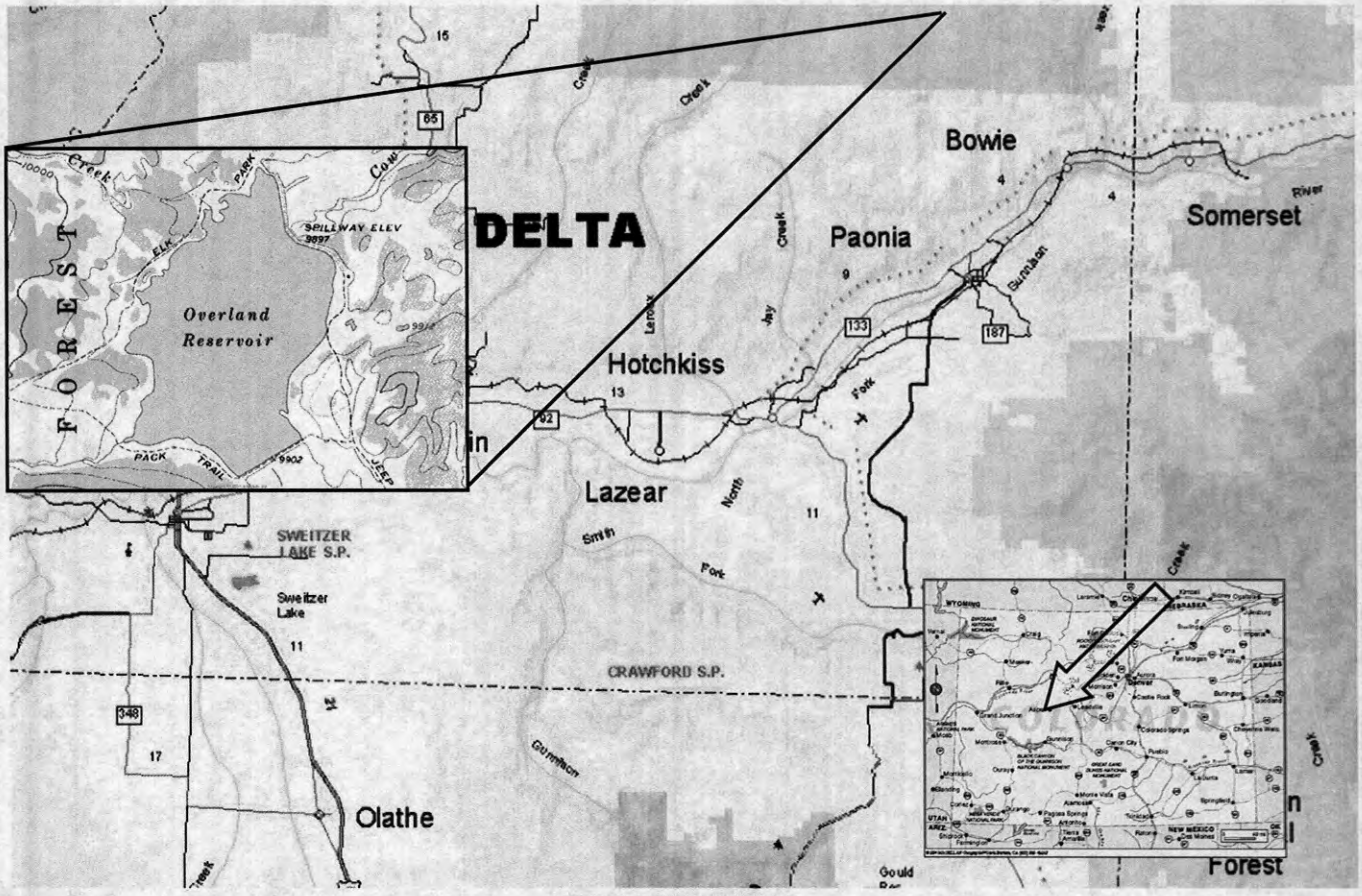
Drainage Basin: Gunnison River Basin **Water Source**: Cow Creek

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

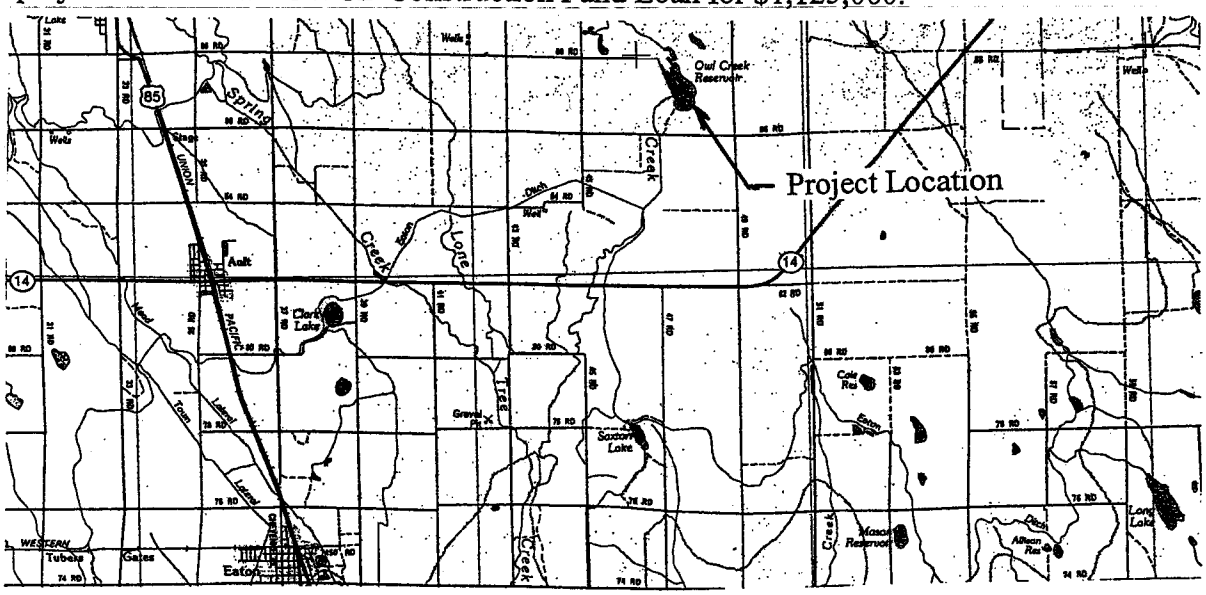
Total Project Cost: $1,250,000 **Funding Source:** CWCB

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

C150237

Water Project Construction Loan Program - Project Data

Borrower: Penrose Water District (PWD) Water Activity Enterprise

County: Fremont

Project Name: Penrose Raw Water Acquisition and Development Project

Project Type: Water Rights Purchase and Raw Water Pipeline

Drainage Basin: Arkansas

Water Source: Arkansas – Pleasant Valley Ditch

Total Project Cost: $9,730,000

Funding Sources: CWCB, PWD, DOLA

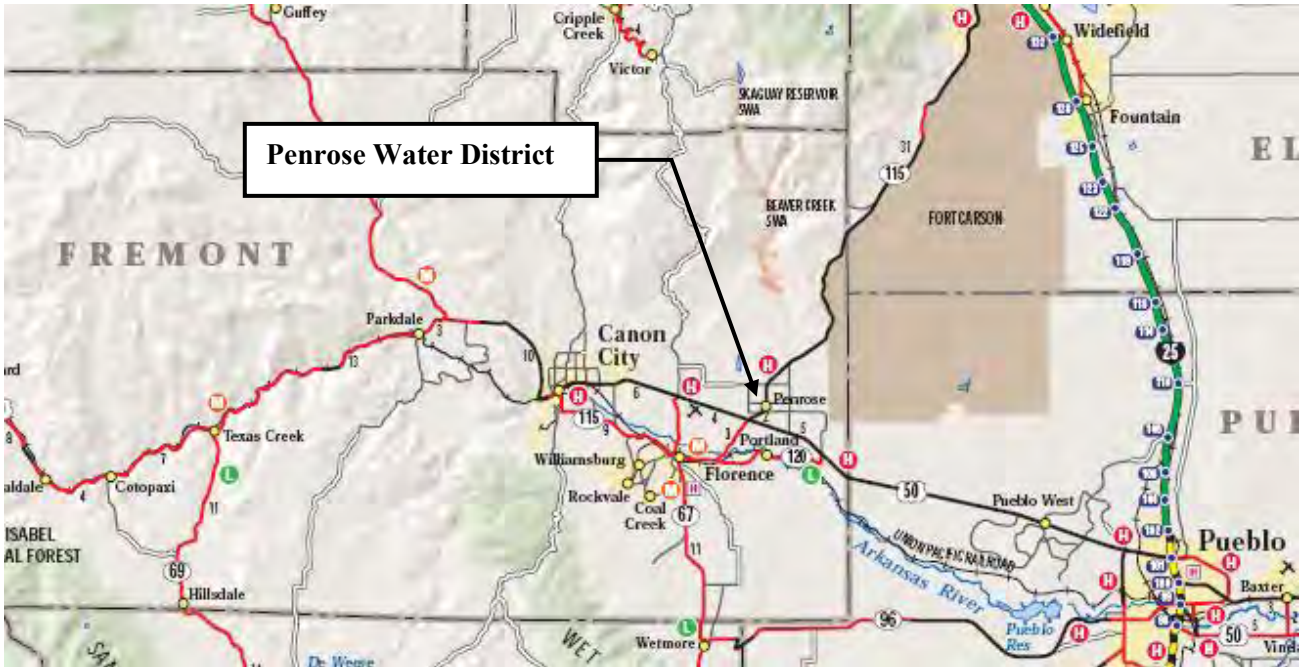
Type of Borrower: Municipal/Low

Aver. Delivery: 339 AF consumptive use

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

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

The PWD currently provides domestic water to approximately 4,000 people with 1,700 taps in and around the Town of Penrose, with existing demand of 489 acre-feet per year. PWD's water supply is obtained by a lease with the Beaver Park Water, Inc. (BPW) who owns and operates Brush Hollow Reservoir. The 1990 lease has a 30-year term, and provides an increasing amount of water each year, 751 AF in 2006, leveling out at 1,000 AF in 2020. In drought years, the amount available to PWD is further reduced below the contract amount. Future build-out demand in 2040 is projected to be 1,200 acre-feet for about 8,000 residents and 3,240 taps. The proposed Enterprise project includes the acquisition of 10/12th 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

C150341

Water Project Loan Program - Project Data Sheet

Borrower: Pisgah Reservoir and Ditch Company **County**: Teller

Project Name: Mt. Pisgah Dam/Wrights Reservoir Outlet Works Rehabilitation

Project Type: Reservoir Rehabilitation

Drainage Basin: Arkansas River, District 12

Water Source: Fourmile Creek

Total Project Cost: $362,690

Funding Sources: Construction Fund & WSRA Grant

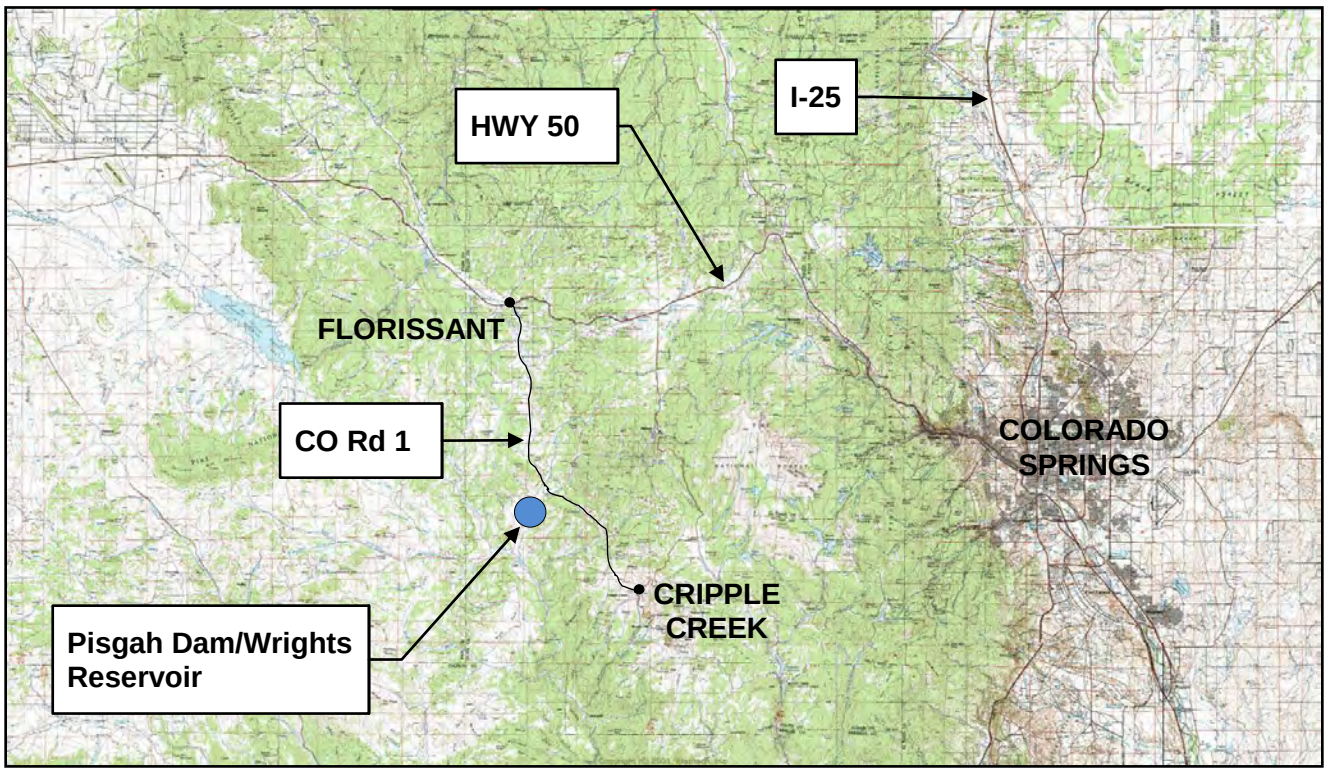
Type of Borrower: Blended (93% Ag, 7% low-income Muni)

Average Water Delivery: 86,000 AF
Water Storage: 2,192 AF

Loan Amount: $161,345 (Including 1% fee) **Interest Rate:** 1.75% **Term:** 30 years
WSRA Grant Amounts: $25,000 Arkansas Basin & $136,345 Statewide

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

LOCATION MAP



C150340

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

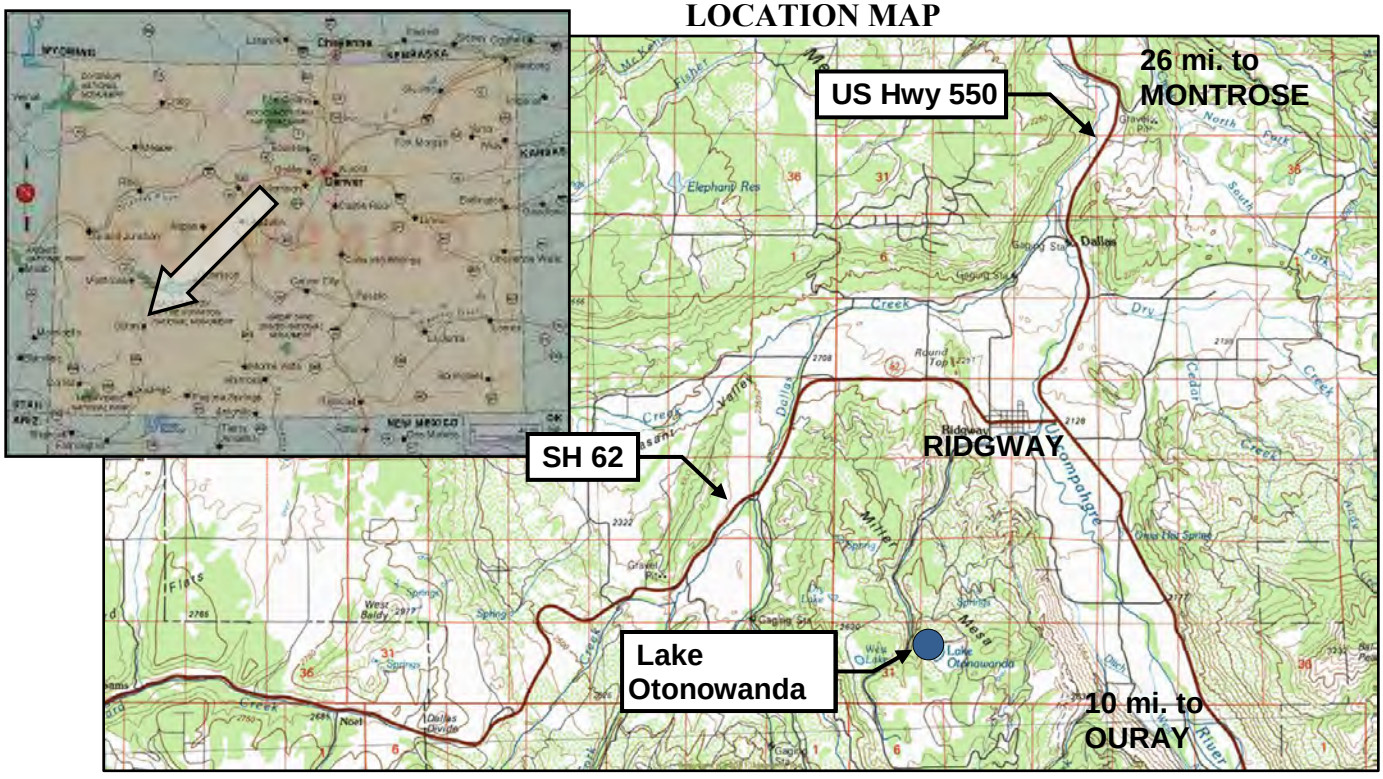
Type of Borrower: middle-income municipal

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



C150301

Water Project Loan Program - Project Data

Borrower: Riverside Ditch & Allen Extension Co.

County: Chaffee

Project Name: Phased Canal Improvements

Project Type: Ditch Rehabilitation

Drainage Basin: Arkansas

Water Source: Arkansas River

Total Project Cost: $205,000

Funding Source: Construction Fund

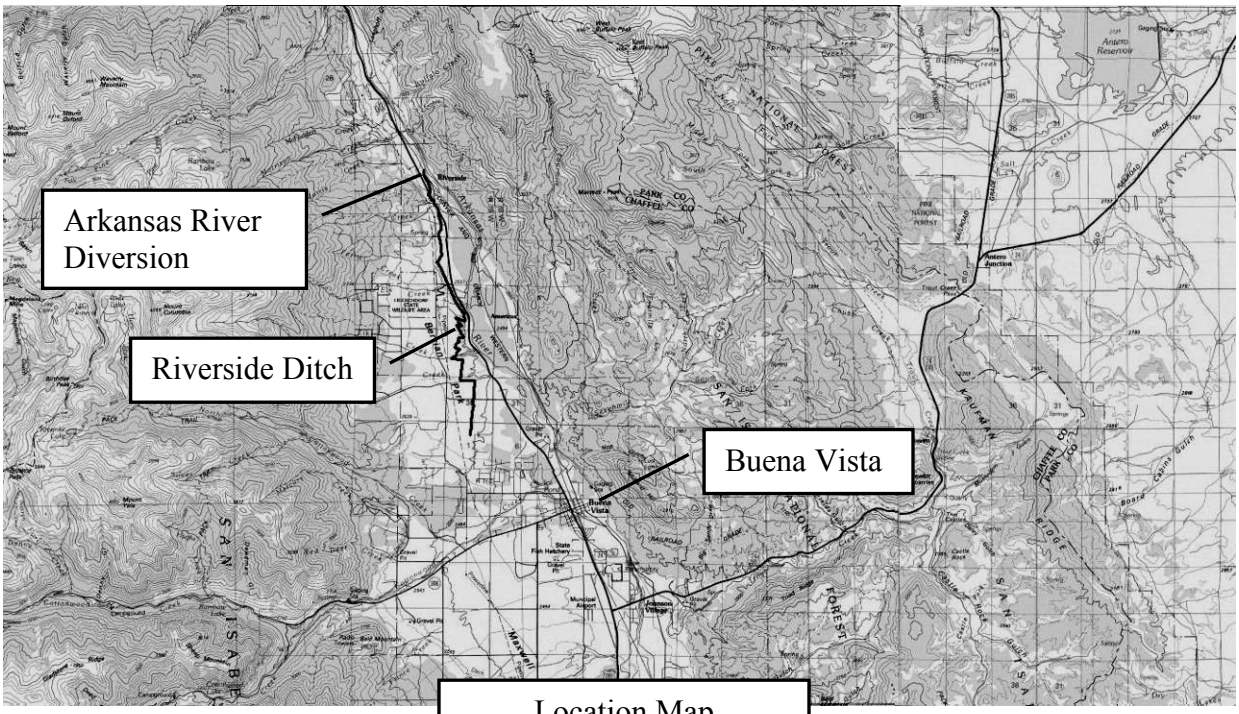
Type of Borrower: Agricultural

Average Diversion: 3,250 acre-feet

CWCB Loan: $186,345 (Including 1% fee)

Interest Rate: 2.75% **Term:** 30 years

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



Location Map

C150291

CWCB Construction Loan Program
Project Data Sheet

Borrower: Riverside Reservoir and Land Co.

County: Weld

Project Name: Emergency Spillway Project

Project Type: Reservoir Rehabilitation

Drainage Basin: South Platte

Water Source: South Platte River

Total Project Cost: $3,120,000

Funding Sources: Severance Tax Trust Fund Perpetual Base Account

Type of Borrower: Agricultural

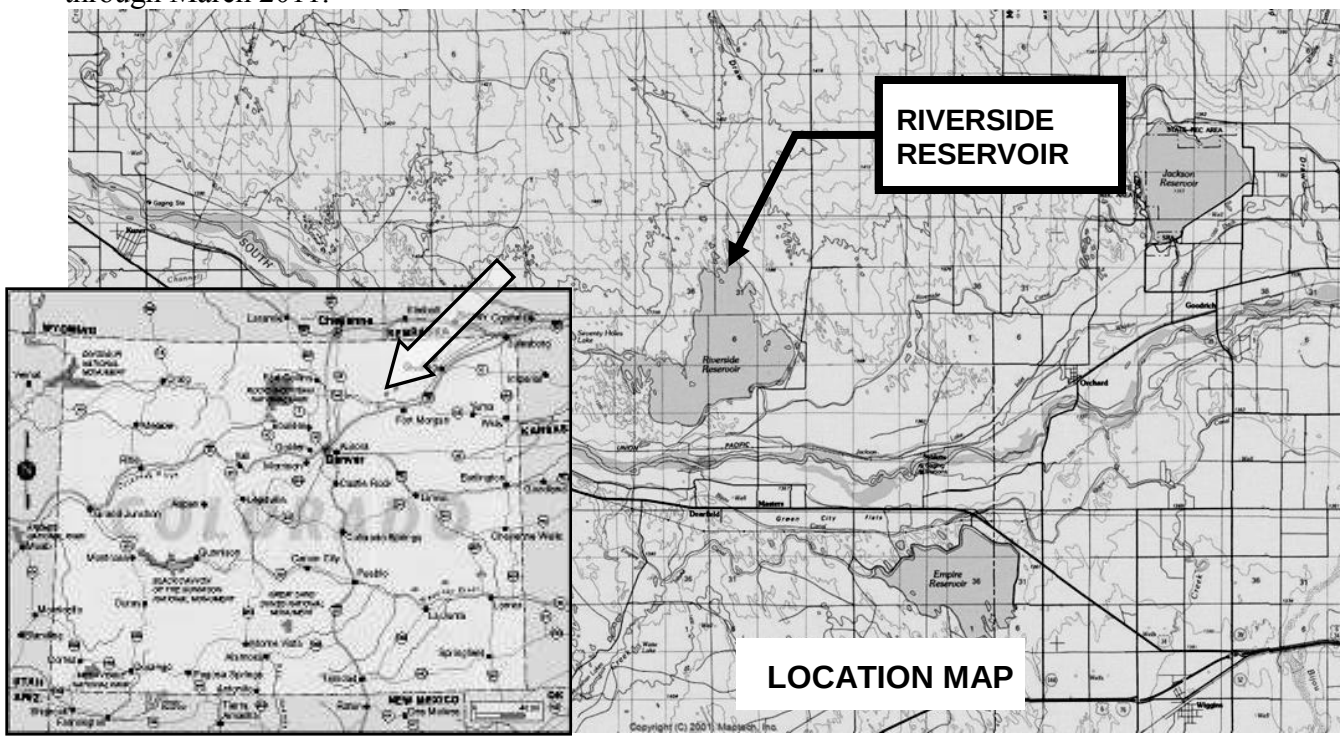
Average Delivery: 39,000 AF (from Reservoir storage) (105,000 Total AF for Company)

Loan Amount: $2,838,100 (Including 1% fee)

Interest Rate: 2.5%

Term: 30 years

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



C150346

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

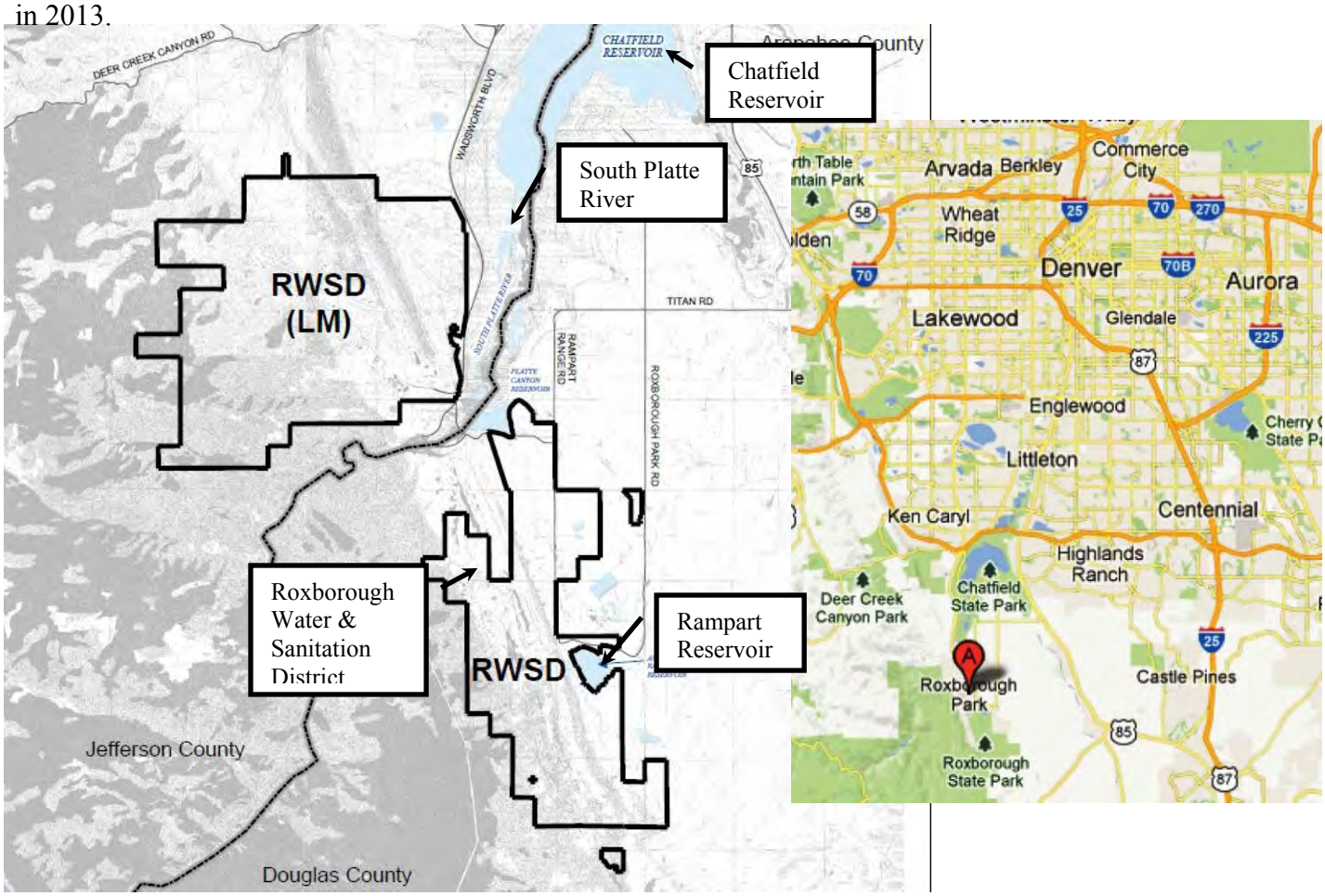
Average Annual Diversion: 1,141 AF

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 Construction Loan Program
Project Data Sheet
(Increase)

C150342

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: $2,282,000

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

Type of Borrower: Agricultural

Average Diversions: 15,000 AF

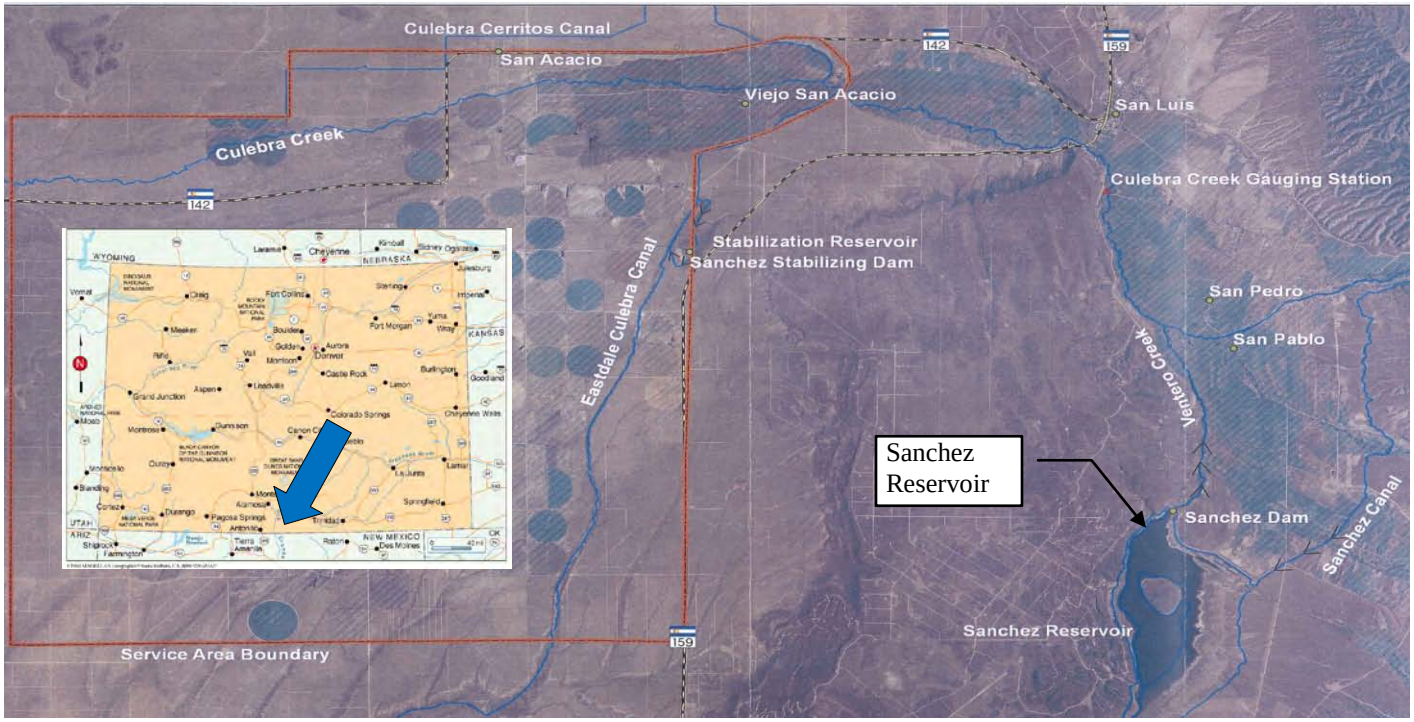
(Interest Rate Increased by 0.25% for longer term)

Loan Amount: $1,381,276 (Including 1% fee)

Interest Rate: 2.0% **Term:** 40 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; patching the outlet conduit; 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 by August 2014; bid the project in May of 2014; award the bid by August of 2014; start construction in September of 2014; complete construction by March of 2015.



CWCB Water Project Loan Program
Project Data Sheet

C150401

Borrower: The Sanford Canal Company

County: Rio Grande

Project Name: Sanford Diversion and Headgate Rehabilitation

Project Type: Ditch Rehabilitation

Drainage Basin/ District: Rio Grande / 22

Water Source: Conejos River

Total Project Cost: $213,000

Funding Source: Construction Fund, WSRA Grants

Type of Borrower: Agricultural

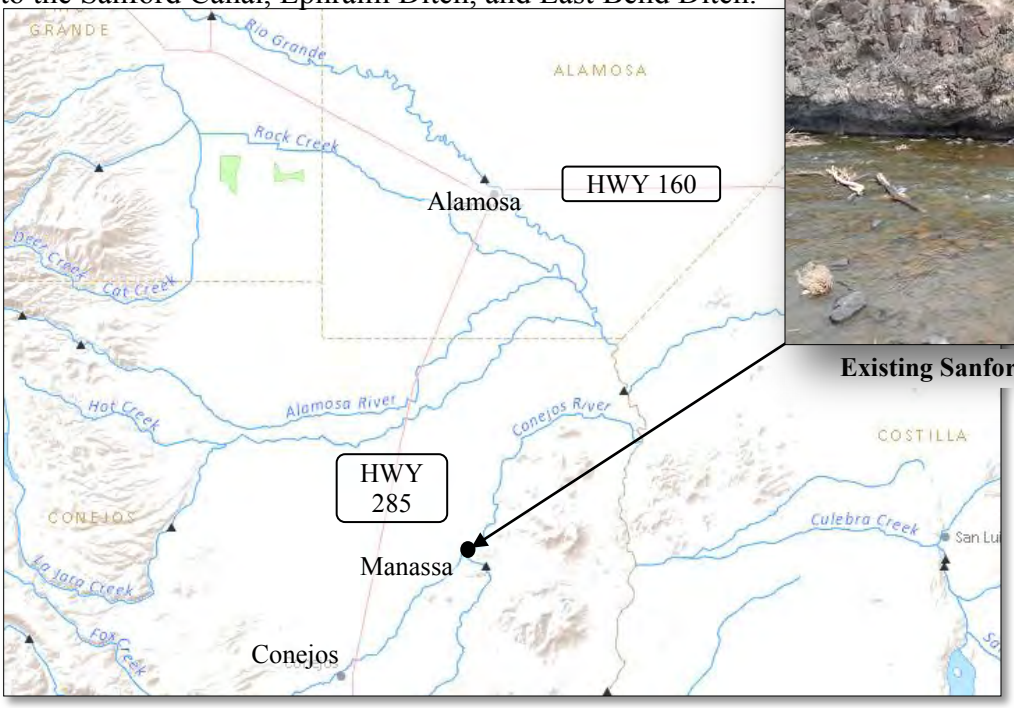
Average Annual Diversion: 4,000 AF

CWCB Loan: $101,000 (with 1% service fee)

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

The Sanford Canal Company was incorporated in 1892 as a "Colorado Water Company" and later became a Mutual Ditch Company in 1912. Its diversion is located on the Conejos River just below the confluence with the San Antonio River and has a service area covering approximately 3,000 irrigated acres. The purpose of this Project is to address the need for a well-designed diversion structure that will reduce maintenance, improve water management efficiencies, and allow for the accurate control of compact-entitled waters. The core of the Sanford Canal diversion structure has been washed away over time, contributing to decades of limited diversion to irrigators and potential over payment to the Compact. Currently irrigators divert their water right by piling debris such as tree trunks or cinderblocks to act as the diversion dam. This Project will remove and replace the diversion and headgate structures and install automated headgates and four gauging stations. Construction is expected to start by September 2014.

This Project is one of three projects collectively known as the Conejos River System Confluence Management Project, managed by the Conejos Water Conservancy District. The District has taken a proactive "whole river" system approach to water management and over the past few years have improved the efficiency and stability of many diversions, developed real-time water management data, and studied the effects on return flows from irrigated areas from groundwater withdrawals. The Confluence Management Project will extend this whole river strategy to the Confluence, specifically to the Sanford Canal, Ephraim Ditch, and East Bend Ditch.



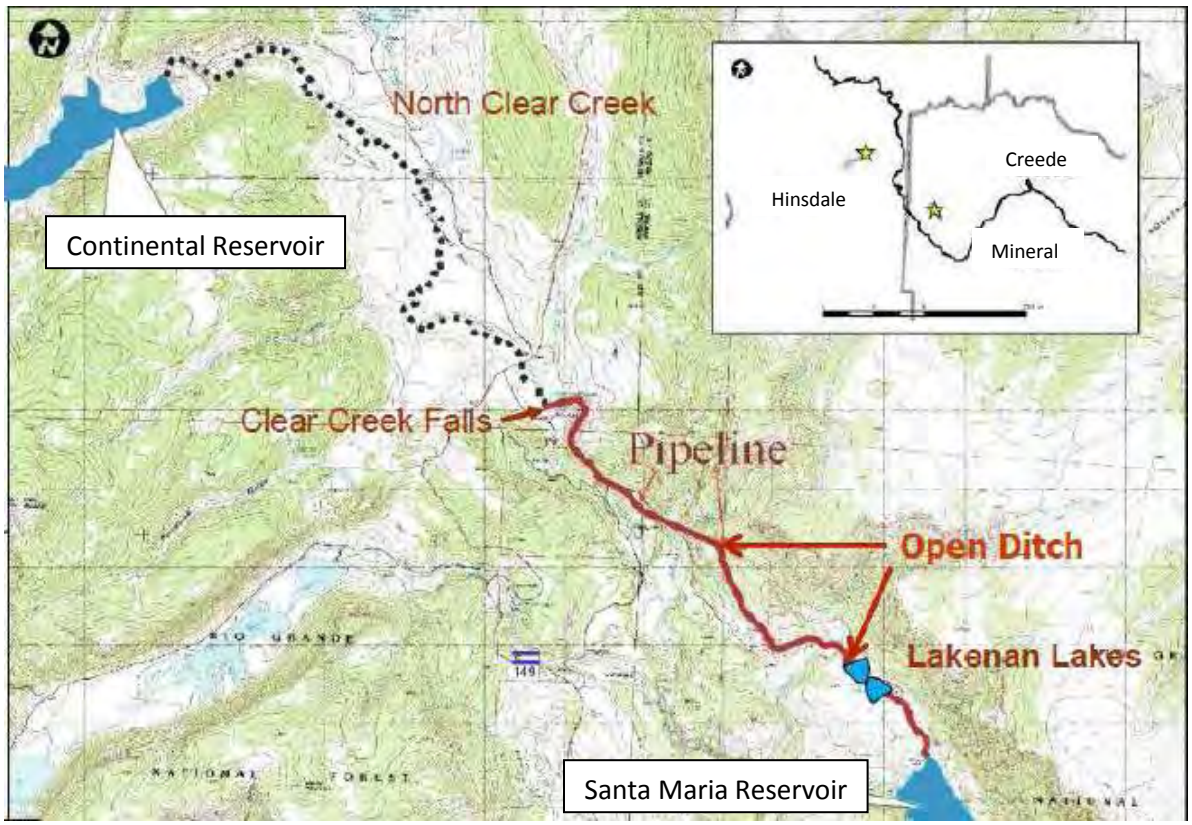
Existing Sanford Ditch Diversion

C150350

Water Project Loan Program
Project Data Sheet

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

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

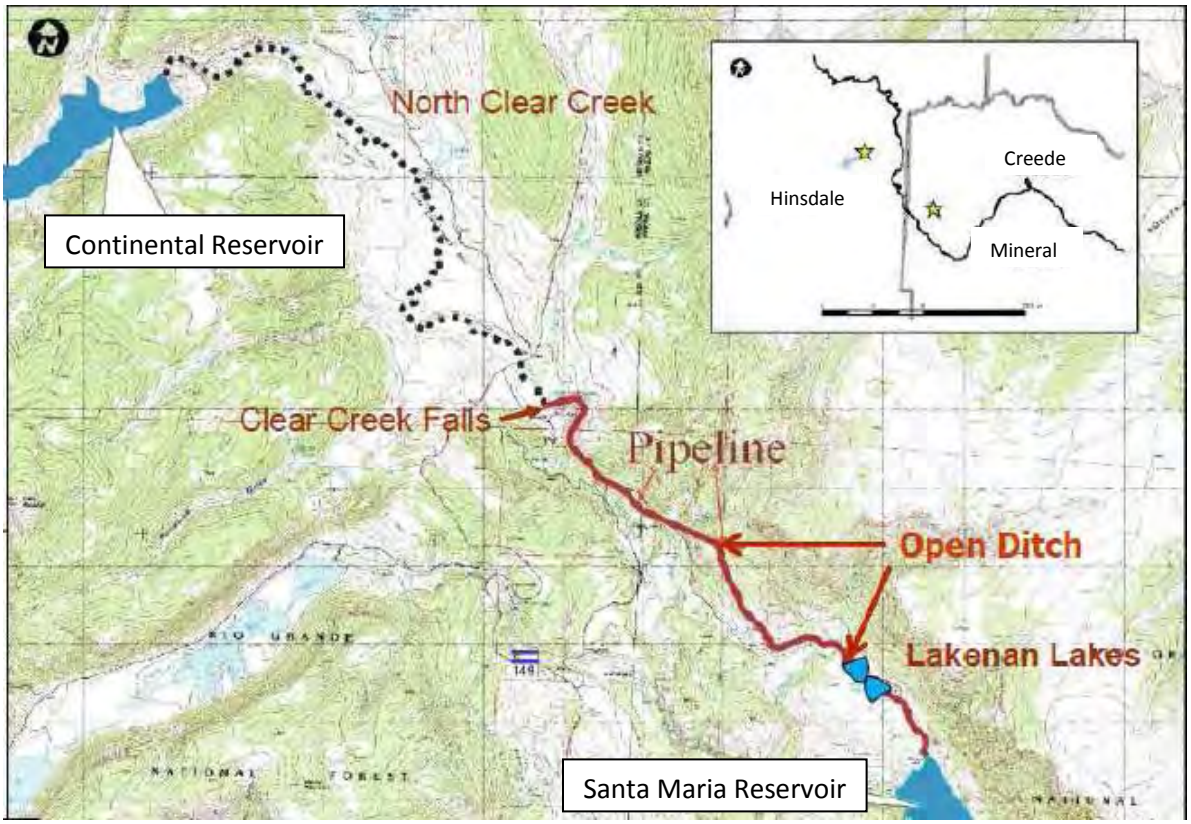


C1503565

Water Project Loan Program
Project Data Sheet

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

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



COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Emergency Sterling Ditch Rehabilitation Project

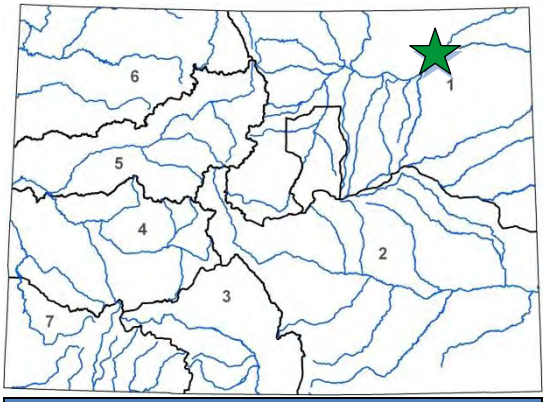
Sterling Irrigation Company

September 2014 Board Meeting

LOAN DETAILS	
Project Cost:	$123,250
CWCB Loan (with Service Fee):	$101,000
Loan Term and Interest Rate:	10 Years @ 1.50%
Funding Source:	*Severance Tax Perpetual Base Fund*

BORROWER TYPE		
Agriculture	*Municipal*	*Commercial*
100%	0% Low - 0% Mid - 0% High	0%

PROJECT DETAILS	
Project Type:	Ditch Rehabilitation
Average Annual Diversion:	21,360 AF



LOCATION			
County:			Logan
Water Source:			South Platte River
Drainage Basin:			South Platte
Division:	1	*District:*	64

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's ditch. Floodwaters entered the ditch resulting in breaches and significant sedimentation. Construction crews repaired the breaches and removed sand from the channel enabling the Company to divert its water right during the 2014 irrigation season, irrigating approximately 7,400 acres. No additional flood related repairs are expected to occur.

Cleaned out Ditch Sections

C150332

Water Project Loan Program – Project Data Sheet

Borrower: Terrace Irrigation Company

County: Conejos

Project Name: Spillway Replacement Project

Project Type: Reservoir Rehabilitation

Drainage Basin: Rio Grande River Basin, District 21

Water Source: Alamosa River

Total Project Cost: $4,500,000

Funding Source: Construction Fund

Type of Borrower: Agricultural

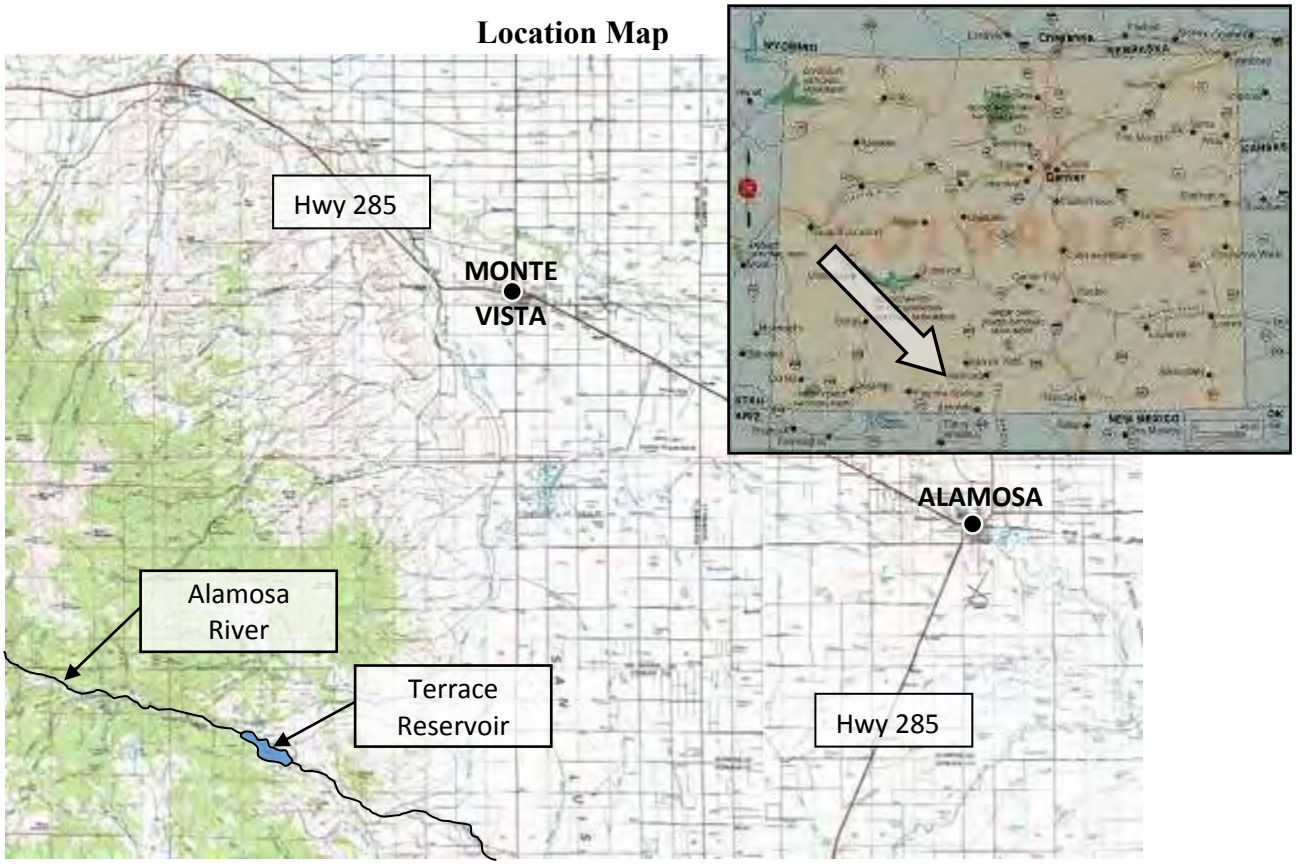
Avg. Annual Delivery: 15,339 AF

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

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

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

Location Map



Water Project Loan Program – Project Data Sheet

Borrower: Thunderbird Water and Sanitation District

County: Douglas

Project Name: Lambert Ranch Water Rights Purchase

Project Type: Water Rights Purchase

Drainage Basin: South Platte, District 8

Water Source: Denver Basin Aquifer

Total Project Cost: $350,000

Funding Source: Construction Fund

Type of Borrower: Middle-Income Municipal

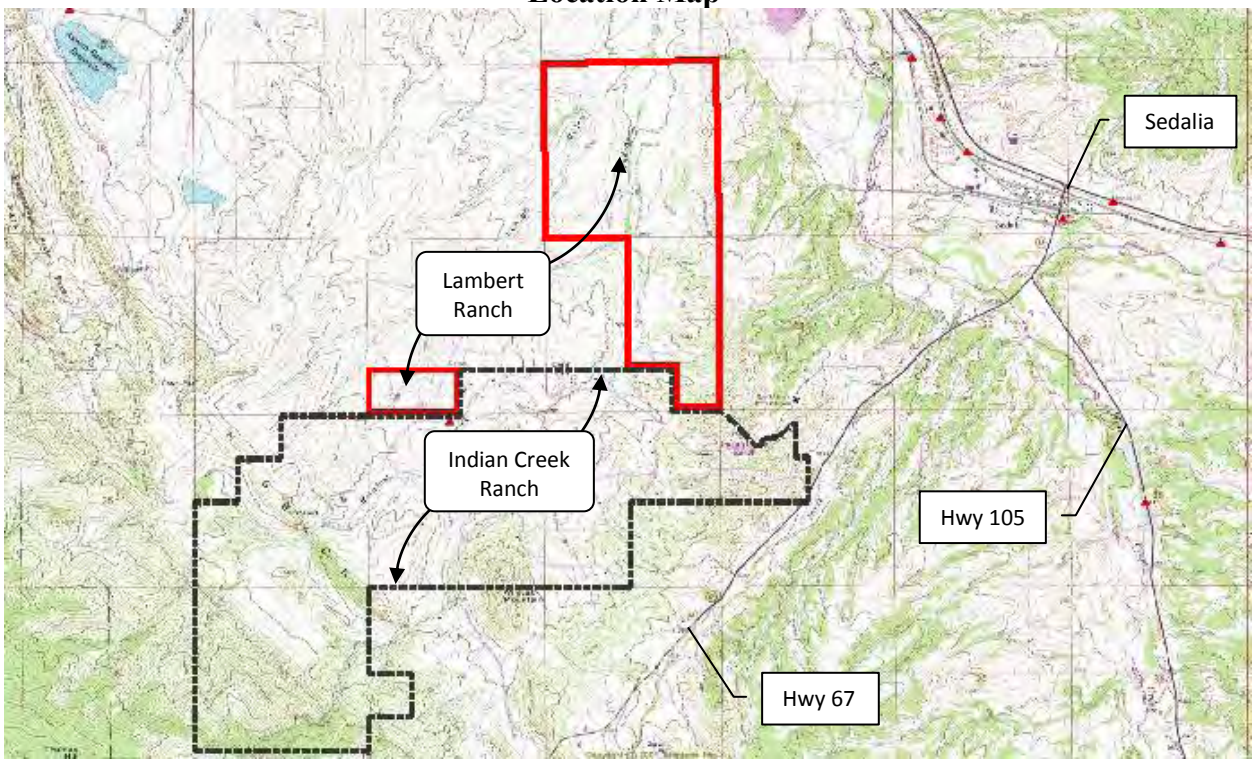
Avg. Annual Delivery: 55 AF

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

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

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

Location Map



CWCB Construction Loan Program
PROJECT DATA SHEET

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

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

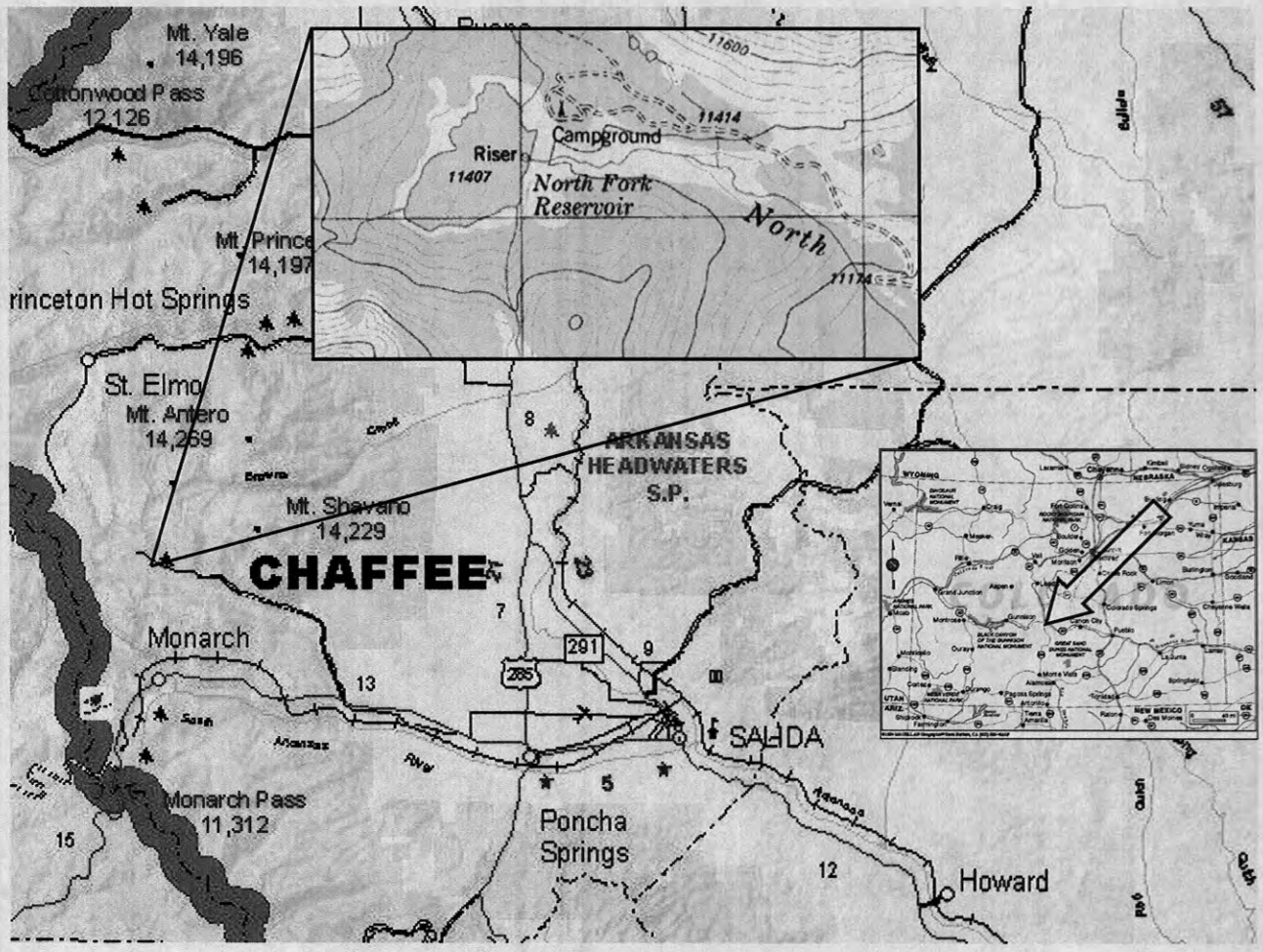
Project Type: Dam and Spillway Modifications **Water Source:** N. Fork of S. Arkansas

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

CWCB Water Project Loan Program

Project Data Sheet

Borrower:	Upper Platte & Beaver Canal Company	**County:**	Morgan
Project Name:	Hospital Road Recharge Facility and Bridge Widening Project	**Project Type:**	Augmentation
Drainage Basin/ District:	South Platte Basin Division 1, District 1	**Water Source:**	South Platte River
Total Project Cost:	$210,000	**Funding Source:**	Construction Fund
Type of Borrower:	Blended	**Average Annual Diversion:**	35,000 Acre-feet
CWCB Loan:	$190,890 (with 1% service fee)	**Interest Rate:** 1.75%	**Term:** 10 years

The Upper Platte & Beaver Canal Company desires funding to construct an augmentation pond, and, at a separate location, to widen an existing access bridge at their primary diversion along the South Platte River. The augmentation pond will enable better retiming of return flows to the river by virtue of its further location from the river than existing augmentation ponds operated by the Company. The widening of the access bridge will allow improved function and safety crossing the canal for ongoing maintenance needs.

CWCB Water Project Loan Program
Project Data Sheet

C150366

Borrower: Town of Windsor Water Enterprise

County: Larimer/Weld

Project Name: Kyger Reservoir Project

Project Type: Reservoir Construction

Drainage Basin/ District: South Platte / 3

Water Source: Cache la Poudre River

Total Project Cost: $6,300,000

Funding Source: Construction Fund

Type of Borrower: Municipal (High)

Average Annual Delivery: 2035 AF

CWCB Loan: $4,545,000
(with 1% service fee)

Interest Rate: 2.75% **Term:** 20-years

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

CWCB Water Project Loan Program
Project Data Sheet

C150408

Borrower: Cottonwood Water & Sanitation District

County: Douglas & Arapahoe

Project Name: Water Infrastructure and Supply (WISE) Efficiency Project

Project Type: New Water Supply

Drainage Basin/ District: South Platte / 8

Water Source: South Platte

Total Project Cost: $4,960,000

Funding Source: Construction Fund

Type of Borrower: High-Income Municipal

Average Annual Delivery: 789 AF

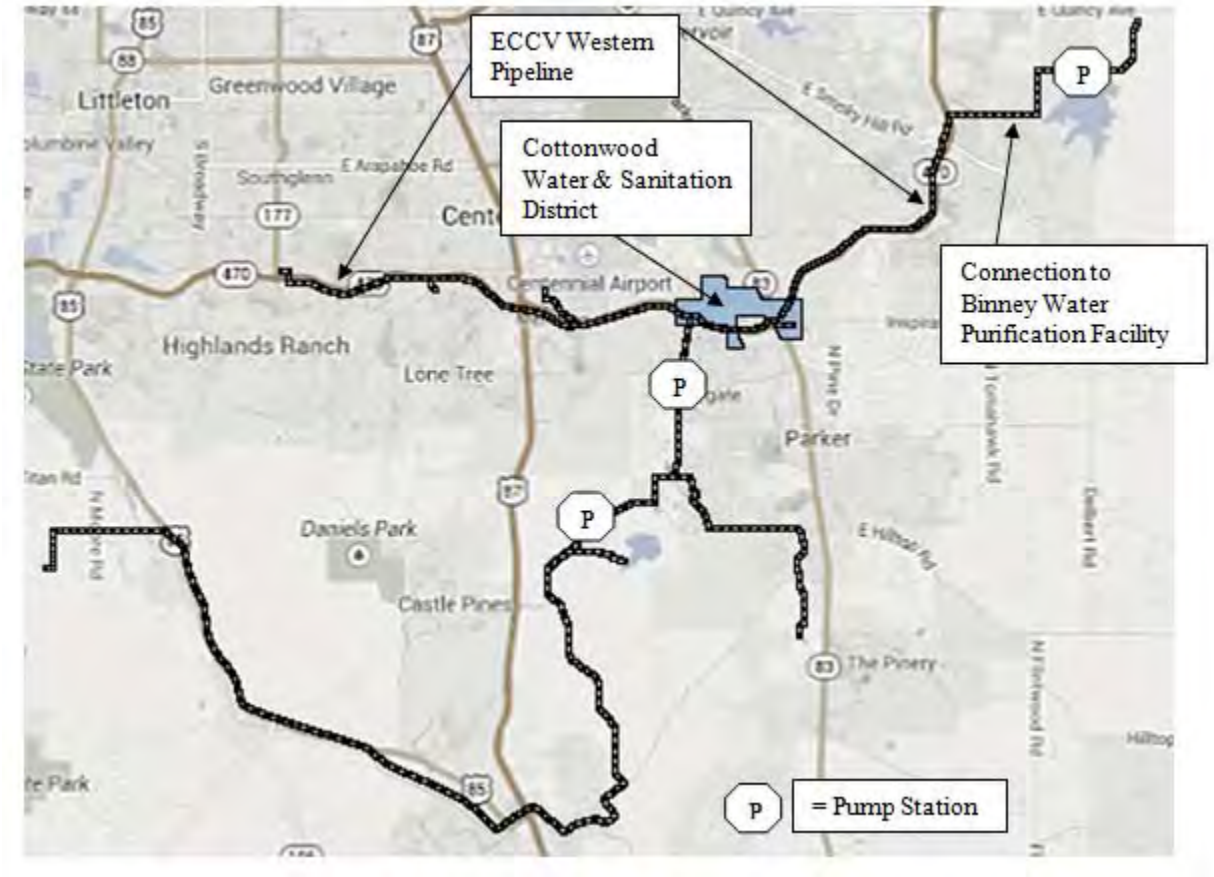
CWCB Loan: $4,508,640 (with 1% service fee)

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

In 1981, the Cottonwood Water & Sanitation District was formed, pursuant to Title 32 C.R.S., to provide water supply and treatment systems for customers within its service area.

Cottonwood's local project infrastructure components will extend from an existing tee located on the ECCV Western Pipeline, where a below-grade vault with flow control and metering equipment will be installed. From this location 500 feet of 36-inch pipe will be installed to connect to an existing Cottonwood pipeline. In addition, Cottonwood will also participate in a Rueter-Hess Reservoir fill pipeline and pump station being constructed by Parker.

The WISE Project is the result of regional cooperative planning efforts between Denver Water, Aurora Water, and 10 regional water providers in the south metropolitan area. The South Metro WISE Authority (WISE Authority) is comprised of ten governmental water providers in Douglas and Arapahoe Counties bound together by a 2013 Intergovernmental Agreement. The WISE Project will reduce dependence on non-renewable groundwater resources.



CWCB Water Project Loan Program
Project Data Sheet

C150409

Borrower: Inverness Water & Sanitation District

County: Douglas & Arapahoe

Project Name: Water Infrastructure and Supply (WISE) Efficiency Project

Project Type: New Water Supply

Drainage Basin/ District: South Platte / 8

Water Source: South Platte

Total Project Cost: $5,400,000

Funding Source: Construction Fund

Type of Borrower: High-Income Municipal

Average Annual Delivery: 1,100 AF

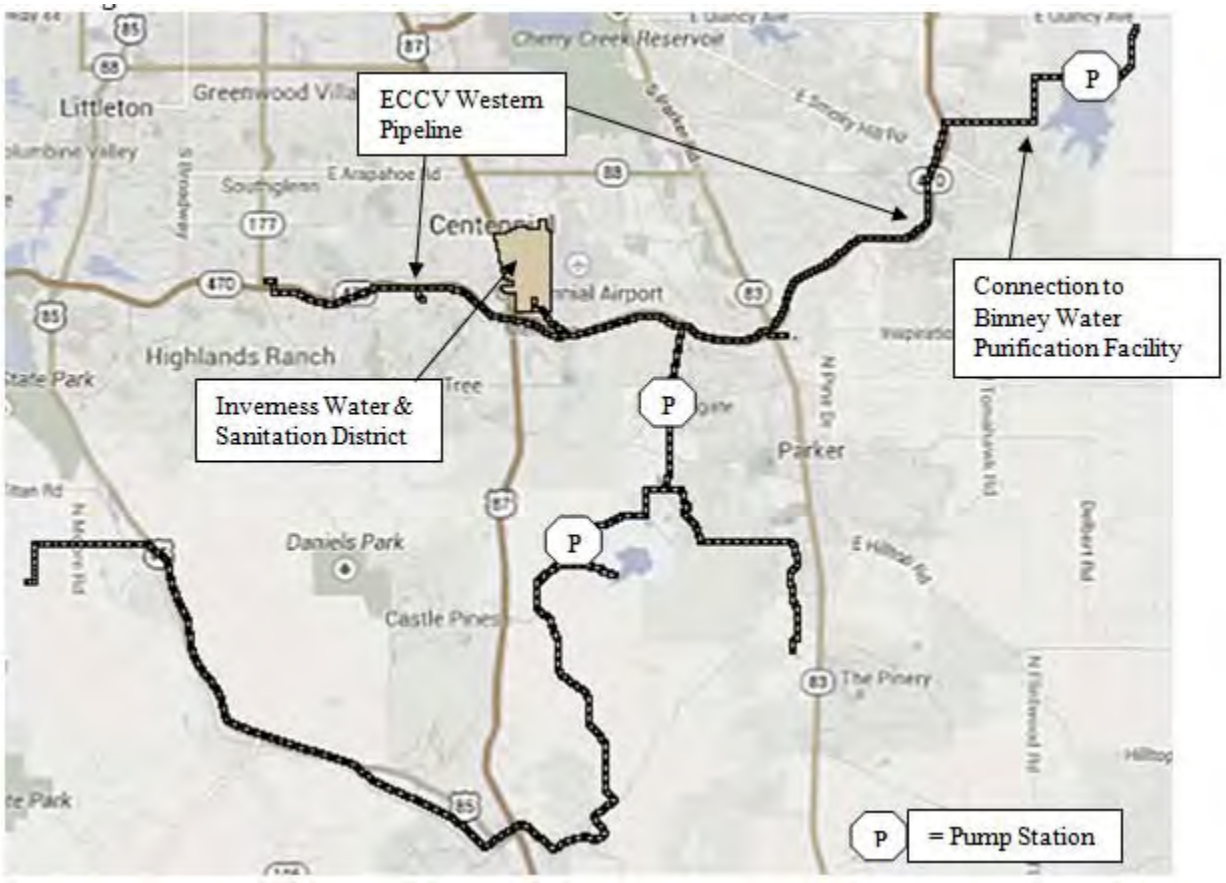
CWCB Loan: $4,908,600 (with 1% service fee)

Interest Rate: 2.75% **Term:** 20 years

In 1973, Inverness was formed pursuant to Article 1 of Title 32 C.R.S. to provide water supply and treatment systems for the customers within their service area.

Inverness will have a connection to the East Cherry Creek Valley (ECCV) Western Pipeline near the intersection of South Jamaica Street and E-470. Immediately downstream of the connection will be a below-grade vault with flow control and metering equipment. Downstream of the vault will be approximately 1,800 feet of 10-inch pipe to connect to the existing Inverness distribution system.

The WISE Project is the result of regional cooperative planning efforts between Denver Water, Aurora Water, and 10 regional water providers in the south metropolitan area. The South Metro WISE Authority (WISE Authority) is comprised of ten governmental water providers in Douglas and Arapahoe Counties bound together by a 2013 Intergovernmental Agreement. The WISE Project will reduce dependence on non-renewable groundwater resources.



CWCB Water Project Loan Program
Project Data Sheet

C150410

Borrower: Parker Water & Sanitation District

County: Douglas & Arapahoe

Project Name: Water Infrastructure and Supply (WISE) Efficiency Project

Project Type: New Water Supply

Drainage Basin/ District: South Platte / 8

Water Source: South Platte

Total Project Cost: $17,305,500

Funding Source: Construction Fund

Type of Borrower: High-income Municipal

Average Annual Delivery: 5,000 AF

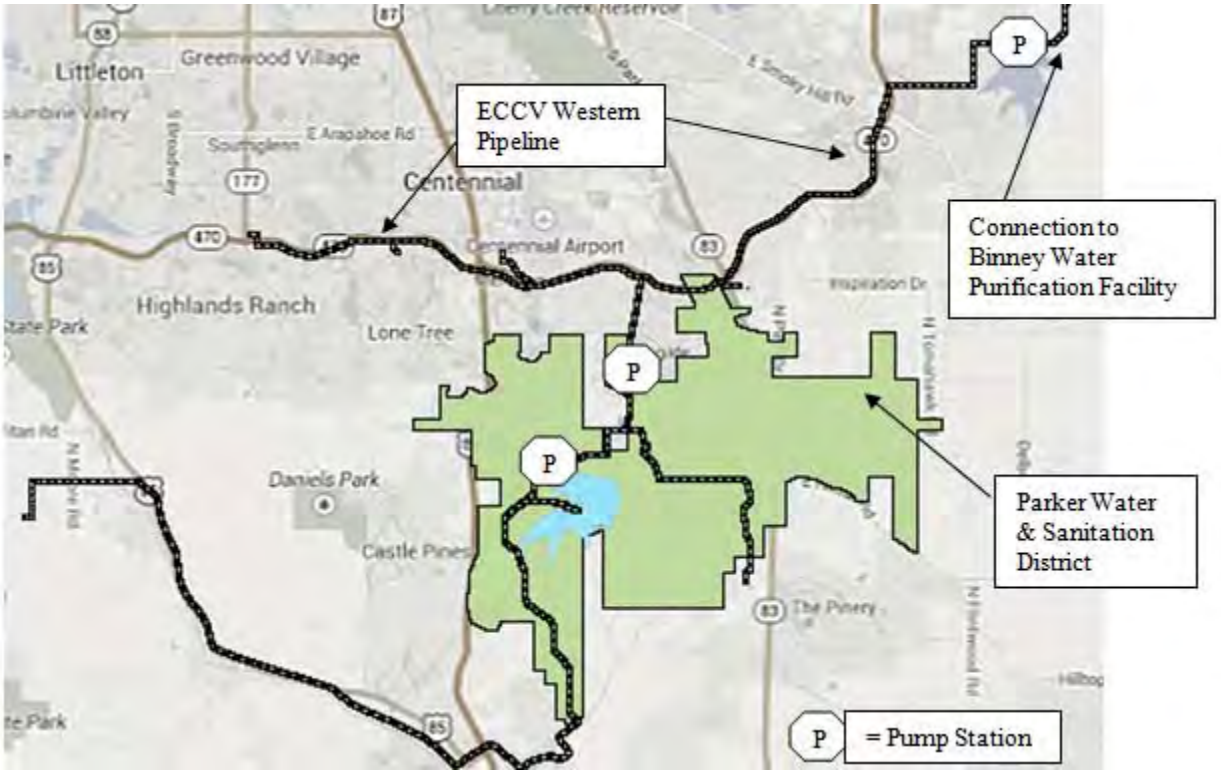
CWCB Loan: $15,734,790 (with 1% service fee)

Interest Rate: 2.75% **Term:** 20 years

Parker Water and Sanitation District is a quasi-municipal corporation and political subdivision of the State of Colorado created in 1962 in Douglas County, for the purpose of providing water and sanitary sewer services its users.

Parker will take the lead on construction of 20,300 feet of new 42-inch pipeline from near the intersection of Chambers Road and E-470 to the Parker Water Treatment Plant located just south of Rueter-Hess Reservoir. Southward from the treatment plant a 16.5 million gallons per day pumping station will be constructed, followed by 9,000 feet of new 24-inch pipe that will allow WISE water to be conveyed to Rueter-Hess Reservoir for storage. Parker's facilities will oversized for use by other WISE Authority members.

The WISE Project is the result of regional cooperative planning efforts between Denver Water, Aurora Water, and 10 regional water providers in the south metropolitan area. The South Metro WISE Authority (WISE Authority) is comprised of ten governmental water providers in Douglas and Arapahoe Counties bound together by a 2013 Intergovernmental Agreement. The WISE Project will reduce dependence on non-renewable groundwater resources.



CWCB Water Project Loan Program
Project Data Sheet

C150411

Borrower: Denver Southeast Suburban Water and Sanitation District (dba Pinery Water and Wastewater District)

County: Douglas

Project Name: Water Infrastructure and Supply (WISE) Efficiency Project

Project Type: New Water Supply

Drainage Basin/ District: South Platte / 8

Water Source: South Platte

Total Project Cost: $10,920,000

Funding Source: Construction Fund

Type of Borrower: High-income Municipal

Average Annual Delivery: 2,837 AF

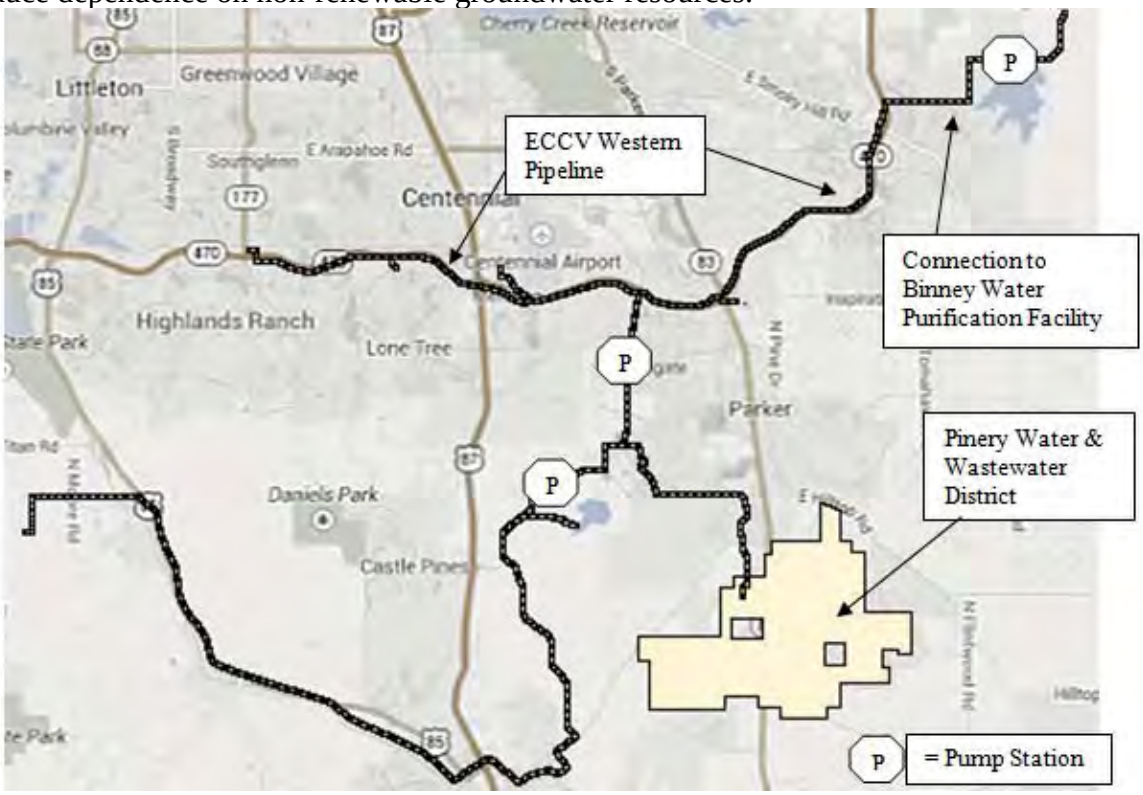
CWCB Loan: $9,926,280 (with 1% service fee)

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

In 1965, the District was formed as the Denver Southeast Suburban Water and Sanitation District. The District has been providing water and wastewater services since 1971 to its predominately residential customers.

The District will participate in Parker's WISE infrastructure components including 20,300 feet of new 42-inch pipeline from near the intersection of Chambers Road and E-470 to the Parker Water Treatment Plant located just south of Rueter-Hess Reservoir. At the Parker Water Treatment Plant site a new 16.5 million gallons per day pumping station will be constructed. Downstream of the pumping station 9,000 feet of new 24-inch pipe will be constructed that will allow WISE water to be conveyed to Reuter-Hess Reservoir for storage. In addition, Pinery will construct about 6,200 feet of 12-inch pipeline to deliver water to an existing finished water distribution system pumping station.

The WISE Project is the result of regional cooperative planning efforts between Denver Water, Aurora Water, and 10 regional water providers in the south metropolitan area. The South Metro WISE Authority (WISE Authority) is comprised of ten governmental water providers in Douglas and Arapahoe Counties bound together by a 2013 Intergovernmental Agreement. The WISE Project will reduce dependence on non-renewable groundwater resources.



Projects Not Under Contract

CWCB Water Project Loan Program
Project Data Sheet

C150403

Borrower: Castle Pines Metropolitan District

County: Douglas

Project Name: Chatfield Reallocation Project

Project Type: Reservoir Storage

Drainage Basin: South Platte

Water Source: South Platte River
Plum Creek

Total Project Cost: $5,550,000

Funding Source: Severance Tax Perpetual Base Fund

Type of Borrower: High-income Municipal

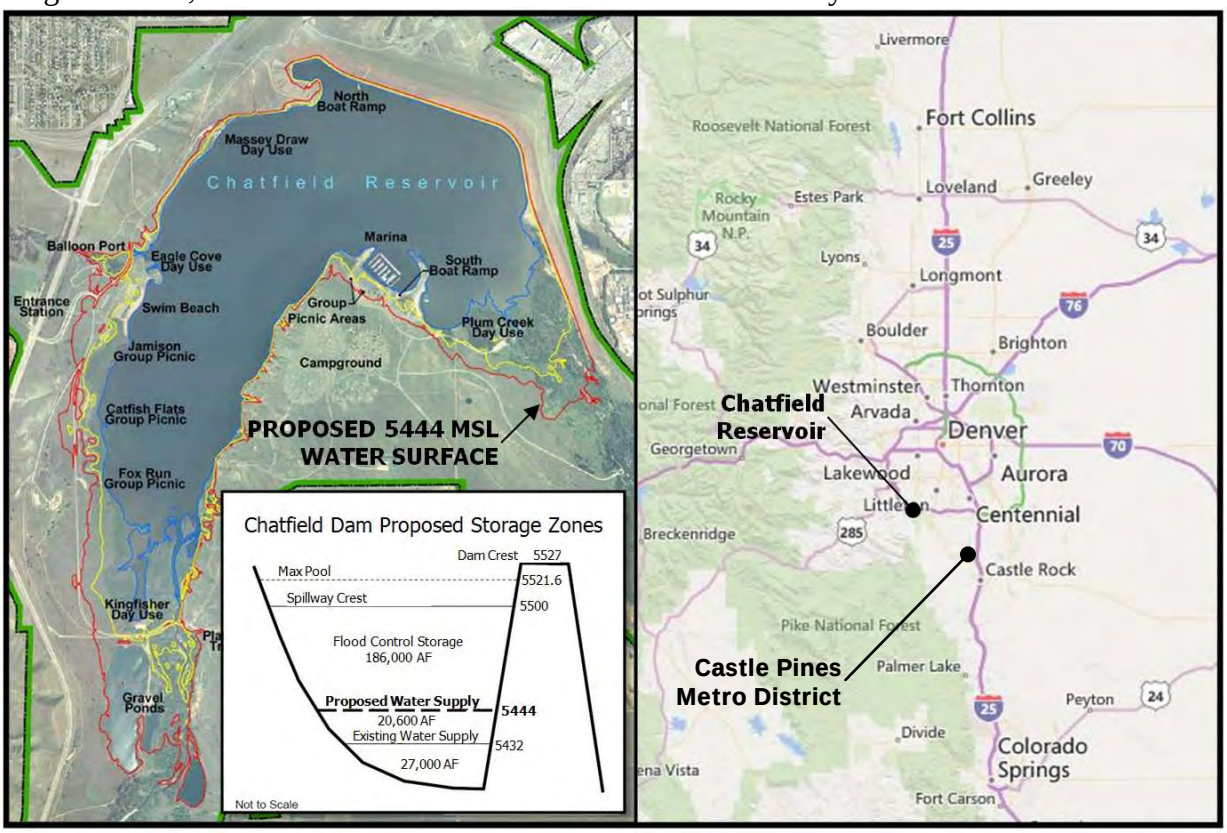
Average Annual Delivery: 1,056 AF
Added Water Supply Storage: 786.7 AF

CWCB Loan: $5,050,000 (with 1% service fee)

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

The Castle Pines Metropolitan District provides water and wastewater services to the residents and businesses of Castle Pines Village in Douglas County. The District is participating in the Chatfield Reallocation Project in order to increase the permanence and reliability of its water supply. Successful completion of the Project would result in the District securing renewable water rights that on average would supply 32% of its average annual water demand. Of the 20,600 acre-feet proposed to be reallocated, the District would receive 786.7 acre-feet of storage, or 3.82% of the total reallocation. The District will use Chatfield storage through an exchange on east Plum Creek as authorized in water court Case No 04CW308.

The US Army Corps of Engineers issued the Project's Feasibility Report and Environmental Impact Statement (FR/EIS) in July 2013 and a Record of Decision is expected in 2014. The Selected Alternative recommended in the Final FR/EIS will provide 20,600 acre-feet of storage in Chatfield between the elevations 5432 and 5444 msl for M&I water supply and other purposes including agriculture, environmental restoration, and recreation and fishery habitat protection and enhancement. Project participants completed the Project's Fish, Wildlife and Recreation Mitigation Plan, in accordance with C.R.S. 37-60-122.2 in January 2014.



CWCB Water Project Loan Program
Project Data Sheet

C150404

Borrower: Castle Pines North Metropolitan District
County: Douglas

Project Name: Chatfield Reallocation Project
Project Type: Reservoir Storage

Drainage Basin: South Platte
Water Source: South Platte River, Plum Creek

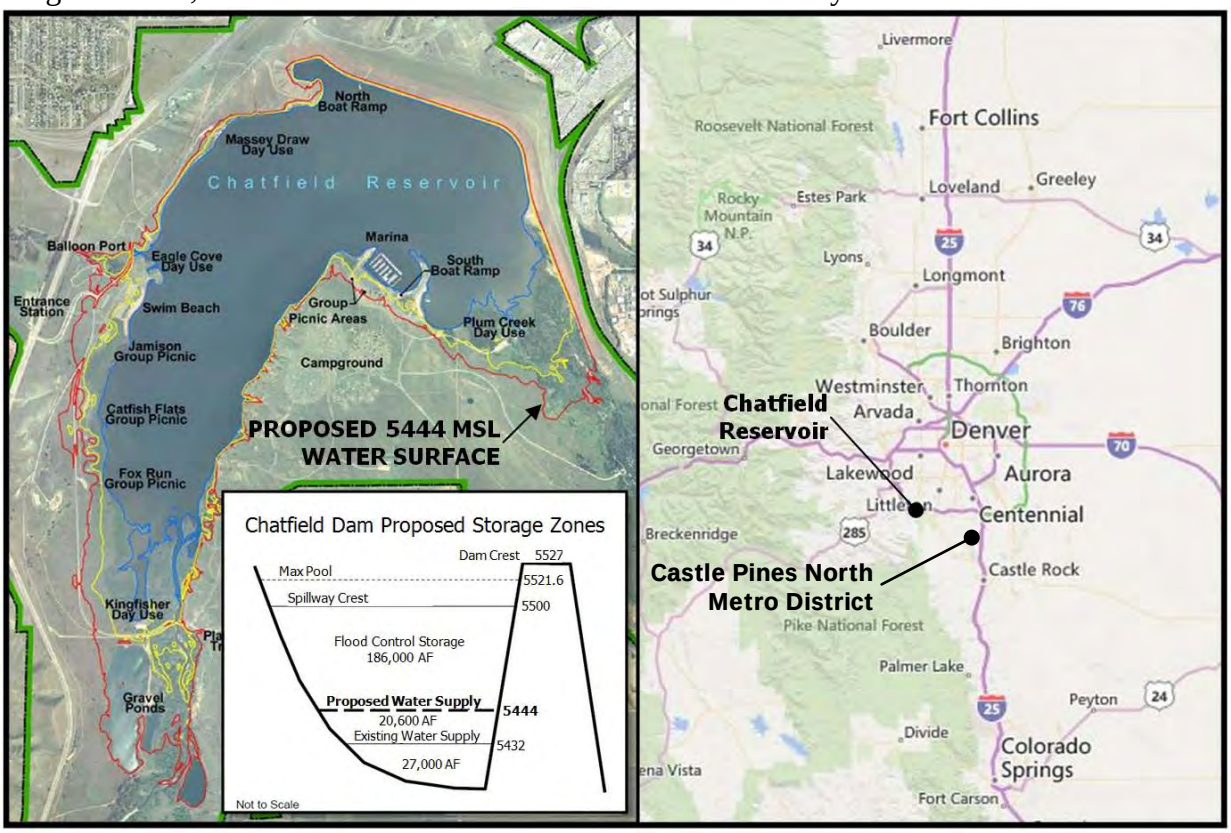
Total Project Cost: $7,100,000
Funding Source: Severance Tax Perpetual Base Fund

Type of Borrower: High-income Municipal
Average Annual Delivery: 1,300 AF
Added Water Supply Storage: 1005.8 AF

CWCB Loan: $6,453,900 (with 1% service fee)
Interest Rate: 3.0% **Term:** 30-years

The Castle Pines North Metropolitan District provides water and wastewater services to the residents and businesses in the City of Castle Pines, Douglas County. The District is participating in the Chatfield Reallocation Project in order to increase the permanence and reliability of its water supply. Successful completion of the Project would result in the District securing renewable water rights that on average would supply 32% of its average annual water demand. Of the 20,600 acre-feet proposed to be reallocated, the District would receive 1005.8 acre-feet of storage, or 4.88% of the total reallocation. The District will use Chatfield storage through exchanges as authorized in water court Case Nos. 04CW308 and 09CW279.

The US Army Corps of Engineers issued the Project's Feasibility Report and Environmental Impact Statement (FR/EIS) in July 2013 and a Record of Decision is expected in 2014. The Selected Alternative recommended in the Final FR/EIS will provide 20,600 acre-feet of storage in Chatfield between the elevations 5432 and 5444 msl for M&I water supply and other purposes including agriculture, environmental restoration, and recreation and fishery habitat protection and enhancement. Project participants completed the Project's Fish, Wildlife and Recreation Mitigation Plan, in accordance with C.R.S. 37-60-122.2 in January 2014.



CWCB Water Project Loan Program
Project Data Sheet

C150405

Borrower: Centennial Water & Sanitation District **County**: Douglas

Project Name: Chatfield Reallocation Project

Project Type: Reservoir Storage

Drainage Basin: South Platte

Water Source: South Platte River
Plum Creek

Total Project Cost: $48,888,000

Funding Source: Severance Tax Perpetual Base Fund

Type of Borrower: High-income Municipal

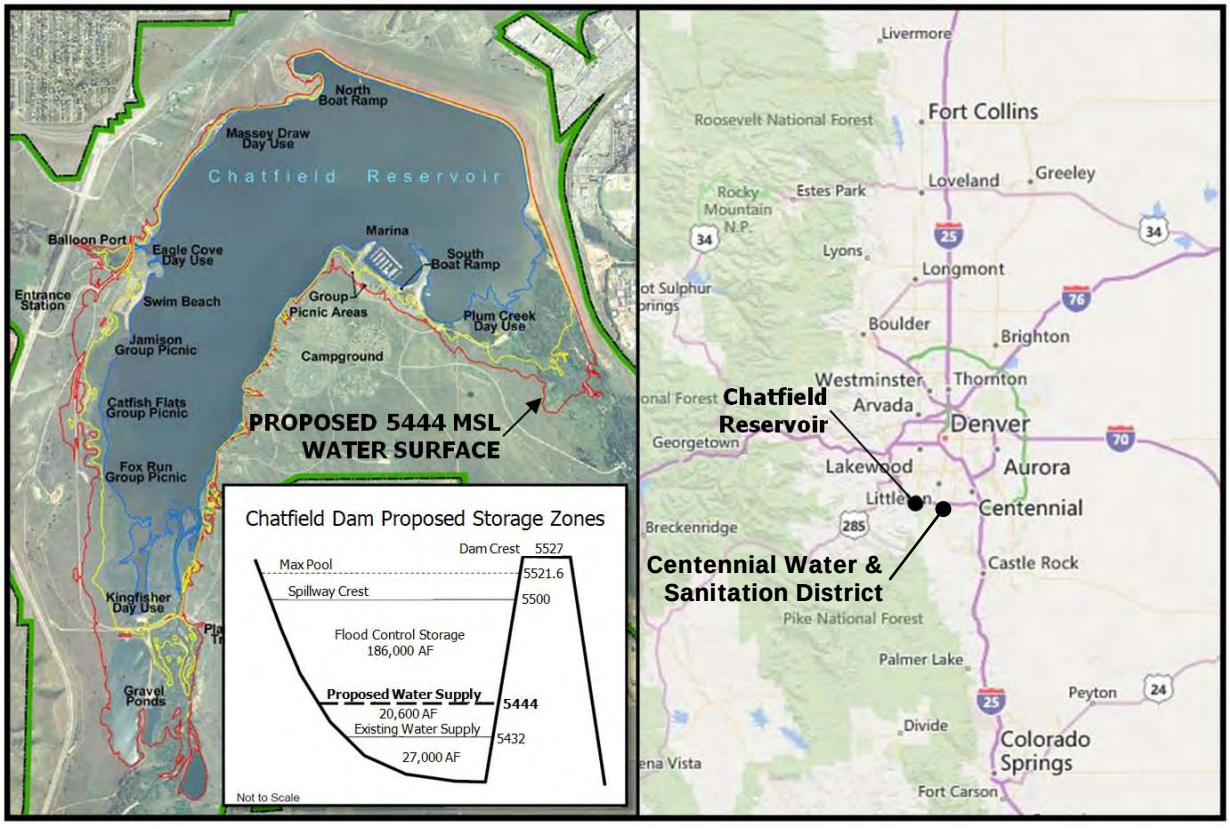
Average Annual Delivery: 17,500 AF

Added Water Supply Storage: 6,922.1 AF

CWCB Loan: $44,440,000 (with 1% service fee) **Interest Rate:** 3.0% **Term:** 30-years

The Centennial Water & Sanitation District provides water and wastewater services to the residents and businesses of Highlands Ranch in Douglas County. The District is participating in the Chatfield Reallocation Project in order to increase the permanence and reliability of its water supply. Successful completion of the Project would result in the District securing renewable water rights that on average would supply 16% of its average annual water demand. Of the 20,600 acre-feet proposed to be reallocated, the District would receive 6,922.1 acre-feet of storage, or 33.6% of the total reallocation. The District will store Chatfield water in accordance with water court Case Nos. 83CW184, 84CW411, and 85CW314.

The US Army Corps of Engineers issued the Project's Feasibility Report and Environmental Impact Statement (FR/EIS) in July 2013 and a Record of Decision is expected in 2014. The Selected Alternative recommended in the Final FR/EIS will provide 20,600 acre-feet of storage in Chatfield between the elevations 5432 and 5444 msl for M&I water supply and other purposes including agriculture, environmental restoration, and recreation and fishery habitat protection and enhancement. Project participants completed the Project's Fish, Wildlife and Recreation Mitigation Plan, in accordance with C.R.S. 37-60-122.2 in January 2014.



CWCB Water Project Loan Program
Project Data Sheet

C150406

Borrower: Center of Colorado Water Conservancy District

County: Park

Project Name: Chatfield Reallocation Project

Project Type: Reservoir Storage

Drainage Basin: South Platte

Water Source: South Platte River
Plum Creek

Total Project Cost: $931,000

Funding Source: Severance Tax Perpetual Base Fund

Type of Borrower: Middle-income Municipal

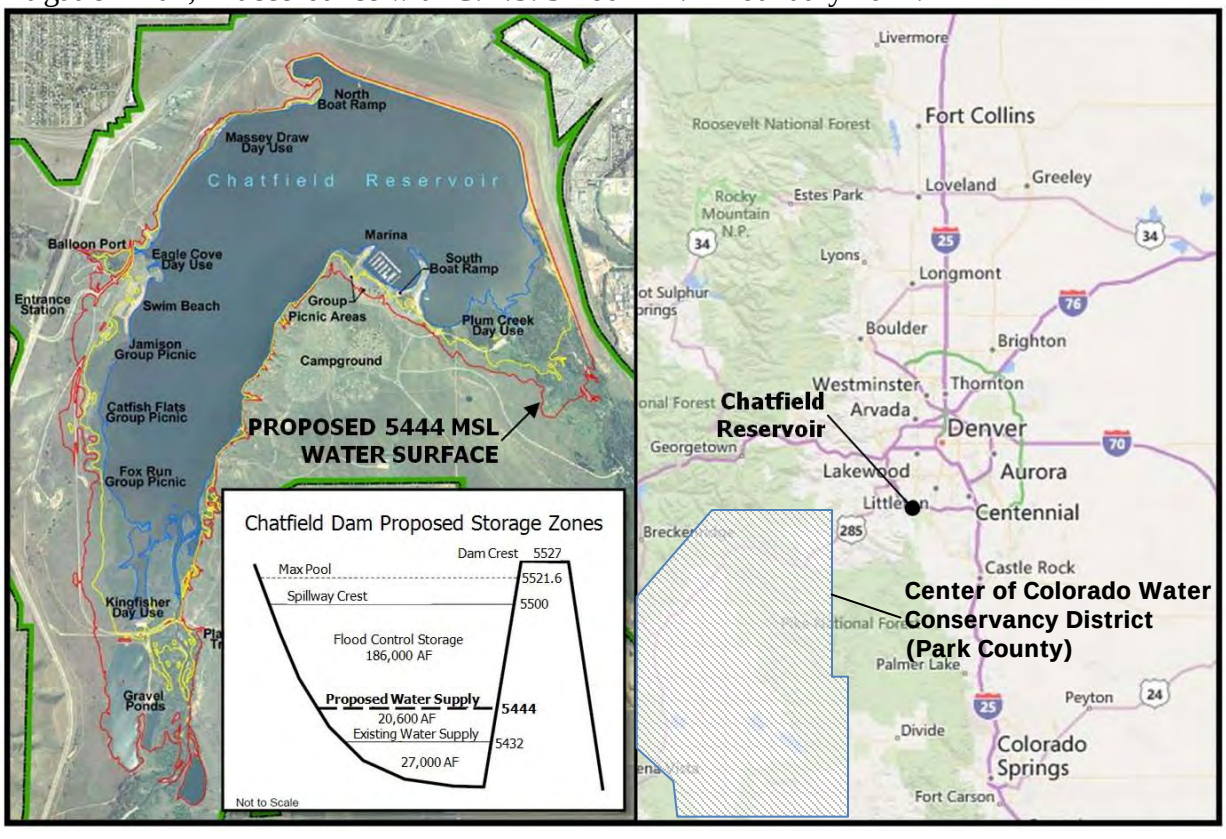
Average Annual Diversion: 700 AF

Added Water Supply Storage: 131.3 AF

CWCB Loan: $606,000 (with 1% service fee) **Interest Rate:** 2.5% **Term:** 15-years

The Center of Colorado Water Conservancy District co-owns and manages a blanket augmentation plan with the Upper South Platte Water Conservancy District through the Headwater Authority of the South Platte. The District is participating in the Chatfield Reallocation Project in order to improve its augmentation operations by needed storage space at the lower reaches of its augmentation plan. Of the 20,600 acre-feet proposed to be reallocated, the District would receive 131.3 acre-feet of storage, or 0.64% of the total reallocation. The District will use Chatfield storage to store senior and junior rights as authorized in water court Case Nos. 12CW50 and 13CW3148.

The US Army Corps of Engineers issued the Project's Feasibility Report and Environmental Impact Statement (FR/EIS) in July 2013 and a Record of Decision is expected in 2014. The Selected Alternative recommended in the Final FR/EIS will provide 20,600 acre-feet of storage in Chatfield between the elevations 5432 and 5444 msl for M&I water supply and other purposes including agriculture, environmental restoration, and recreation and fishery habitat protection and enhancement. Project participants completed the Project's Fish, Wildlife and Recreation Mitigation Plan, in accordance with C.R.S. 37-60-122.2 in January 2014.



CWCB Water Project Loan Program
Project Data Sheet

C150407

Borrower: Central Colorado Water Conservancy District
County: Adams, Weld
Project Name: Chatfield Reallocation Project
Project Type: Reservoir Storage

Drainage Basin: South Platte
Water Source: South Platte River
Plum Creek

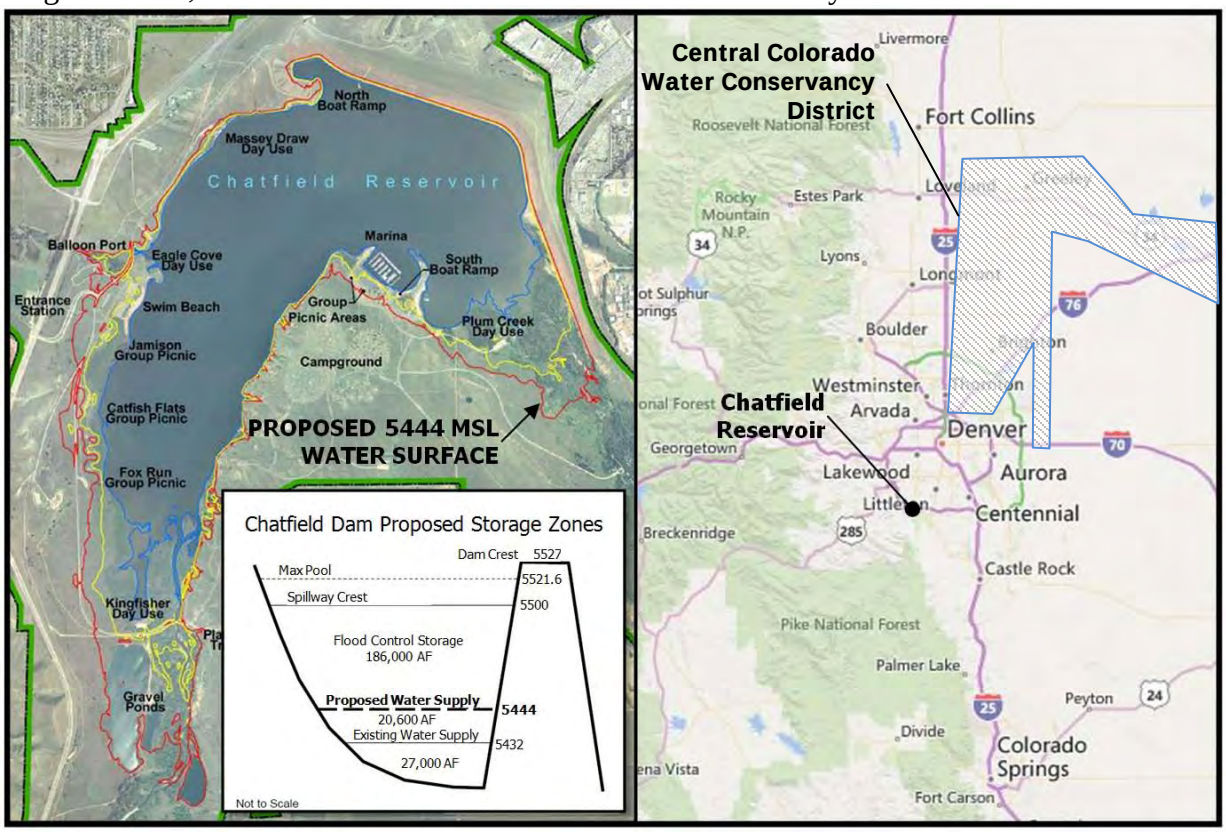
Total Project Cost: $28,170,000
Funding Source: Severance Tax Perpetual Base Fund

Type of Borrower: Agricultural
Average Annual Delivery: 24,600 AF
Added Water Supply Storage: 4,274 AF

CWCB Loan: $28,451,700 (with 1% service fee)
Interest Rate: 1.75% **Term:** 30-years

The Central Colorado Water Conservancy District is located in the South Platte River basin between Denver and Fort Morgan including Beebe Draw, and the lower portions of the Box Elder Creek and Lost Creek drainages. Approximately 210,000 acres of irrigated agricultural lands are served by the District. The District is participating in the Chatfield Reallocation Project to increase the availability of augmentation water for users within its District. Of the 20,600 acre-feet proposed to be reallocated, the District would receive 4,274 acre-feet of storage, or 20.75% of the total reallocation. The location of Chatfield provides the ability to replace well depletions to all locations within the District.

The US Army Corps of Engineers issued the Project's Feasibility Report and Environmental Impact Statement (FR/EIS) in July 2013 and a Record of Decision is expected in 2014. The Selected Alternative recommended in the Final FR/EIS will provide 20,600 acre-feet of storage in Chatfield between the elevations 5432 and 5444 msl for M&I water supply and other purposes including agriculture, environmental restoration, and recreation and fishery habitat protection and enhancement. Project participants completed the Project's Fish, Wildlife and Recreation Mitigation Plan, in accordance with C.R.S. 37-60-122.2 in January 2014.



CWCB Water Project Loan Program
Project Data Sheet

C150360

Borrower: East Mesa Water Company

County: Pitkin, Garfield

Project Name: Ditch Piping Project

Project Type: Ditch Rehabilitation

Drainage Basin/District: Colorado/38

Water Source: Crystal River

Total Project Cost: $550,000

Funding Source: Construction Fund, NRCS

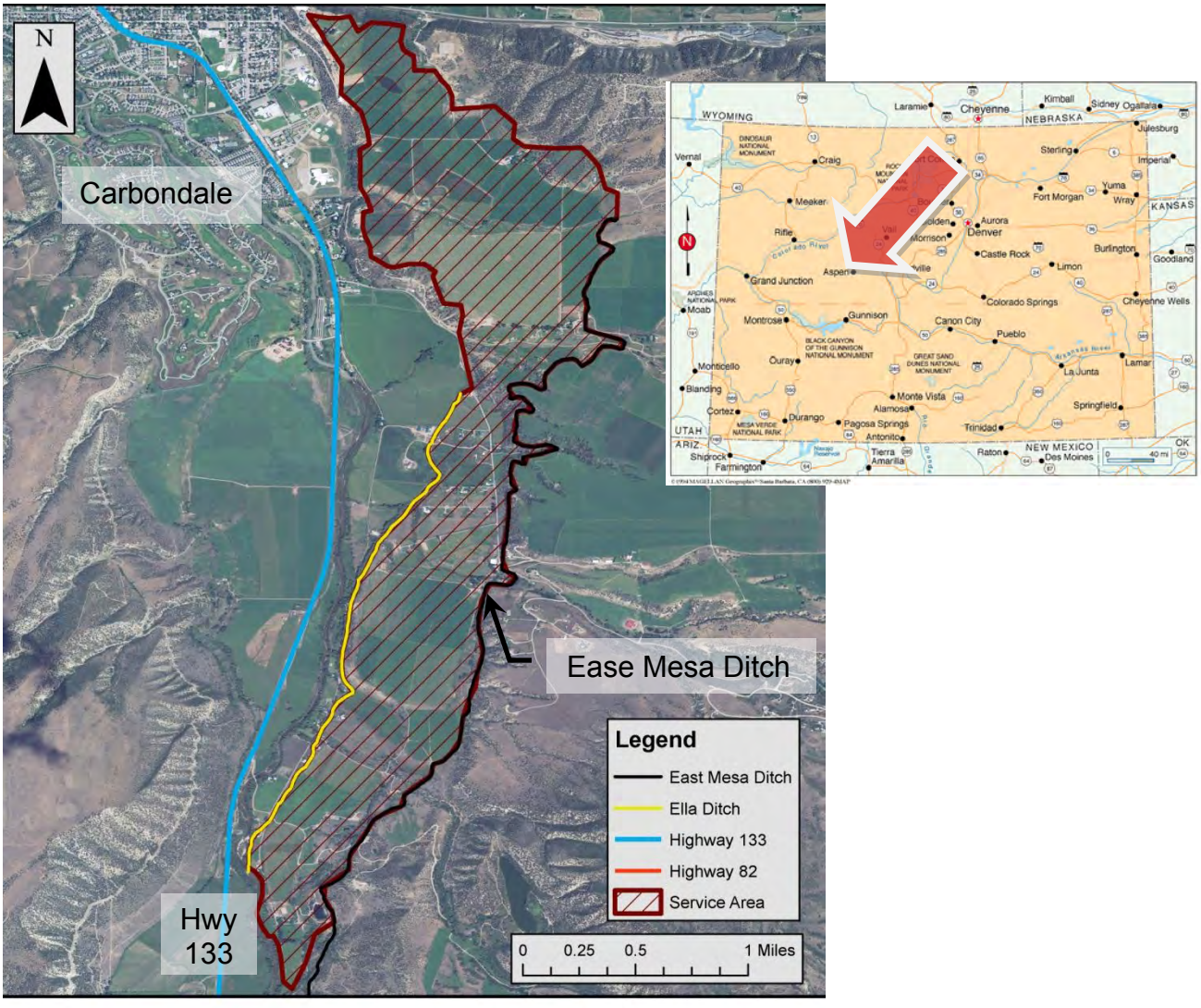
Type of Borrower: Agricultural

Average Annual Diversion: 9,669AF

CWCB Loan: $555,500 (initial loan)
$255,500 (long term - post construction loan w/service fee)

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

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



CWCB Water Project Loan Program
Project Data Sheet

C150396

Borrower: Northern Colorado Water Conservancy District, hydropower enterprise

County: Grand

Project Name: Granby Hydropower Project

Project Type: Hydroelectric

Drainage Basin/ District: Colorado / 51

Water Source: Colorado River

Total Project Cost: $5,669,340

Funding Source: Severance Tax PBF

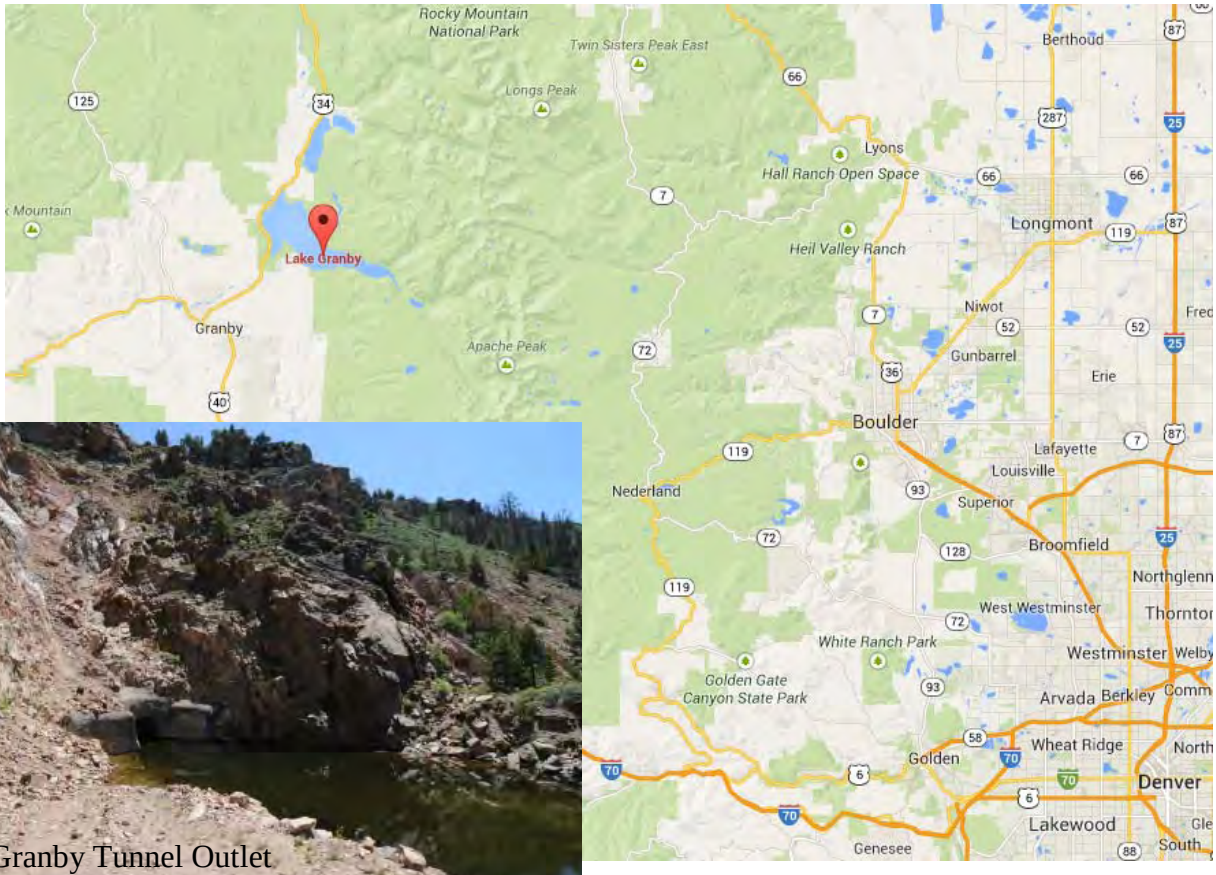
Type of Borrower: Hydroelectric

Average Annual Diversion: 210,000 AF

CWCB Loan: $5,135,183 (with 1% service fee)

Interest Rate: 2.0% **Term:** 30 years

Northern Water, acting by and through its hydropower enterprise, is applying for a loan for the construction of the Granby Hydropower Project. The Project is located at the existing Colorado – Big Thompson Project Granby Dam and will utilize the existing releases to the Colorado River without changing the flow regime. The hydro station will use the minimum streamflow obligations and a portion of additional releases to generate power through a 1.2-megawatt facility. The Project is being performed under the U.S. Bureau of Reclamation's Lease of Power Privilege (LOPP) process. Power generated will be purchased by Mountain Parks Electric, Inc. per a 30-year Power Purchase Agreement (PPA). The anticipated Project schedule is to finalize the LOPP and PPA by October 2014. Construction will occur in the summer/fall of 2015 and is expected to be operational by May 2016.



Lake Granby Tunnel Outlet

CWCB Water Project Loan Program
Project Data Sheet

C150400

Borrower: The Prairie Ditch Company

County: Rio Grande

Project Name: Plaza Project Phase 3: Prairie Ditch Implementation Project

Project Type: Ditch Rehabilitation

Drainage Basin/ District: Rio Grande / 20

Water Source: Rio Grande River

Total Project Cost: $975,000

Funding Source: Construction Fund, WSRA Grants

Type of Borrower: Agricultural

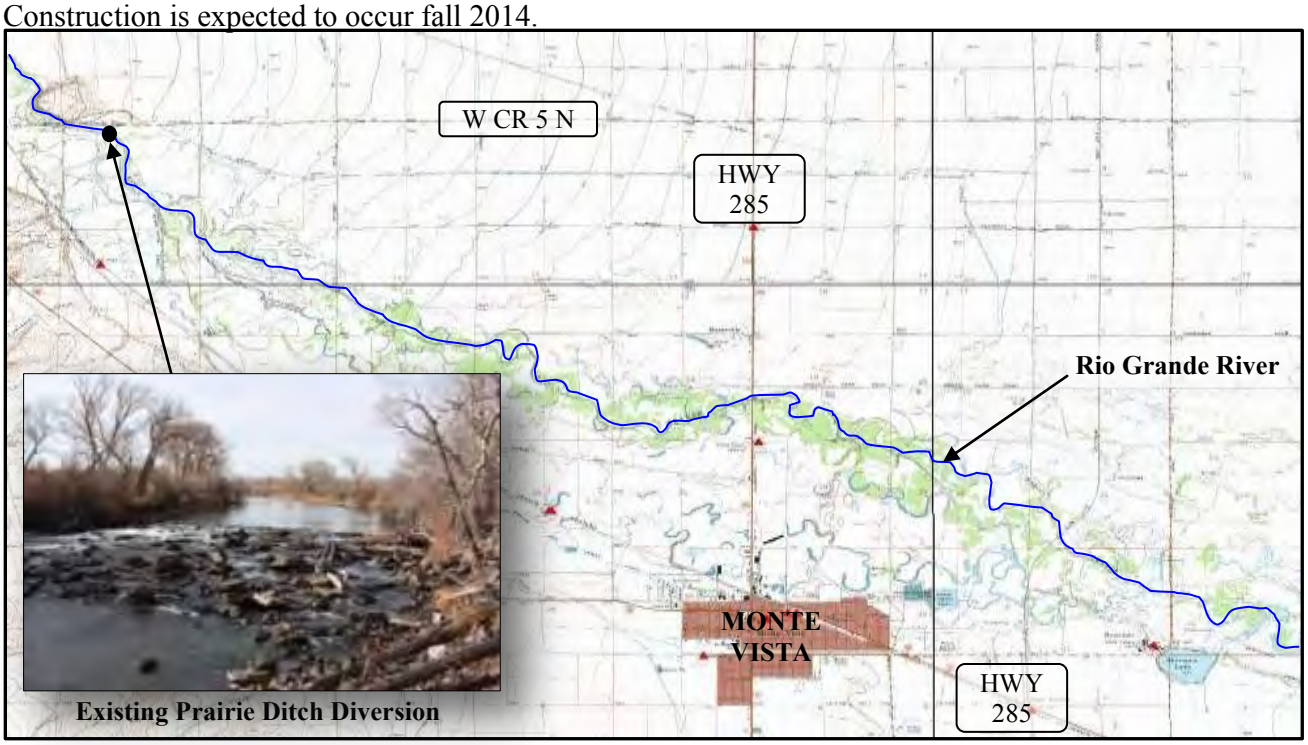
Average Annual Diversion: 16,000 AF

CWCB Loan: $131,300 (with 1% service fee)

Interest Rate: 1.25% **Term:** 10-years

The Prairie Ditch Company is a Mutual Ditch Company formed in 1887. The Prairie Ditch diversion structure and headgate is located seven miles northwest of Monte Vista, Colorado on the Rio Grande River and has a service area of approximately 23,000 acres. The diversion and headgates were constructed in the early 1900s and was most recently reworked in 1962. They are now deteriorating, presenting a growing concern the diversion structure may soon completely wash out. Both the diversion and headgate were highlighted as river rehabilitation priorities in a 2001 study titled "Rio Grande Headwaters Restoration Project." The study analyzed the condition of riparian habitats and structures along a 91-mile reach of the Rio Grande from the town of South Fork to Alamosa and triggered a more localized effort known as the Plaza Project.

The Plaza Project is a multi-phased project intended to improve the health and function of the Rio Grande River in the Sevenmile Plaza area through stream bank restoration, wetland restoration, and the replacement of aging and inefficient diversion and headgate structures. Phase 1 was a planning phase and identified several diversion and headgate structures in need of replacement. Phase 2 (McDonald Ditch Implementation Project) was the Plaza Project's first implementation project and was funded in part with a CWCB Loan and WSRA grant. Phase 3 is the second implementation project and the subject of this loan request. Project Tasks include the final engineering design and construction of the new Prairie Ditch diversion and headgate, as well as stream bank stabilization, monitoring, outreach, and education. Construction is expected to occur fall 2014.



C150348

Water Project Loan Program - Project Data Sheet

Borrower: San Luis Valley Water Conservancy District

County: Alamosa

Project Name: Anaconda Ditch Water Right Acquisition

Project Type: Water Rights

Drainage Basin / District: Rio Grande / 20

Water Source: Rio Grande River

Total Project Cost: $923,000

Funding Sources: Construction Fund

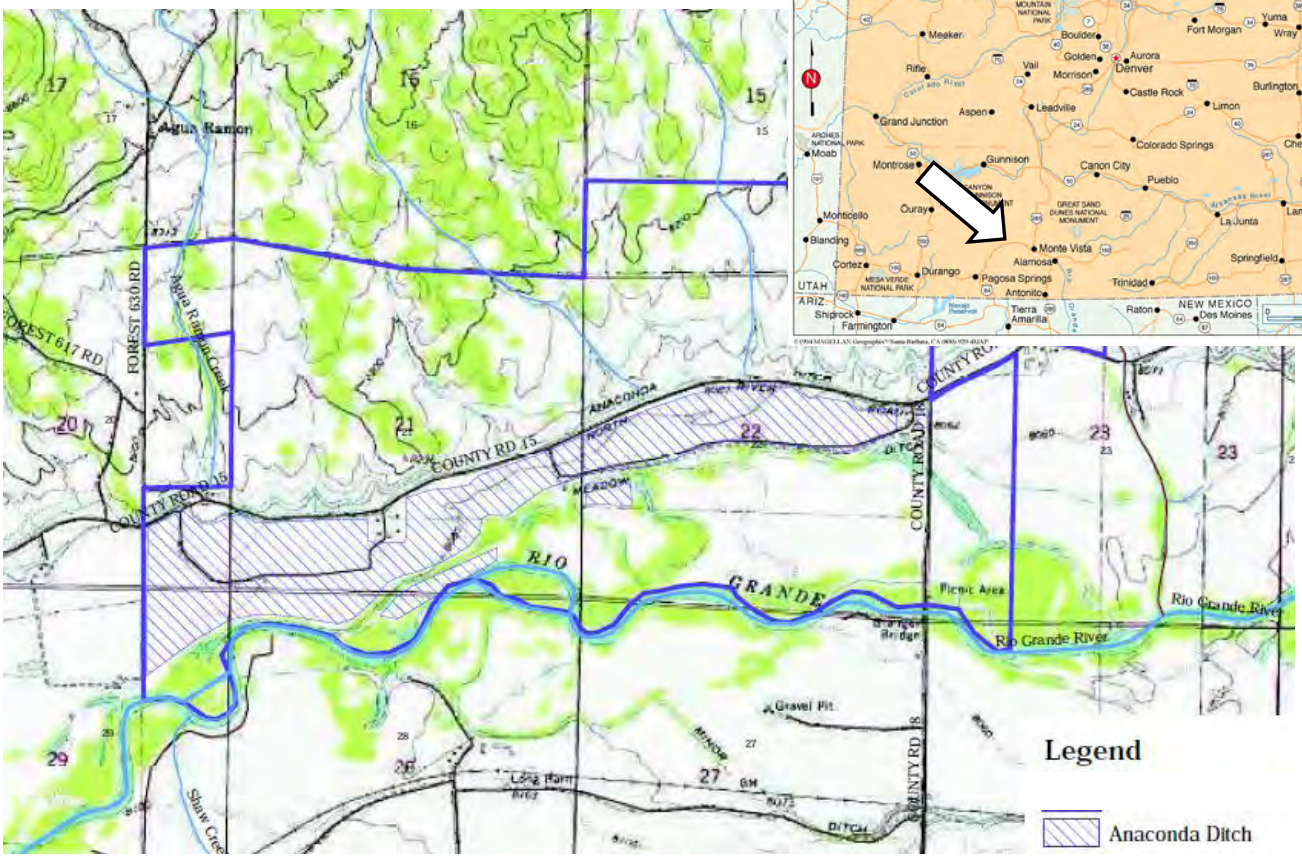
Type of Borrower: Municipal Low Income

Average Delivery: 386 acre-feet

CWCB Loan: $839,000 (Including 1% fee)

Interest Rate: 2.5% **Term:** 30 years

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



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

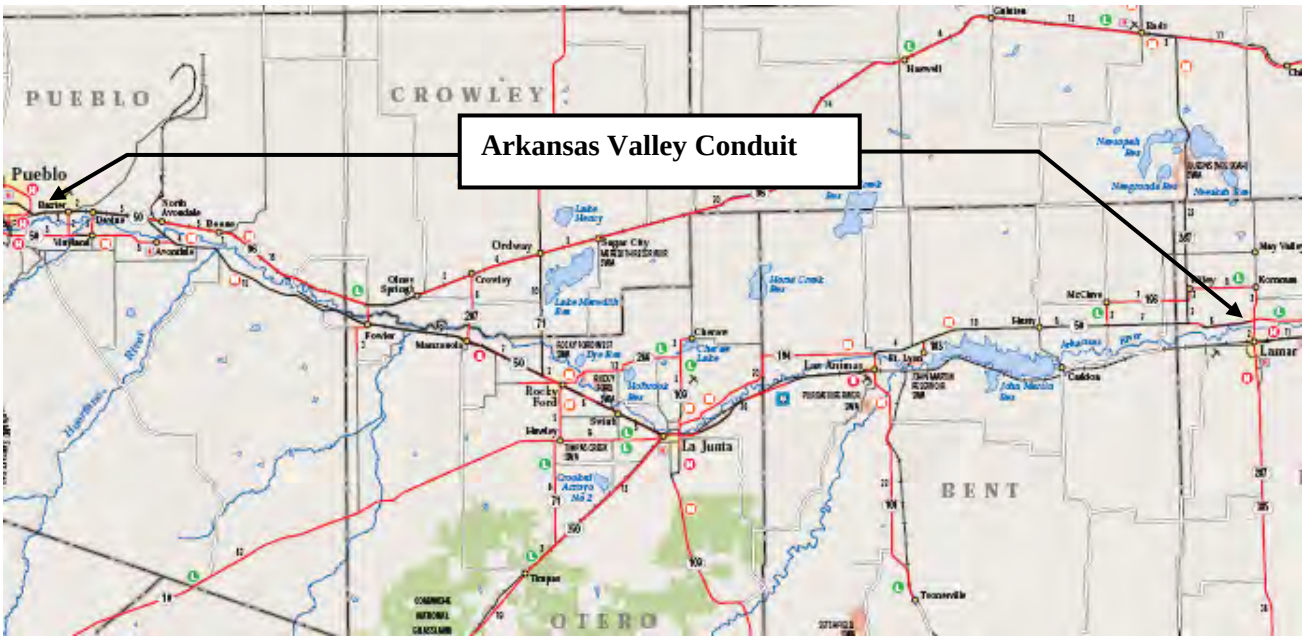
Aver. Delivery: 6,555 AF (2005 demand)

CWCB Construction Fund Loan: $60,600,000 (incl. 1% loan fee)

Interest Rate: 3.25%

Term: 30 years

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



Location Map

WATER PROJECT CONSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
NOVEMBER 2014

LOAN REPAYMENT DELINQUENCY

Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2014 through October 2014. The effective due date of the payment is inclusive of the Board's current 30 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for the first four months of Fiscal Year 2015 totaled 106. There were three loan payments not received on time during this period. The loan payment from the Loveland Lake and Ditch Company was less than 30 days late. The loan payment from Grandview Irrigation Ditch Company is less than 30 days late and has not been received to date. The loan payment from Fuchs Ranches, Inc. is over 30 days late and has not been received to date. Thus, the on-time performance for the total repayments due was 97% in compliance or 3% not in compliance.

LOAN FINANCIAL ACTIVITY

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2015 is summarized as follows: Funds received relative to loans in repayment totaled $11.5 M for this year. Funds disbursed relative to new project loans totaled $8.3 M for this year. Net activity resulted in $3.2 M received by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of $3.6 M in receivables and $7.2 M in disbursements for a total net activity of $3.6 M disbursed over received. The STPBF consists of $7.9 M in receivables and $1.1 M in disbursements for a total net activity of $6.8 M received over disbursed.

[See details of the table on the following page]

COLORADO WATER CONSERVATION BOARD

FINANCIAL ACTIVITY REPORT FOR FISCAL YEAR 2015

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2014	$ 437,835	$ 258,516	$ 696,351	$ -	$ 696,351
August 2014	$ 672,304	$ 355,624	$ 1,027,928	$ 3,051,658	$ (2,023,729)
September 2014	$ 167,601	$ 1,122,732	$ 1,290,333	$ 1,780,359	$ (490,026)
October 2014	$ 270,042	$ 380,676	$ 650,718	$ 2,397,500	$ (1,746,782)
November 2014	$ -	$ -	$ -	$ -	$ -
December 2014	$ -	$ -	$ -	$ -	$ -
January 2015	$ -	$ -	$ -	$ -	$ -
February 2015	$ -	$ -	$ -	$ -	$ -
March 2015	$ -	$ -	$ -	$ -	$ -
April 2015	$ -	$ -	$ -	$ -	$ -
May 2015	$ -	$ -	$ -	$ -	$ -
June 2015	$ -	$ -	$ -	$ -	$ -
FY 2015 Totals	**$ 1,547,783**	**$ 2,117,548**	**$ 3,665,331**	**$ 7,229,517**	**$ (3,564,186)**

SEVERANCE TAX PERPETUAL BASE FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2014	$ 197,023	$ 217,983	$ 415,006	$ -	$ 415,006
August 2014	$ 591,573	$ 117,520	$ 709,093	$ 312,973	$ 396,120
September 2014	$ 4,053,527	$ 1,241,699	$ 5,295,226	$ 338,024	$ 4,957,202
October 2014	$ 1,039,134	$ 430,620	$ 1,469,754	$ 456,076	$ 1,013,678
November 2014	$ -	$ -	$ -	$ -	$ -
December 2014	$ -	$ -	$ -	$ -	$ -
January 2015	$ -	$ -	$ -	$ -	$ -
February 2015	$ -	$ -	$ -	$ -	$ -
March 2015	$ -	$ -	$ -	$ -	$ -
April 2015	$ -	$ -	$ -	$ -	$ -
May 2015	$ -	$ -	$ -	$ -	$ -
June 2015	$ -	$ -	$ -	$ -	$ -
FY 2015 Totals	**$ 5,881,258**	**$ 2,007,822**	**$ 7,889,080**	**$ 1,107,074**	**$ 6,782,006**
GRAND TOTALS	**$ 7,429,040**	**$ 4,125,370**	**$ 11,554,410**	**$ 8,336,591**	**$ 3,217,819**

September 30, 2014
Via Email

The Honorable Sally Jewell
Secretary
Department of the Interior
1849 C Street NW
Washington, DC 20240

The Honorable Shaun Donovan
Director
Office of Management and Budget
725 17th Street NW
Washington, DC 20503

Dear Secretary Jewell and Director Donovan:

As environmental representatives on the Coordination Team for *Moving Forward* after the Colorado River Basin Study and as members of the Agricultural Workgroup for this initiative led by the Bureau of Reclamation, we are writing to encourage the Department of the Interior to include in President Obama's Fiscal Year 2016 (FY16) budget request to Congress robust support for programs that fund targeted and innovative approaches to water management solutions in the Colorado River Basin.

Reservoirs in the Colorado River Basin, once filled to the brim from the river and its tributaries, are at historic lows due to a fifteen-year drought and growing human demands. Diminished stream flows now pose serious challenges for cities, farms, as well as for wildlife and recreation, and others who rely upon the river.

The facts are clear: the demand for water from the Colorado River exceeds the supply. According to the Bureau of Reclamation, by 2060 there will be a 3.2 million acre-foot deficit in river supply. Coming up short could put at risk the drinking water supplies of over 36 million people in the Southwest, agriculture production dependent on the Colorado River and its tributaries, and future economic growth, as well as the $25.6 billion per year river-related recreation economy in the basin and the nearly one quarter million jobs per year it supports. The supply-demand imbalance could also impact the West's natural ecosystems, potentially harming world-class fisheries and unique natural wonders. The ripple effect will impact everything from the cost of vegetables to the economic base for hundreds of communities along the banks of the river that rely on healthy river flows.

It is critical that the Department of the Interior support programs capable of improving conditions throughout the Colorado River Basin. We ask that the Department help to fund them at levels needed to accomplish the task of providing a reliable water supply for the communities and environment that depend on the Colorado River. Programmatic spending should support projects that offer feasible, affordable, common-sense solutions that can be implemented now to protect water resources, ensure greater economic vitality, and secure water supplies for millions of Americans dependent on this critical natural resource.

In particular, we ask that you continue the strong support shown by this administration and Congress for the WaterSMART programs. The WaterSMART programs – WaterSMART cost

share grants, Title XVI Water Reclamation and Reuse Projects, Water Conservation Field Services Program, Cooperative Watershed Management, Basin Studies, Drought Response and Comprehensive Drought Plans, and Resilient Infrastructure Investments – have been critical components of our efforts in the Colorado River Basin to improve system supply and demand management. In FY15, the President requested $52 million for WaterSMART. While Congress continues to debate final FY15 spending levels, including significant increases over the President's requested amount, it is important to maintain or further increase this requested level in your FY16 request to address the pressing water scarcity issues on the Colorado River.

We are concerned that Congress has not acted to lift the Department of the Interior's cap on the authorization of appropriations for certain cost share grants to improve water management (42 U.S.C. 10364). We ask that the Department again request legislative changes in FY16 that ensure that Department grant programs, like the WaterSMART grants, can continue supporting local solutions to conserve water and increase water use efficiency.

In addition, we encourage the Department of the Interior to support both pilot and longer term projects in FY16, within or outside the WaterSMART program, to produce "wet water" from the agricultural, municipal and industrial sectors. These projects should reduce consumptive water use voluntarily and lower transaction costs for buyers and sellers in alternative agricultural transfer methods. (Such arrangements include interruptible supply agreements, water banks, rotational and split season cropping, water purchase and leaseback, and agriculture conservation methods like deficit irrigation.)

These projects and agreements can help stabilize critical reservoir levels, benefit rural economies, and enhance the health of rivers and streams in the Colorado River Basin, all without permanently taking agricultural lands out of production. We encourage you to align these funding decisions, to the extent possible, with other federal funding sources, such as the Regional Conservation Partnership Program within the Department of Agriculture.

Water management for the Colorado River Basin must ensure that any short term efforts (pilot and emergency) that are implemented are done so in a way that fits into appropriate long-term solutions. True, meaningful long-term solutions will require a suite of demand management and supply enhancement actions, many of which will be created by local interests and reflect unique local conditions and challenges. Agricultural water conservation and fallowing are not the only answers. We must get beyond the perceived easy answers and start seeking solutions that will help in the long term. Inherent is this philosophy is the realization that all sectors must truly manage this finite resource. Final, sophisticated solutions will certainly include demand management elements, but they will also include new storage, including both small surface reservoirs that avoid environmental harms as well as aquifer storage and recovery projects, modernized and expanded conveyance facilities, and strategies to increase the water efficiency of growing populations in metropolitan areas. And, we need a better understanding of how water used for environmental purposes benefits the species and ecosystems it is intended to protect or restore.

Thank you for your time and consideration of this request. We look forward to continuing to work with the Department of the Interior to achieve sustainable water supplies in the Colorado River Basin while maintaining the health of the Colorado River and its tributaries.

Sincerely,

Taylor Hawes
Colorado River Program, The Nature Conservancy
Moving Forward, Coordination Team and Environmental and Recreational Flows Work Group

Jennifer Pitt
Colorado River Project, Environmental Defense Fund
Moving Forward, Coordination Team and Environmental and Recreational Flows Work Group

Dan Keppen
Family Farm Alliance
Moving Forward, Agricultural Conservation, Productivity and Water Transfers Work Group

Tina Shields
Imperial Irrigation District
Moving Forward, Agricultural Conservation, Productivity and Water Transfers Work Group

CC: The Honorable Michael Connor, Deputy Secretary, Department of the Interior
Lowell Pimley, Acting Commissioner, U.S. Bureau of Reclamation
Sally Erickson, Associate Director, Office of Management and Budget

September 10, 2014

Mr. Rob Roma
Weed Control Landowner Specialist
1111 H Street
P.O. Box 758
Greeley, Co. 80632-0758

Rob,

This past summer we had the opportunity to see the Weld County Youth Conservation core at work. We were very impressed to watch these young men and women at work. Cutting down Salt Cedar and Russian Olives is a strenuous job as we all know and can be very dangerous. The teamwork they displayed was outstanding. A group of young people helping and watching out for one another to make sure the job gets done in a safe manner.

The working conditions were very hot, dirty and dangerous and never once did we hear anyone complain. The work area was left very clean at the completion of the job. We commend Weld County for putting together this program to help our young people develop themselves and to show them they can make a difference and are appreciated. They are helping to protect one of our most valuable resources, WATER!

We cannot say enough about this group of young people. They are very hard workers, kind, polite and take pride in their work and should be very proud of themselves.

Thank you all for making our community a better place in which to live. It's great to see our tax dollars at work which benefit the entire County.

Sincerely,

Marilyn Rupple

Marilyn Rupple
4879 WCR 24 3/4

Diane Aites

Diane Aites
4919 WCR 24 3/4

Jan England

Jan England
4879 WCR 24 3/4