



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

JANUARY 2014

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

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TO: Colorado Water Conservation Board

FROM: James Eklund
Brent Newman
CWCB Staff

DATE: January 27-28, 2014

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

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

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~INTERSTATE AND FEDERAL~

GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP (“AMWG”) AND TECHNICAL WORK GROUP (“TWG”) MEETINGS: The Glen Canyon Dam Technical Work Group (TWG) Annual Reporting meetings and January meeting will occur on January 28-30, 2014 in Phoenix, Arizona. In addition, the winter AMWG meeting is scheduled to occur on February 19-20, 2014 in Phoenix, Arizona. The key topics of this meeting will be the bi-annual budgeting process, the Long Term Experimental and Management Plan (“LTEMP”), and reviewing the results of the fall High Flow Experiment (“HFE”) (*Ted Kowalski*)

UPPER COLORADO RIVER COMMISSION ANNUAL MEETING AND COLORADO RIVER WATER USERS’ ASSOCIATION MEETING: The UCRC met in Las Vegas, NV on December 11, 2013 in conjunction with the Colorado River Water Users Association annual meeting. The Commission received briefings from: 1) the U.S. Bureau of Reclamation; 2) the U.S. Fish and Wildlife Service; 3) the Grand Canyon Monitoring and Research Center; and, 4) Western Area Power Administration. The next meeting will be held in June, 2014 hosted by Wyoming. They intend to hold this meeting in Jackson, Wyoming, but the date has not been set. The annual meeting of CRWUA was informative, interesting, and well attended, as usual. Key speakers included Assistant Secretary Anne Castle, and Secretary Jewell. The next CRWUA meeting is scheduled for December 10-12, 2014. (*Ted Kowalski*)

~STATEWIDE~

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

Staff has received eight applications from coalitions working to restore streams in the following watersheds:

Fountain Creek, Fall River (Estes Park), Fish Creek (Estes Park), Big Thompson River, St. Vrain River, Little Thompson River, and Coal Creek.

Funding has been awarded for master planning on the Big Thompson River, St. Vrain River (and tributaries), Fall River, and Fountain Creek. (*Chris Sturm*)

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE:

FY14 Activities: The Request for Qualifications to select new contractors for the Risk Map program was published on January 9, 2014. The CWCB is soliciting Statement of Qualifications for professional services for floodplain mapping and related work within

Colorado for FEMA's Risk Map program. This will be a five year contract and we anticipate the new contracts will be in place at the end of March 2014.

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

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

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

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

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

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

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

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

FY07 Activities: Summit County DFIRMs became effective November 2011. La Plata County received their effective maps in August 2010. Park County has gone effective in December 2009. Delta County maps became effective in July 2010. Teller County and Archuleta County have gone effective since September 2009. El Paso County DFIRM scope of work has been altered to complete this project as a Partial Countywide DFIRM. The Templeton Gap levee will not be included in the update. The FEMA grant was extended to September 2013 to complete this project to the preliminary phase.

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

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

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

GROUND WATER COMMISSION MEETING: The Ground Water Commission (GWC) held its quarterly meeting on November 15, 2013 in Castle Rock, CO. The agenda items included routine reports and a presentation on the Colorado Water Plan by James Eklund. Also during the meeting, the Ground Water Management Districts (GWMD) indicated that proposed legislation that would grant GWMDs enforcement authority and the ability to impose fines did not advance at the Water Resources Review Committee; however, the GWMDs intend to keep pursuing legislation. The GWC also decided to table a possible rule change concerning temporary water rights. The Ground Water Commission will hold its next regular meeting on February 21, 2014 in Denver, CO. For more information visit:
<http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (Suzanne Sellers)

~COLORADO RIVER BASIN~

UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP: The Upper Colorado River Wild and Scenic Stakeholder Group did not meet since the last CWCB meeting. Its next regular meeting is scheduled for January 15, 2014 in Summit County. In November, the CWCB Director approved a request from the Upper Colorado River Wild and Scenic Stakeholder Group for funding from the Wild and Scenic Alternatives Fund to support their continued work. For more information, please visit: <http://www.upcowildandscenic.com>. (Suzanne Sellers)

COLORADO RIVER WATER AVAILABILITY STUDY (CRWAS) CONTINUATION: The request for proposals (RFP) to extend the CRWAS Phase 1 surface water modeling data sets and updating the alternative hydrologies developed under CRWAS Phase 1, also using the

Coupled Model Intercomparison Project Phase 5 (CMIP5) climate modeling results has been posted. A vendor question and answer meeting was held on January 6, 2014 with the proposal closing date being January 22, 2014. The contract will be award by February 1, 2014 with work starting by mid-February. (*Ray Alvarado*)

COLORADO RIVER WATER USE: As of December 1, 2013, the Lake Mead water level was at 1106 feet with 12.31 million acre-feet (MAF) of storage, or 47% of capacity, while the Lake Powell water level was at 3588 feet with 10.62 MAF of storage, or 44% of capacity. Total system active storage as of December 1 was 29.56 MAF, or 50% of capacity, which is 3.75 MAF less than one year ago when system storage was 56% of capacity.

As of December 2, the 2013 Reclamation forecast for the Lower Basin states' consumptive use of Colorado River water totals 7.42 MAF, which includes Arizona at 2.79 MAF, California at 4.39 MAF, and Nevada at 0.236 MAF. The preliminary end-of-year estimate for 2013 for California's agricultural consumptive use of Colorado River water is 3.36 MAF. The Metropolitan Water District of Southern California is forecasted to use approximately 0.948 MAF. (*Andy Moore*)

~PLATTE RIVER BASIN~

GREEN DITCH COMPANY INJURY WITH MITIGATION UPDATE: At the recent CWCB Special Board Meeting held on December 19, 2013, Staff introduced a Rule 8i.(3) Injury with Mitigation proposal on Boulder Creek on behalf of the Green Ditch Company. The proposal involved rebuilding the Green Ditch headgate to a point upstream of the existing headgate to restore the diversion after recent flooding had shifted the stream channel away from the existing headgate. However, since the Board meeting, upon receiving a feasibility report, the Ditch Company has decided to seek other alternatives to restore its diversion. One option is to repair the breach and return Boulder Creek to its pre-flood channel and keep the Green Ditch in its original location. **At this time, no further action by the Board on the injury with mitigation proposal is requested.** (*Kaylea White*)

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM: The Platte River Recovery Implementation Program (PRRIP) Governance Committee (GC) met on November 20, 2013 in Denver, CO to discuss the details of the proposed 2014 PRRIP Master Plan and Budget. The GC held its regular meeting on December 3 and 4, 2013 in Denver, CO. The primary agenda items were discussion and approval of the Executive Director's contract and the 2014 Master Plan and Budget. Other agenda items included discussion on the role of third party peer review and publication in scientific journals, approval of a one-year sole-source extension of the current USGS contract for annual tern/plover monitoring, appointment of Jennifer Hoeting and Ned Andrews to the Independent Science Advisory Committee, approval of a score of 1,800 ac-ft per year for the Phelps recharge project, a discussion on potential delisting of the least tern, approval of a water lease with the Central Platte Natural Resource District (CPNRD) and approval of a land acquisition transaction. The GC declined to accept an offer to purchase Central Nebraska Public Power and Irrigation District's (CNPPID) Net Controllable Conserved Water (NCCW). CWCB staff also participated in a Land Advisory Committee meeting. The next Governance

Committee meeting will be held on March 11-12, 2014 in Kearney, NE. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

SOUTH PLATTE DECISION SUPPORT SYSTEM (SPDSS): DWR is continuing to monitor observation wells in the Sterling area and has a website where updated information can be obtained on the monitoring efforts. As part CWCN's Project's Bill (SB12S-002), DWR is looking into the high groundwater issue around the Gilcrest/LaSalle area.

The CWCB, as part of the Project Bill authorization, will be contracting out the data extension of the alluvial groundwater model to include the years 2006-2011. The RFP has been posted with the vendor question and answer meeting being held on January 16, 2014. The proposal deadline is February 4, 2014 and the contract will be awarded by mid-February.

The surface water modeling within the South Platte basin is ongoing with all vendors making good progress in developing working models, starting by a creating a network of key structures within each basin and understanding the water management issues. In February, the vendors will be starting the initial model calibration process. (*Ray Alvarado*)

~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

DOLORES RIVER MANAGEMENT COORDINATION WORKSHOP: The CWCB, the Colorado River Water Conservation District (CRWCD) and the Southwestern Water Conservation District (SWCD) held a one-day workshop on January 9, 2014 in Cortez, CO. The workshop brought together various stakeholders to discuss Dolores River management issues. The discussion included: existing and proposed Wild and Scenic suitability for reaches of the Dolores River from McPhee Reservoir Dam to the Colorado state line; existing and proposed instream flow water rights on certain reaches of the Dolores River, and other alternative protections for portions of the Dolores River. Themes that emerged from the workshop include: appropriateness of some fish ORVs for certain segments of the Dolores River; encouraging the BLM and USFS to take a holistic view of the basin; forming a basin-wide collaborative process; requests for modifying the BLM's and USFS's management plan schedules, and requests for modifying the CWCB's schedule for evaluating the proposed Dolores River ISF. Note, however, these themes are not based on consensus but emerged from individual stakeholders. (*Suzanne Seller, Ted Kowalski & Linda Bassi*)

RIVER PROTECTION WORKGROUP: The River Protection Workgroup (RPW) Steering Committee held regular meetings on November 8 and December 17, 2013. The RPW Steering Committee's next meeting is scheduled for January 10, 2014 in Durango, CO. 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. Also in December, the Energy & Natural Resources committee held a hearing for the proposed Hermosa "land protection" legislation. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection>. (*Suzanne Sellers*)

~AGENCY UPDATES~

COMMUNITY ASSISTANCE PROGRAM UPDATES: CWCB staff continues to meet with many communities affected by the flooding disaster in September 2013 to assist with aspects of the National Flood Insurance Program (NFIP). At each meeting, staff provides participants information about floodplain permitting and regulations and how the role of the NFIP in flood recovery. All flood-affected communities will need a follow-up Community Assistance Visit (CAV) to assist with recovery and ensure compliance with floodplain regulations and to provide training. CAVs have been held with the Town of Lyons and Town of Milliken and both communities continue to work proactively with both CWCB and FEMA.

After a major disaster like the September 2013 flooding event, mitigation is an important part of community recovery. Mitigation is an action taken to reduce or eliminate long-term risk to human life and property from hazards and FEMA offers several programs that can fund mitigation projects. The Hazard Mitigation Grant Program (HMGP) is available only after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. CWCB staff provides technical assistance to communities about potential flood mitigation activities and helps communities to identify potential projects using the data and information collected as part of their floodplain management programs.

(Jamie Prochno)

WEATHER MODIFICATION UPDATE: There are seven winter cloud seeding programs in Colorado. They are designated Vail/Beaver Creek, Central Mountains, Grand Mesa, Gunnison, Telluride, Western and the Eastern San Juan Mountains. To support locally sponsored seeding this winter, the CWCB contributed \$175,000 of funding, Lower Basin provided \$167,500, and New Mexico provided \$20,000. There are currently over forty entities that participate in seeding in Colorado. This is the eighth year of funding from Lower Basin states, with this funding starting in 2006. CWCB provides these grants to contractors and sponsors to fund various activities, including proposals from Desert Research Institute to operate generators at Winter Park and on Mancos Mountain in the San Juan Mountains. A proposal for the Gunnison contractor to deploy a weather station is the only funding for new equipment this year. There is also an evaluation proposal of the Central Mountains program performed by the National Center for Atmospheric Research and managed by Grand River Consulting.

On December 11th, there was a public session for Grand County citizens that included Joe Busto of CWCB, Dr. Brian Heckman, a pilot speaking on cloud seeding in Vietnam, and Dr Thomas Cannon, credited as the founding father of cloud photography. The December 24 edition of the Denver Post had an article aimed at kids about cloud seeding that was produced by the Foundation for Water Education.

Wyoming is in the last year of operations for its research program, with a final report due December 31, 2014. There are currently bills in the Wyoming legislature regarding potential cost share for continuing operations and research. These bills will likely propose partnering with the Lower Basin to aid in operations at the Wind River Range. A January 9th NPR All Things Considered discussed cloud seeding and the California drought, and can be found at the

following link: <http://www.npr.org/2014/01/09/261070150/its-not-magic-on-the-mountain-its-a-rain-making-machine>. (*Joe Busto*)

SNOW SCHOOL, DATA GAPS, AND SOUND SCIENCE: CWCB staff is setting up two sessions for the Water Congress Annual Convention. Presented and discussed will be an overview of CWCB work in cloud seeding and forecasting, NRCS Snow Survey program issues, the NASA Aerial Snow Observatory Project, the Rio Grande Forecasting Project for winter 2014-15, and NOAA radar science and opportunities. The National Center for Atmospheric Research and the CSU Colorado Climate Center will also present. A proposal will be submitted to NASA to have the Aerial Snow Observatory partner with the Rio Grande Forecasting Project where funding has already been secured. This should be an excellent forum to discuss the state of the science and future of water assessments, water forecasts, data, and snow and hydrologic modeling. (*Joe Busto*)

CWCB STAFF ASSISTS ALBERTA WITH IDEAS FOR FLOOD RECOVERY: In November 2013, staff of the Watershed and Flood Protection Section were contacted by a policy consultant to the Canadian Province of Alberta, who is exploring ways to improve the province's abilities to prepare for and respond to floods. The catalyst for this inquiry was a significant flood event that impacted Calgary and nearby towns in June 2013. The scope, scale and sheer speed of Alberta's 2013 floods resulted in the first-ever Provincial State of Emergency. The flooding resulted in total damage of over 5 billion dollars, and is considered the costliest disaster in Canadian history. The province was seeking international expertise to determine ideas to upgrade their capabilities.

During this contact, the consultant indicated that they were referred to the expertise of the Colorado Water Conservation Board after making many contacts throughout the U.S. They had previously contacted a number of organizations and states to get their input, and they were told repeatedly to talk to the State of Colorado. According to the consultant, the province is also interested in hearing about the State's experiences from our own 2013 flood, as it shares many of the same characteristics of Alberta's devastating flood.

Staff shared many of the experiences and lessons learned from the 2013 flood. In addition, significant discussion centered around data collection – who does it, what was it used for, what are its limitations, and whether there were still unmet needs. Staff also described some of the State's flood forecasting capabilities, including the CWCB Flood Threat Bulletin, the Flood and Water Availability Task Force, and the Flood Technical Advisory Partnership. The State's dam safety and emergency management programs were also discussed in detail. Partnerships with federal agencies, other state agencies, and local governments were also highlighted.

Alberta indicated that they were impressed with Colorado's capabilities and desired to follow up further at a later time. They expressed admiration for the State's capabilities and its actions in response to the 2013 floods and remarked on the similar topography, climate, and flood experiences. (*Kevin Houck*)

CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGP) UPDATE: Over the last few years of research/projects along with evaluating this grant program, CWCB staff is

identifying trends in water efficiency & drought planning and implementation. It is an on-going discussion as staff considers a guideline update for this grant program.

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

- **City of Louisville** – Water Conservation Plan
- **Security Water & Sanitation District** – Water Loss Study
- **City of Brighton** – Water Smart Software Monitor & Tracking Project

Two grants were approved since the last Board meeting:

- **City of Grand Junction** – Residential & Commercial Water Audits (\$45,450)
- **Ruedi Water & Power Authority** - Roaring Fork Regional Water Conservation Plan (\$93,538.13)

Deliverables to the CWCB are as follows:

- **Mount Werner Water & Sanitation District** – Web Leak Detection System – *submitted Final Report*
- **Castle Pines Metropolitan District** – AMI Installation – *submitted Final Report*
- **Town of Erie** – Drought Management Plan – *submitted 50% Progress Report*
- **Center for Resource Conservation** – Commercial Indoor Audit Program – *submitted 50% Progress Report*
- **Center for Resource Conservation** – Impact Analysis Study – *submitted 75% Progress Report*

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

DROUGHT MANAGEMENT PLANS

Plans in review

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

WATER EFFICIENCY PLANS

Approved Plans

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

- **City of Trinidad**
- **Meridian Metro District**
- **City of Englewood**
- **Monument, Palmer Lake and Tri-View Metro District**-Received on July 16, this regional plan review is done and CWCB staff is waiting to receive a final copy in early January.

Water Efficiency Plans in review

- **Town of La Junta** – Final review of the Plan was completed by CWCB staff in April 2011 and additional comments were sent back to the Town in May 2011. Resubmission pending.
- **South Adams County Water & Sanitation District** – CWCB received the Plan on November 3, 2011. CWCB staff reviewed the plan and sent comments to the District on January 30, 2012. Resubmission pending.
- **Town of Telluride:** CWCB staff has received a first draft of the town's water efficiency plan. Staff will review and give feedback to Town of Telluride staff
(*Kevin Reidy & Ben Wade*)

GOVERNOR'S WATER AVAILABILITY TASK FORCE: The next Water Availability Task Force on January 22, 2013 from 9:30-11:30am at the Colorado Parks & Wildlife Headquarters, 6060 Broadway, Denver, CO in the Bighorn Room. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information. (*Ben Wade*)

WATER CONSERVATION TECHNICAL ADVISORY GROUP (WCTAG) UPDATE: The WCTAG met in early December to discuss the technical comments and responses on the proposed indoor fixture legislation by Denver Water. The WCTAG gave technical comments on the methodology in October. (*Kevin Reidy*)

1051 REPORTING WEB PORTAL UPDATE: The Web Portal is on schedule for a mid-January launch. The WCTAG tested the portal for a period of 3 weeks before Thanksgiving and provided many comments. Water providers will have until June 30, 2014 to report their data. CWCB will work with providers who have questions and most likely will schedule some half day regional workshops in early Spring 2014 to work through the web portal. (*Kevin Reidy*)

DROUGHT UPDATE: There have been significant improvements in the drought conditions throughout much of Colorado over the fall and early winter months. Snow pack ranges from 93 % of average in the Rio Grande to 113% in the Yampa/ White. Statewide snowpack is 104% of average as of January 2, 2014. 32% of the state is no longer in any drought classification and of the 68% that is classified, the majority of that (46%) is D0, or abnormally dry. This covers the western slope, Southwest and Rio Grande Valley. The eastern plains along the border are experiencing drier conditions (D0-D2) while the Arkansas Basin is the driest region of the state with all of the D3 (extreme) and D4 (exceptional) lingering in the area and centered primarily on

the counties of Crowley, Kiowa, Otero and Bent. This area of the state has experienced sustained drought conditions for over 3 years. *(Taryn Finnessey)*

M & I WATER CONSERVATION/REUSE WORKGROUP MEETINGS: The U.S. Bureau of Reclamation M&I Water Conservation workgroup is moving forward with the distribution of a small survey template for Colorado River users. The group will take this information to help formulate the savings to date within the study area and provide information on projected future water savings. The survey is due at the end of January 2014. *(Kevin Reidy)*

COLORADO CLIMATE CHANGE TECHNICAL ADVISORY GROUP (CCTAG): Over the last few years as CWCB has expanded our work on climate change we have relied upon the input and feedback of climate change experts to help guide our efforts and ensure that our approach met scientific standards. The CCTAG held a meeting December 17, 2013 to continue discussion on three efforts that the state is working on regarding climate change. The meeting participants discussed and provided technical expertise on the following projects:

1. An update to the CRWAS based on new CMIP 5 Data
2. The 2014 Climate Change in Colorado Report
3. CEO's Climate Change Vulnerability Study- water chapter

(Taryn Finnessey)

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 this case and has provided the required notification to the Division Engineer and applicant. *(Don West)*

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
4-13CW3047	Electric Mountain Recreation Subdivision	Little Dyke Creek/ 84CW414	2 cfs (summer) 2 cfs (winter)	0.05142 % 0.05142 %	0.0514% 0.0514 %	0
4-13CW3047	Electric Mountain Recreation Subdivision	Hubbard Creek/ 84CW412	3 cfs (summer) 3 cfs (winter)	0.03428 % 0.03428 %	0.0556 % 0.0535 %	1
4-13CW3047	Electric Mountain Recreation Subdivision	Hubbard Creek/ 84CW413	3 cfs (summer) 3 cfs (winter)	0.03428 % 0.03428 %	0.0556 % 0.0535 %	1
4-13CW3048	Scarp Ridge LLC, Lode LLC, Robinson Basin LLC, Little Minnie LLC, Ruby Peak LLC	Ruby Anthracite Creek 84CW401	2.5 cfs (summer) 2.5 cfs (winter)	0.02188 % 0.04000 %	0.02188 % 0.04000 %	0
5-13CW3051	Shayne M. Young	Plateau Creek/ 86CW226	16 cfs (summer) 16 cfs (winter)	0.00039 % 0.00039 %	0.4697 % 0.1171 %	3

RECENTLY DECREED ISF WATER RIGHTS: On January 6, 2014, the Division 1 Water Court decreed an instream flow water right to the CWCB on Fish Creek in Case No. 1-12CW279 for 2.9 cfs (5/1-7/15), 0.9 cfs (7/16-10/31) and 0.2 cfs (11/1-4/30), with an appropriation date of March 21, 2012. The upstream terminus is the confluence with an unnamed tributary and the lower terminus is the confluence with Johnson Creek. This ISF reach is approximately 4.31 miles long and flows in a northeasterly direction through parts of Larimer County. This right is in addition to an existing instream flow right on Fish Creek decreed in Case No. 1-86CW303 in the amount of 0.5 cfs (1/1-12/31) with an appropriation date of 9/5/1986. (*Rob Viehl*)

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TO: Colorado Water Conservation Board Members

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

DATE: January 10, 2014

SUBJECT: **Directors Report January 27-28, 2014 Board Meeting
Finance – Emergency Loans Status Report**

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

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 (20) projects totaling \$17 million. There are currently fifteen (15) projects under contract ready to receive loan funds for eligible project expenses.

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

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

January 10, 2014

ATTACHMENT 1

Current Projects in Design or under Construction

Status Description/Update

1	Beeman Irrigation > Emergency Beeman Diversion Dam Repair C150385	Weld	\$ 2,020,000	100%	1/2014-12/2014	1%	MS	Contractor mobilized 1/6/14
2	Big Thompson and Platte River > Big Thompson & Platte River Diversion Structure Repair C150373	Larimer	\$ 808,000	50%	2/2014-4/2014	0%	MS	Construction expected to commence 2/15/14
3	Boulder and Larimer County Irrigation > Boulder & Larimer Diversion Structure Repair C150374	Boulder & Larimer	\$ 202,000	100%	1/2014-4/2014	0%	MS	Contractor selected and scheduled to mobilize 1/20/14
4	Church Ditch Water Authority > Leyden Creek Crossing Repair C150377	Jefferson	\$ 606,000	100%	1/2014-4/2014	0%	MS	Contractor scheduled for mobilization in January
5	Consolidated Home Supply Ditch & Reservoir Company > Big Dam Diversion Structure Repair C150375	Larimer	\$ 1,616,000	100%	1/2014-7/2014	0%	MS	Contractor scheduled for mobilization in January
6	Consolidated Home Supply Ditch & Reservoir Company > George Rist Ditch Repair C150380	Larimer	\$ 448,440	60%	2/2014-4/2014	0%	MS	Contractor is completing debris removal and site access
7	Culver Ditch Company > Culver Mahoney Ditch Repair C150390	Boulder & Larimer	\$ 151,500	20%	2/2014-4/2014	0%	MS	Contractor is completing debris removal and site access
8	Haldi Ditch Company > Emergency Haldi Ditch Repair C150389	Boulder	\$ 50,500	100%	1/2014-3/2014	0%	MS	Bid opening the week of 1/13/14. Project scheduled for completion mid-March
9	Highland Ditch Company > Highland Ditch System Repairs C150369	Boulder	\$ 1,999,800	100%	10/2013-2/2014	90%	MS	Concrete structure is in place. Contractor waiting to install gates and screens. Completion scheduled for 2/1/14
10	Ish Reservoir Company > Inlet Ditch & Diversion Structure Repair C150376	Boulder	\$ 207,050	100%	1/2014-4/2014	0%	MS	Contractor selected and scheduled to mobilize 1/20/14

Emergency Loan Design and Construction Status Report

Current Projects in Design or under Construction				Loan			Design		Construction		Status Description/Update
Borrower/Project				County	Amount	Status	Start/End	Status	PM		
11	Left Hand Ditch Company > Left Hand Ditch System Repairs C150370			Boulder	\$ 3,276,056	60%	10/2013-4/2014	50%	MS	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 4/1/14	
12	North Poudre Irrigation Company > Fossil Creek Reservoir Diversion Structure Repair C150368			Larimer	\$ 481,770	100%	2014	0%	MS	The Poudre River is still running high. Owner is currently contemplating re-scheduling construction for the fall.	
13	Oligarchy Irrigation Company > Oligarchy Irrigation Ditch River Diversion Structure Repair C150372			Boulder	\$ 1,262,500	100%	1/2014-4/2014	0%	MS	Contractor scheduled for mobilization in January	
14	Rough & Ready Irrigation Ditch Company > Rough & Ready Ditch River Diversion Structure Repair C150371			Boulder	\$ 1,843,250	100%	1/2014-4/2014	0%	MS	Contractor scheduled for mobilization in January	
15	Zweck and Turner Ditch Company > Zweck and Turner Ditch Repair C150388			Boulder	\$ 252,500	0%	2/2014-4/2014	0%	MS	Project just getting underway	

Projects Under Contract SubTotal = \$ 15,225,366

Projects Not Under Contract

a	Butte Irrigation & Milling Company > Emergency Berm Repair C150382	Boulder	\$ 277,750	In Contracting	MS	Shareholders meeting the week of 1/13/14. Contract expected to be executed shortly thereafter
b	Davidson Ditch & Reservoir Company > Emergency Davidson Ditch Lining C150384	Boulder	\$ 37,370	In Contracting	MS	Very small project, owner may not utilize loan.
c	City of Evan, Water Activity Enterprise > Emergency Evans Town Ditch Repairs C150387	Weld	\$ 722,150	In Contracting	MS	City still negotiating with FEMA.
d	Green Ditch Company > Emergency Green Ditch Channel Repair C150383	Boulder	\$ 530,250	In Contracting	MS	Shareholders meeting the week of 1/13/14. Contract expected to be executed shortly thereafter

Emergency Loan Design and Construction Status Report

Current Projects in Design or under Construction				Status Description/Update			
Borrower/Project		County	Loan Amount	Design Status	Construction Start/End	Construction Status	PM
e	Union Ditch Company > Emergency Union Ditch Repair C150381	Weld	\$ 202,000		In Contracting		MS
Board of directors continue discussions with shareholders							

Not Under Contract SubTotal = \$ 1,769,520
Grand Total = \$ 16,994,886

**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

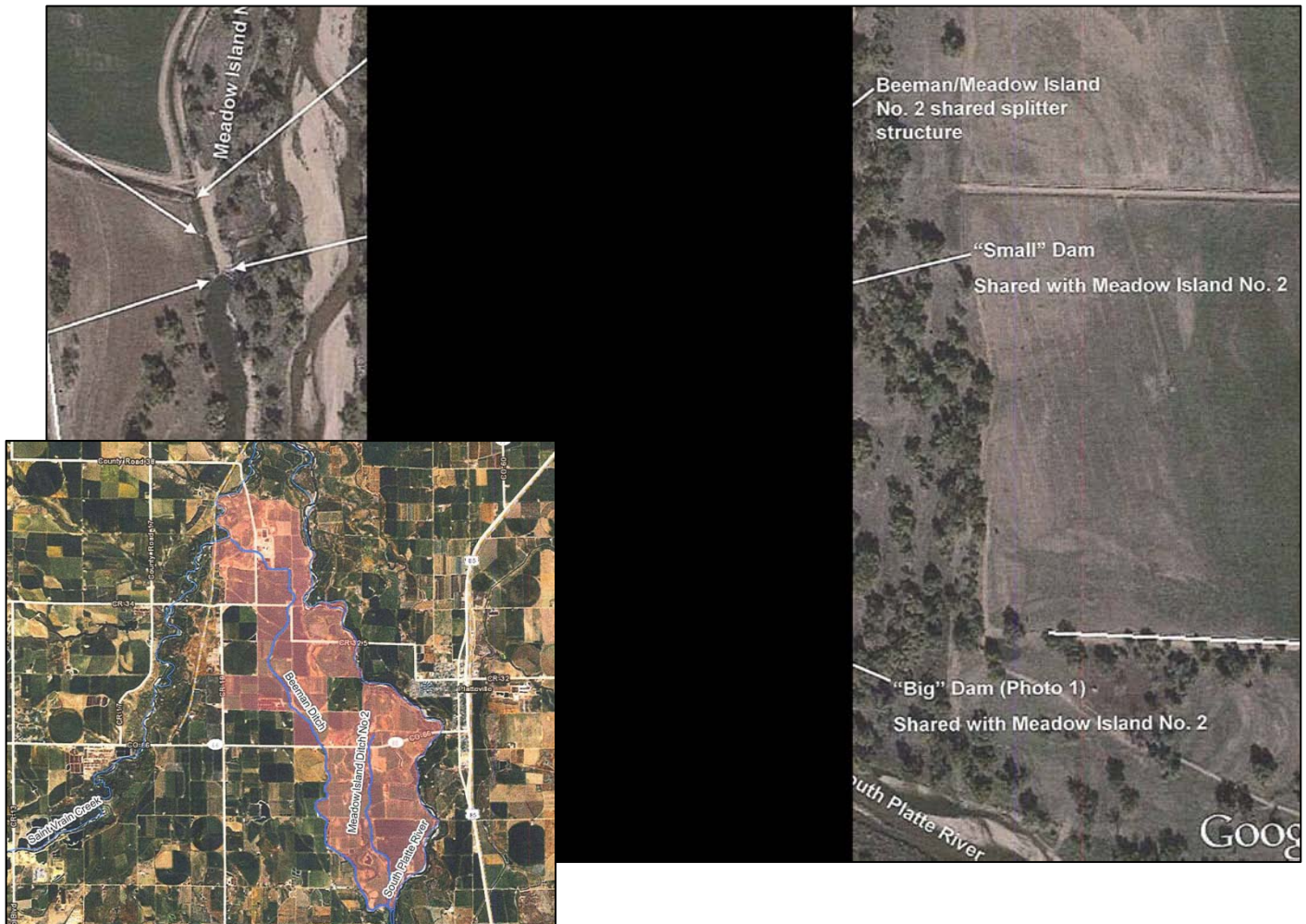
Type of Borrower: Agricultural

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**

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

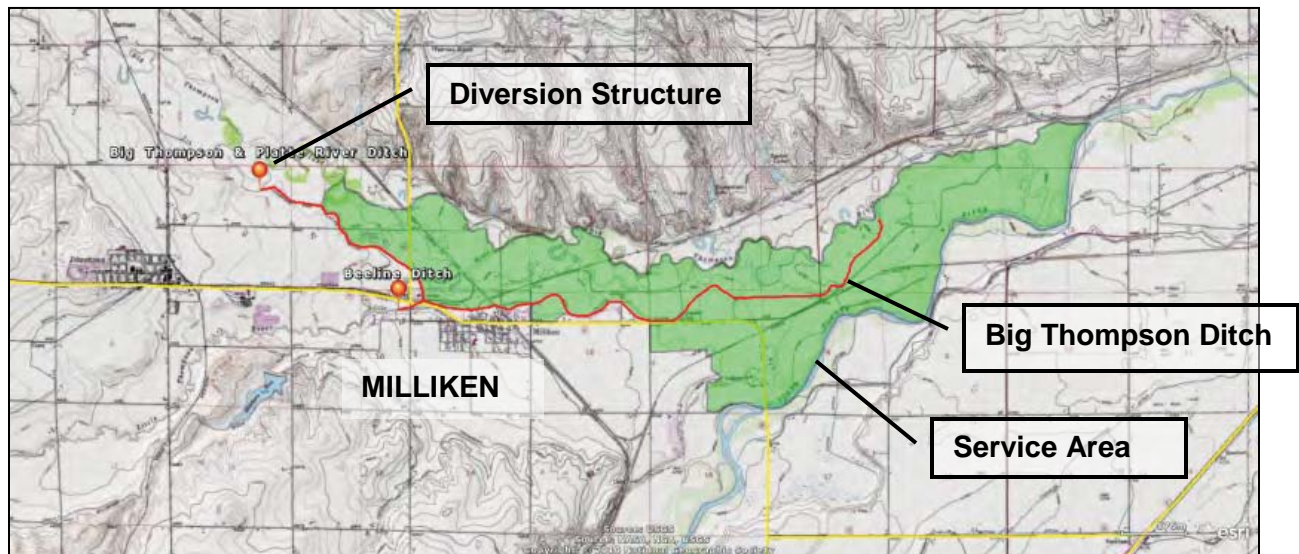
Type of Borrower: Blended

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**

C150374

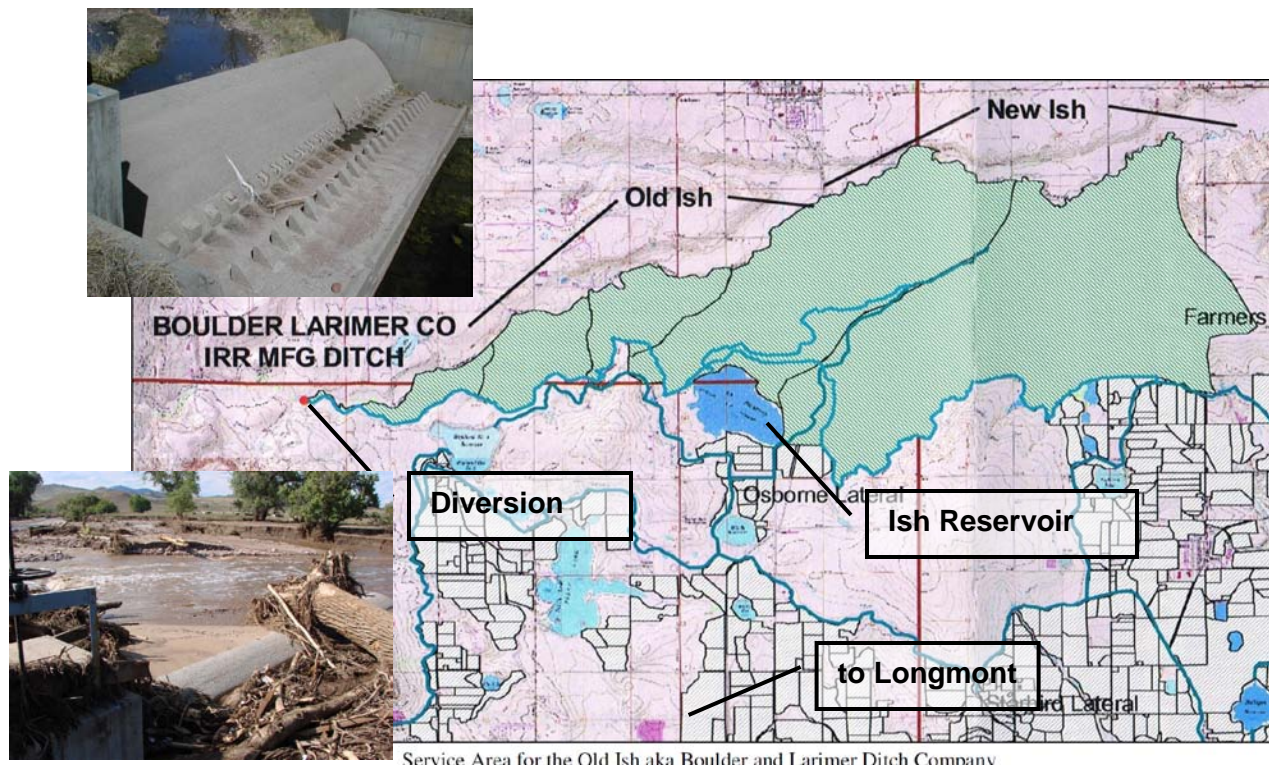
Borrower: Boulder & Larimer County
Irrigating & Manufacturing Ditch Company
Project Name: Boulder & Larimer Diversion
Structure Repair
Drainage Basin/ District: South Platte / 4

County: Boulder & Larimer**Project Type:** Diversion Rehabilitation**Water Source:** Big Thompson River**Total Project Cost:** \$200,000**Funding Source:** Severance Tax PBF**Type of Borrower:** Blended Rate**Average Annual Diversion:** 4,500 AF

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

Interest Rate: 1.90% **Term:** 30-years
(81% Ag, 19% Mid)

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 Project includes the repair of the diversion structure and Ish Reservoir Inlet. The scope of work for the diversion structure repairs involves removing debris from the dam and inlet 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 inlet washout repairs involves creating a new path for the Company's ditch through this area. This will involve creating a permanent foundation secured to bedrock and building a new water conveyance system on top of this foundation.



**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

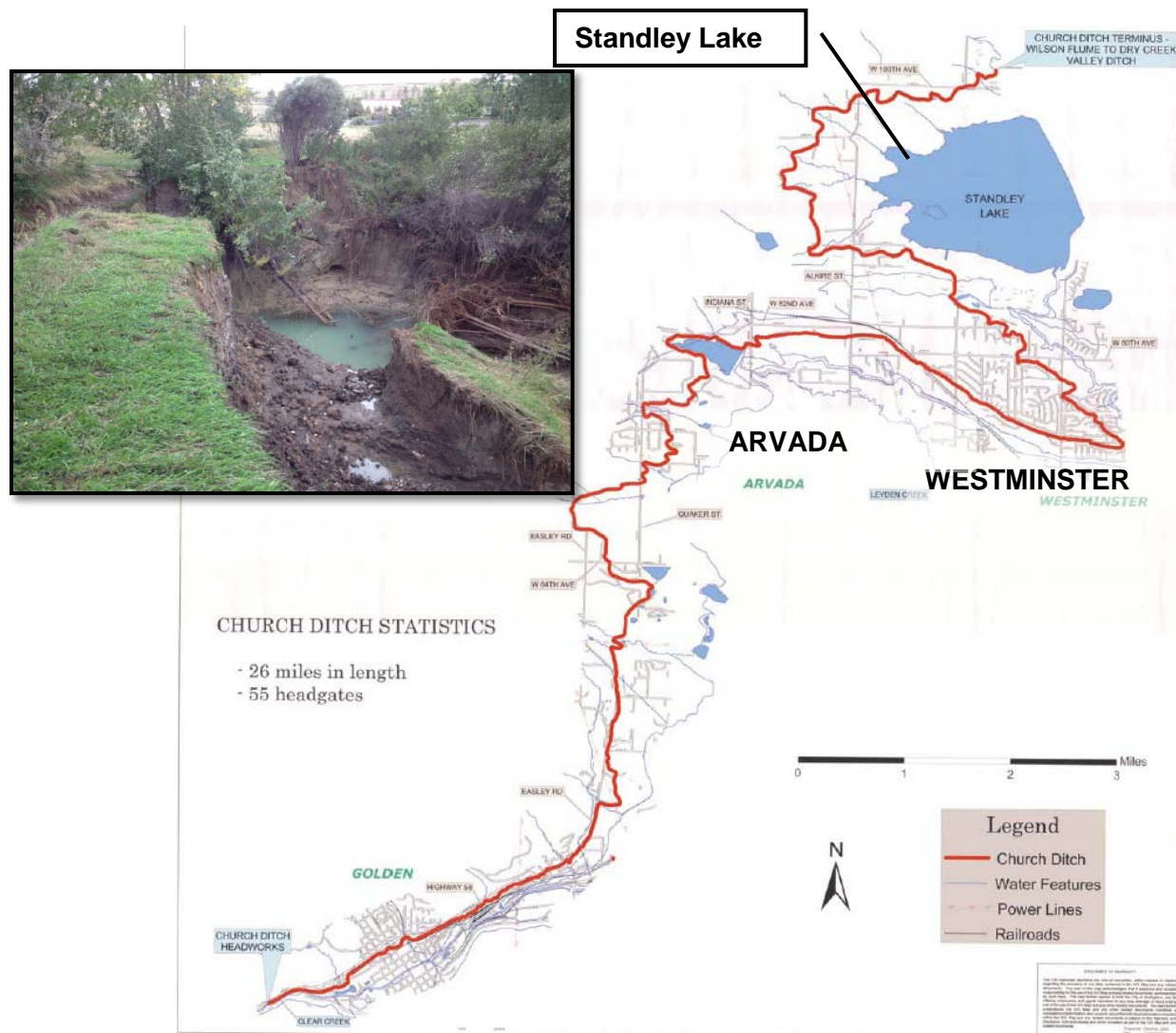
Type of Borrower: Blended

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.



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

C150375**Borrower:** Consolidated Home Supply Ditch
& Reservoir Company**County:** Larimer**Project Name:** Big Dam Diversion Structure
Repair**Project Type:** Diversion Rehabilitation**Drainage Basin/ District:** South Platte / 4**Water Source:** Big Thompson River**Total Project Cost:** \$1,600,000**Funding Source:** Severance Tax PBF**Type of Borrower:** Blended**Average Annual Diversion:** 22,000 AF**CWCB Loan:** \$1,616,000
(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 "Big Dam" diversion structure. During the flood, the top five feet of the masonry 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.



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

C150380

Borrower: Consolidated Home Supply Ditch
& Reservoir Company

County: Larimer

Project Name: George Rist Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: Big Thompson River

Total Project Cost: \$444,000

Funding Source: Severance Tax PBF

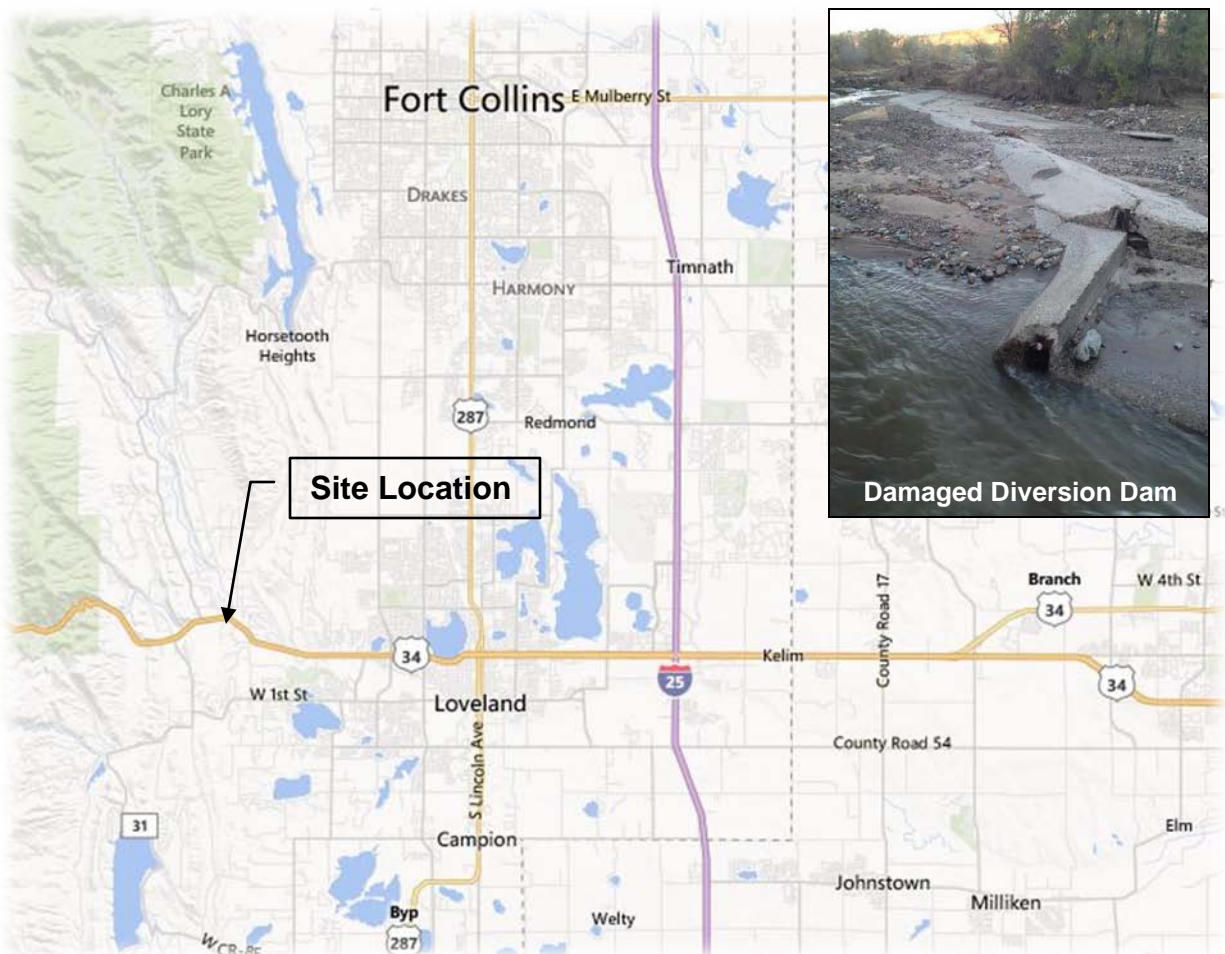
Type of Borrower: Blended

Average Annual Diversion: 22,000 AF

CWCB Loan: \$448,440
(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 was 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.



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

C150390

Borrower: Culver Lateral Ditch Company

County: Boulder/Larimer

Project Name: Culver Mahoney Ditch Repair

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 4

Water Source: Little Thompson River

Total Project Cost: \$150,000

Funding Source: Severance Tax PBF

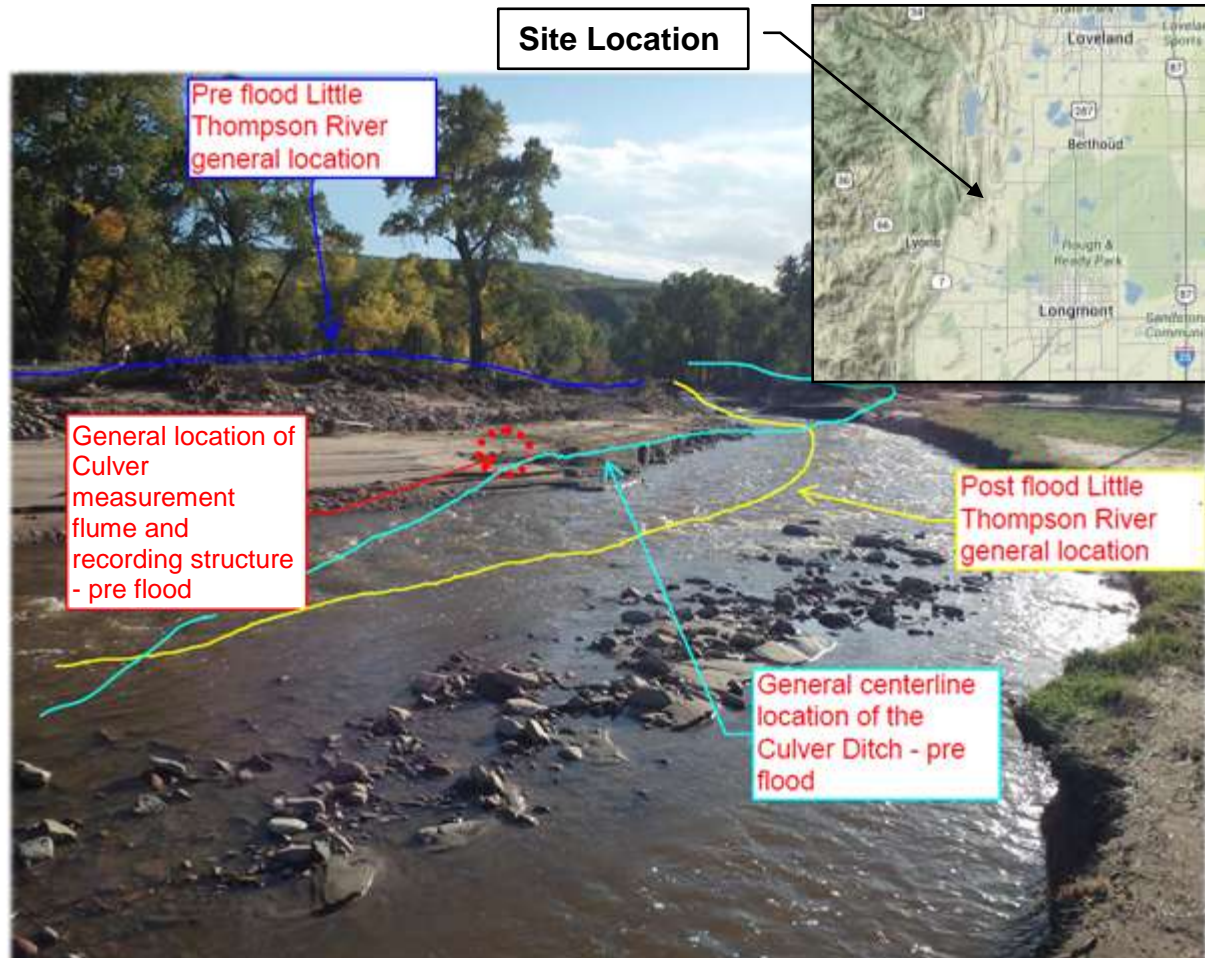
Type of Borrower: Blended

Average Annual Diversion: 1,200 AF

CWCB Loan: \$151,500
(with 1% service fee)

Interest Rate: 2.30% **Term:** 30-years
(41% Ag, 59% Mid)

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 diversion dam, headgate structure, sand gates, measurement flume, and recording structure were damaged. 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.



**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

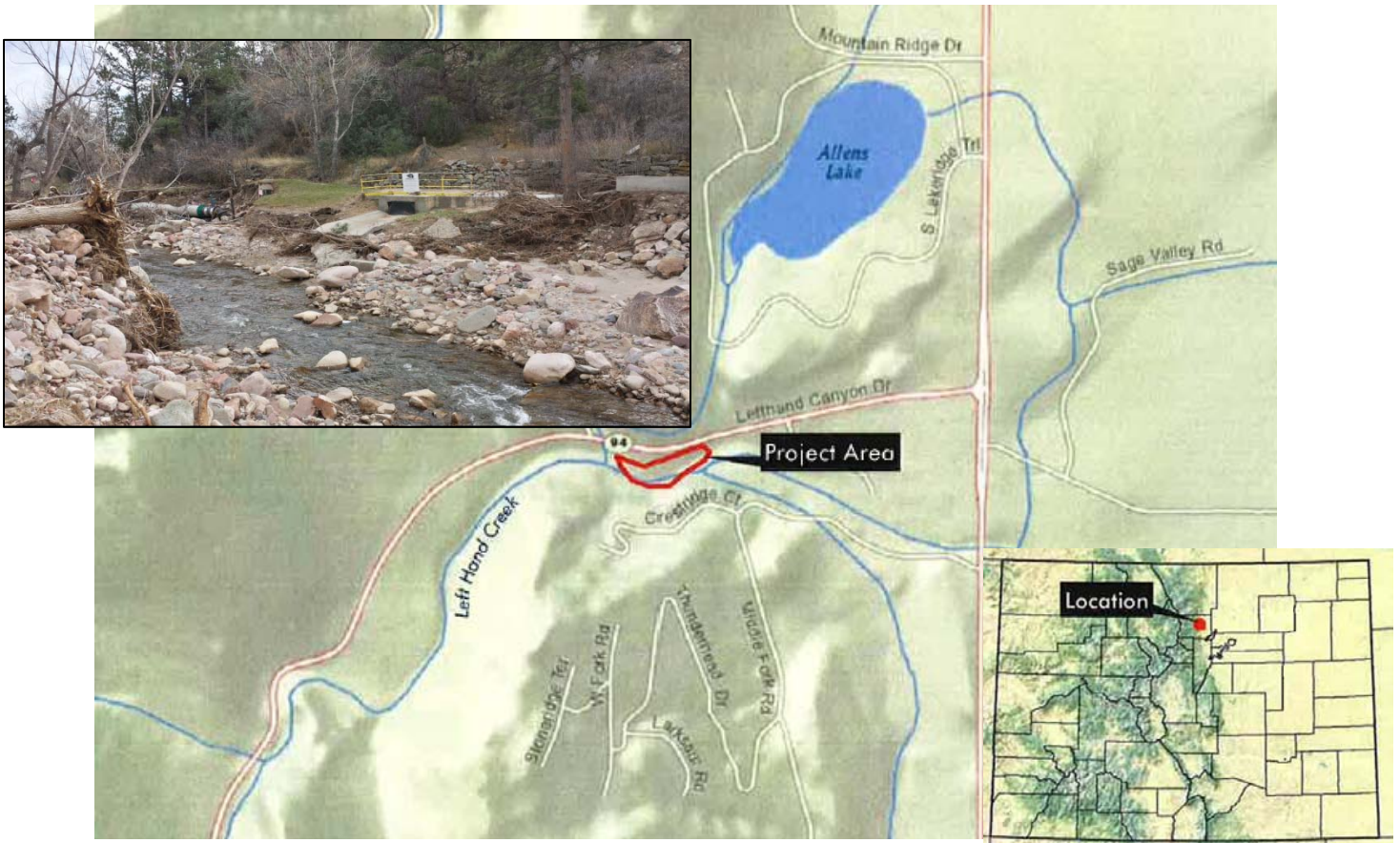
Type of Borrower: Agricultural/Municipal

Average Annual Diversion: 3,000 AF

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

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

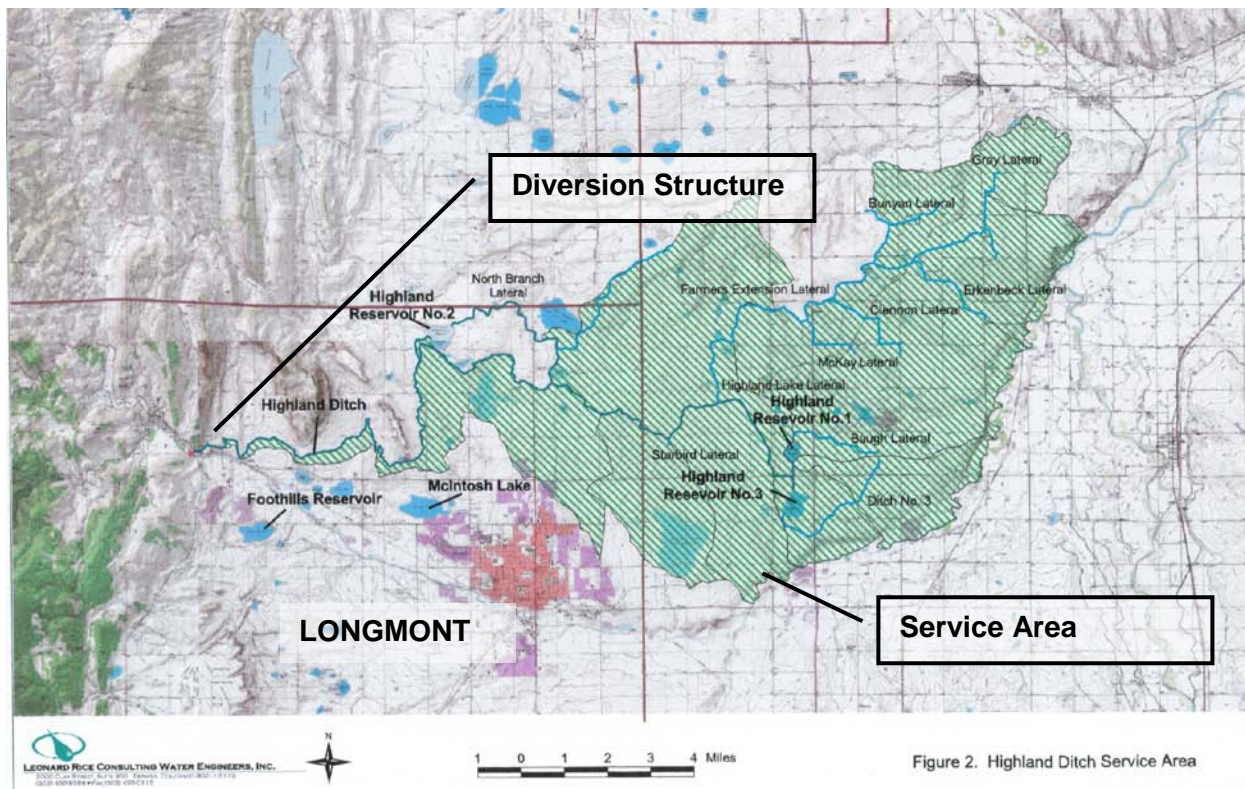
The Haldi Ditch is located within the Left Hand Ditch Company's system and within the Left Hand Water District. The Haldi Ditch conveys Left Hand Ditch Company shares via a pipeline for irrigation users and as a raw water source for the Left Hand Water District's Spurgeon Water Treatment Plant and two 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.



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

Borrower: Ish Reservoir Company

County: Boulder

Project Name: Inlet Ditch & Diversion
Structure Repair

Project Type: Diversion Rehabilitation

Drainage Basin/ District: South Platte / 6

Water Source: Little Thompson River

Total Project Cost: \$205,000

Funding Source: Severance Tax PBF

Type of Borrower: Blended

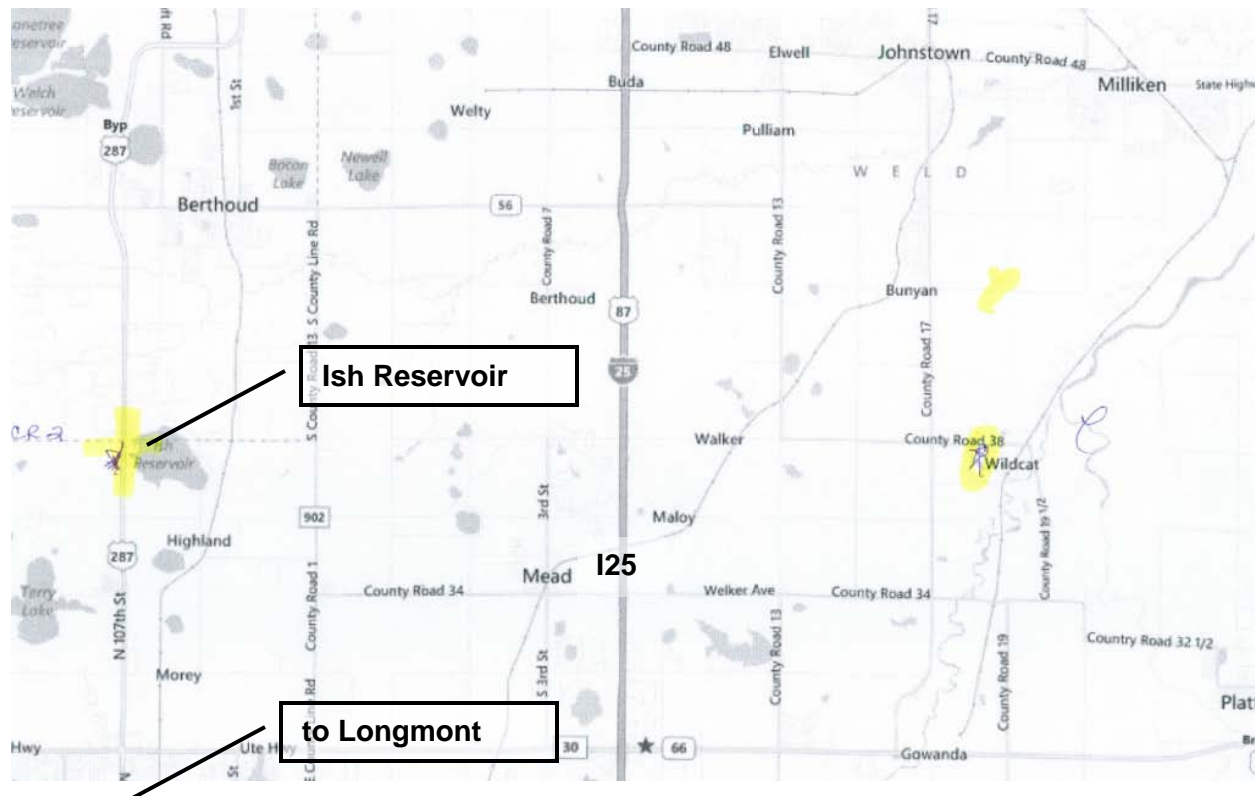
Average Annual Diversion: 4,500 AF

CWCB Loan: \$207,050
(with 1% service fee)

Interest Rate: 1.75% **Term:** 30-years
(99% Ag, <1% Mid, <1% Com)

Project consists of the repair of the diversion structure and Ish Reservoir inlet. The scope of work for the diversion structure involves removing debris from the dam and inlet 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.

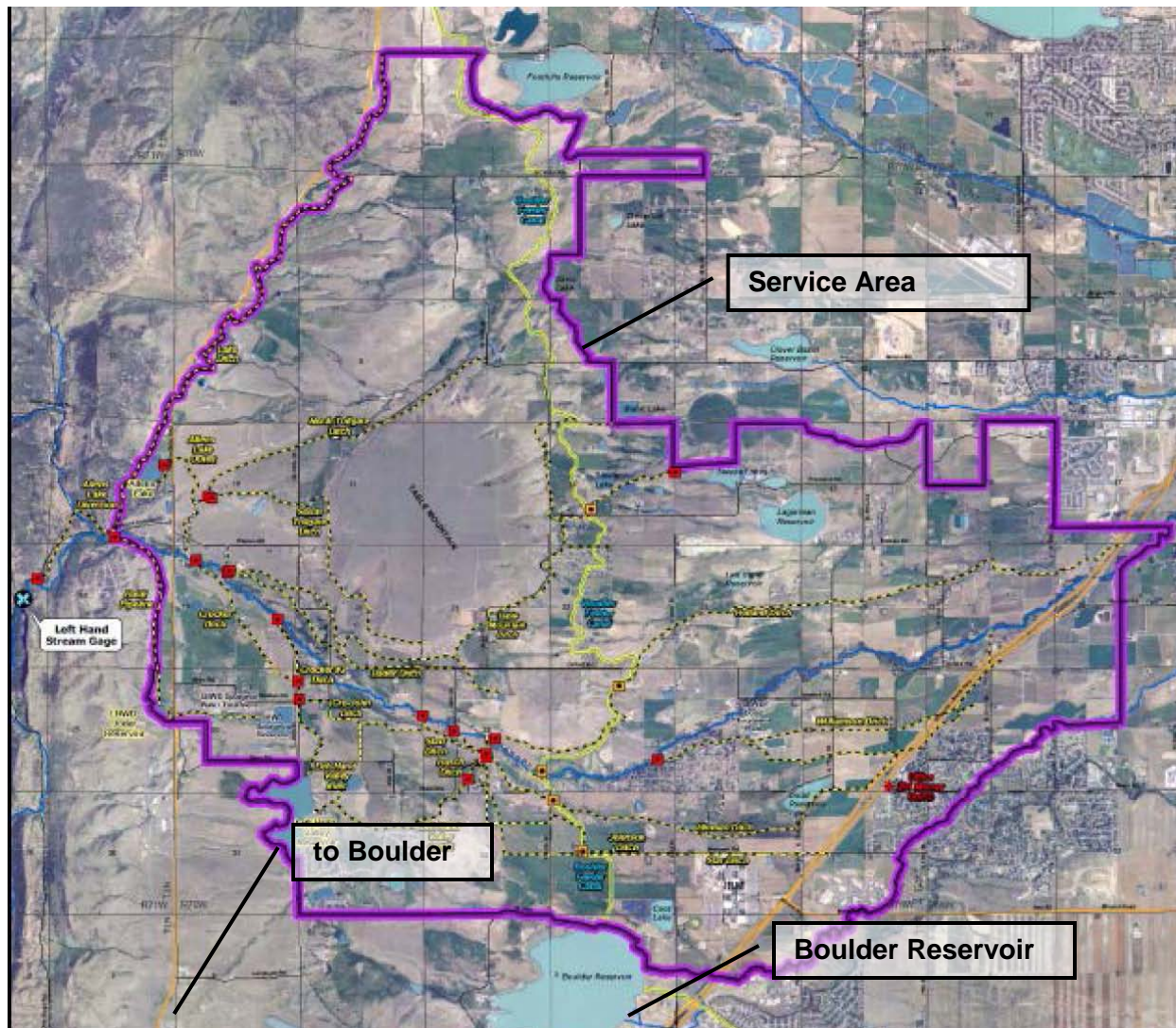
The scope of work for inlet washout repairs involves creating a new path for the Company's ditch through this area. This involves creating a permanent foundation secured to bedrock and building a new water conveyance system on top of this foundation.



**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 ditches: 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

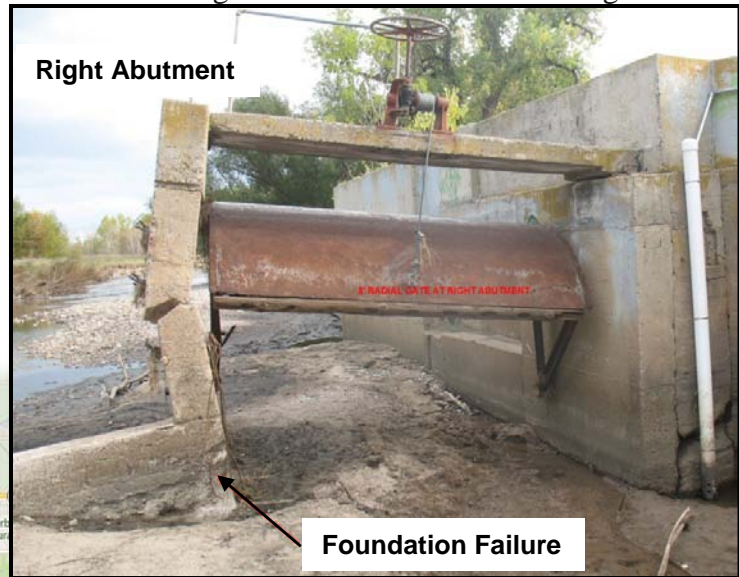
Type of Borrower: Blended

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

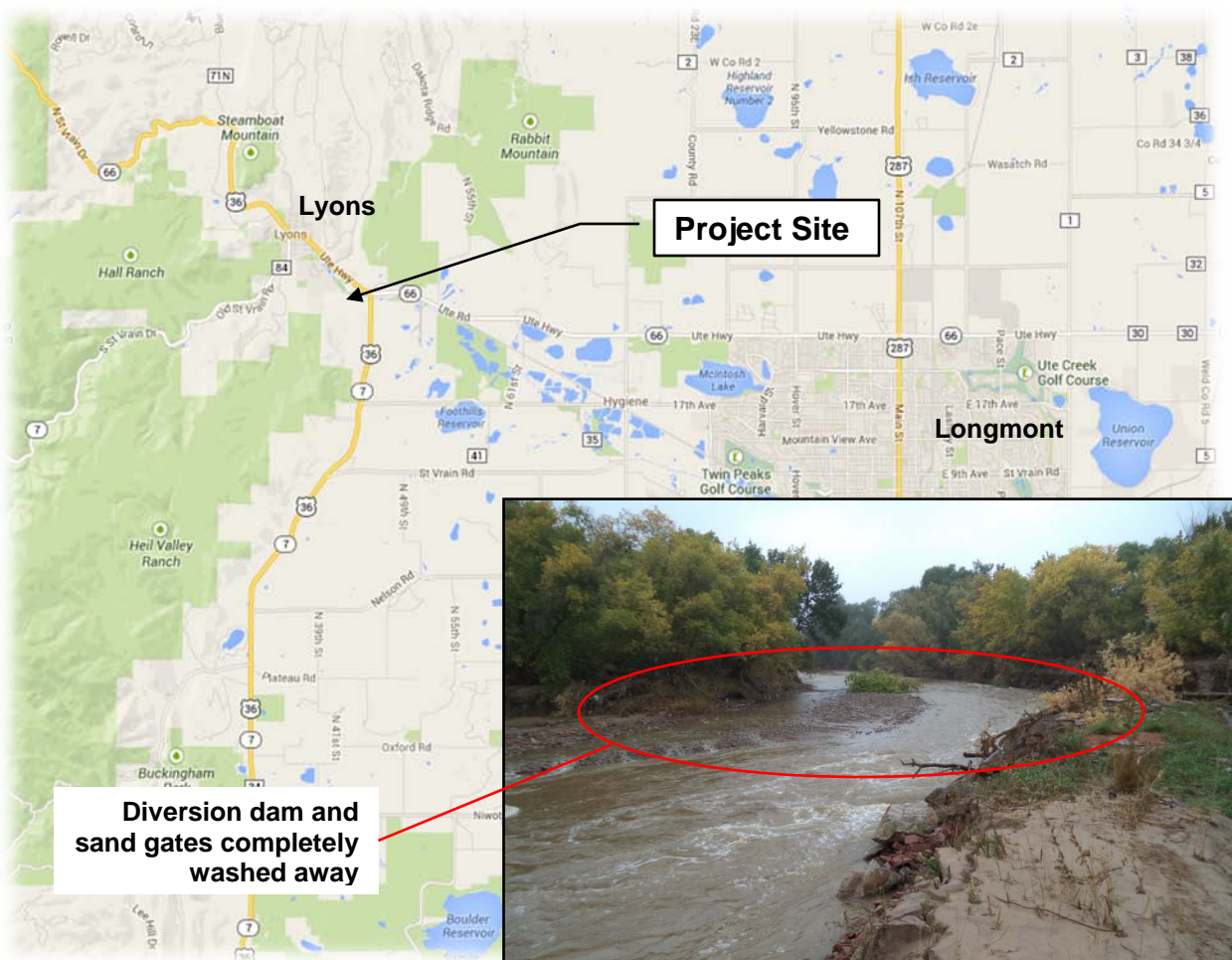
Borrower: Rough & Ready Irrigating
Ditch Company
Project Name: Rough & Ready Ditch River
Diversion Structure Repair
Drainage Basin/ District: South Platte / 5

County: Boulder**Project Type:** Diversion Rehabilitation**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**

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**

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 breached 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

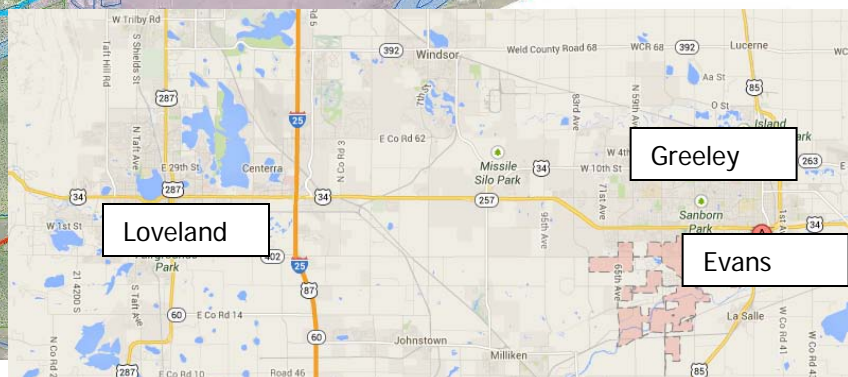
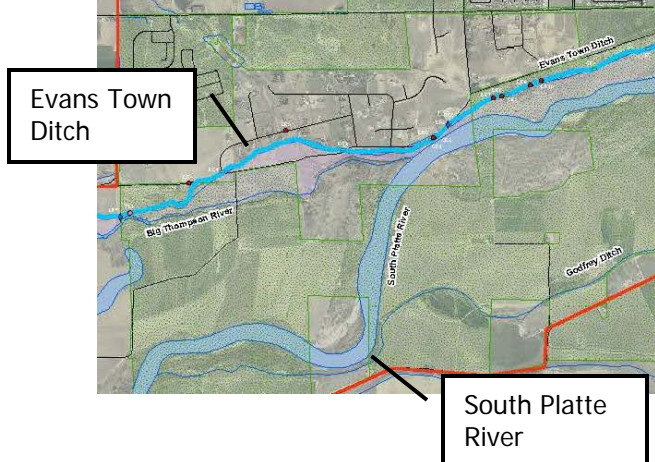
Water Source: Big Thompson

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.



**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)

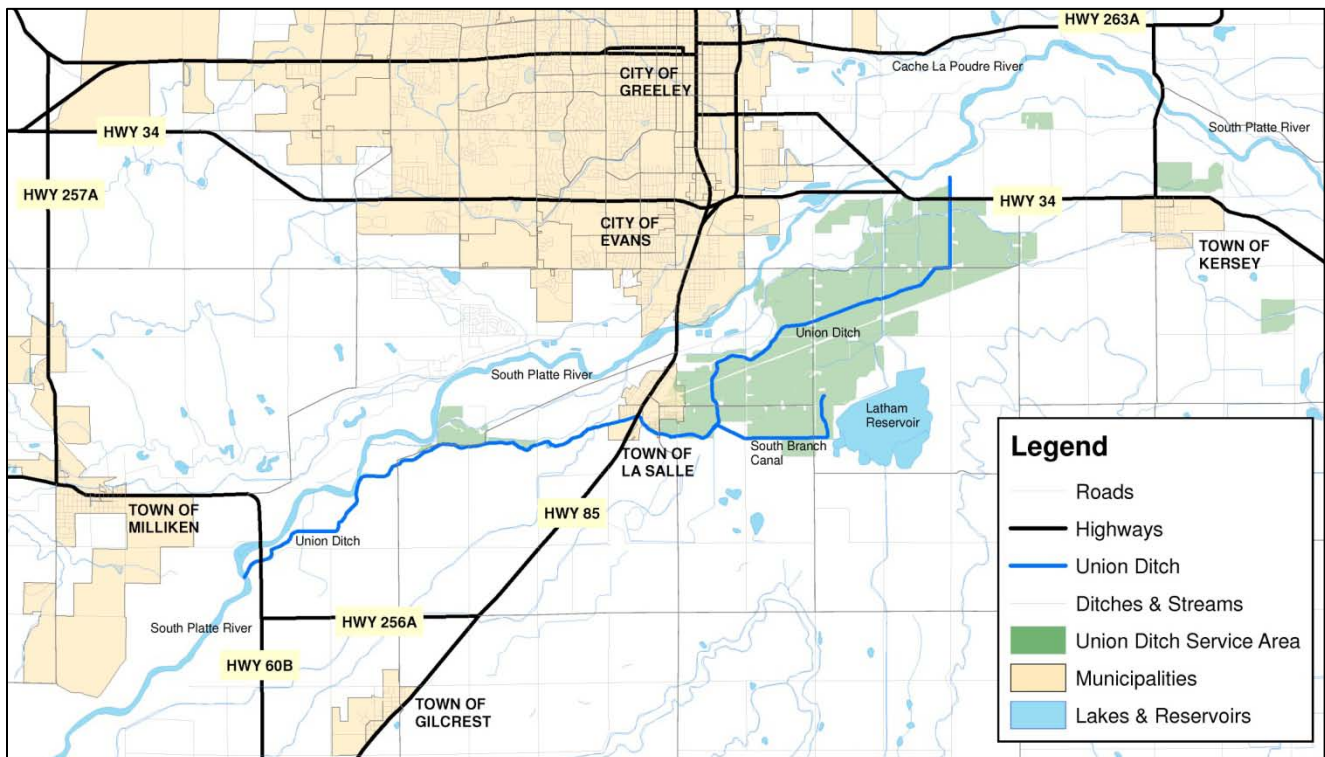
During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Green Ditch. Additionally the flood relocated Boulder Creek at this location and water no longer flows 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**

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.



**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.



STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

John W. Hickenlooper
Governor

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

Mike King
DNR Executive Director

DATE: January 10, 2014

James Eklund
CWCB Director

SUBJECT: **Directors Report January 27-28, 2014 Board Meeting
Finance – Design & Construction Status Report**

The CWCB Loan Program has Substantially Completed fifteen (15) projects in Calendar Year 2013 as shown in Table 1. There are currently 56 projects authorized to receive loan funding totaling \$198 million. There are 39 projects currently under contract and in the Design and Construction phase totaling \$108 million. There are an additional twenty (20) Emergency Loans approved totaling \$17 million shown on 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	Big Elk Meadows Assoc.	Raw Water System Improvements	Boldr/Larimr	\$272,700	2/1/13
2	Center of CO Water Cons Dist	Smelter Pipeline Res Enlargement	Park	\$404,000	2/1/13(a)
3	Henrylyn Irrigation District	Horse Creek & Prospect Res Rehab	Weld	\$2,184,327	2/1/13(b)
4	Two Rivers Water Co	Orlando Reservoir Rehabilitation	Huerf/Pueb	\$1,184,882	3/1/13
5	Parkville Water District	Canterbury Tunnel Repair	Lake	\$1,838,200	2/1/13
6	Farmers Res & Irrigation Co	Milton Res & Barr Lake Imprv Proj.	Adms/Weld	\$3,535,000	4/1/13
7	Ogilvy Augmentation Co	Well Augmentation	Weld	\$1,010,808	4/1/13
8	Montezuma Valley Irr Co	May Lateral Pipeline	Montezuma	\$5,292,400	4/1/13
9	Montezuma Valley Irr Co	Lone Pine & May Lateral Improv.	Montezuma	\$339,600	4/1/13
10	Fort Morgan Res & Irr Co	Pipeline – Augmentation Retiming	Morgan	\$1,494,800	5/1/13
11	Fort Morgan Res & Irr Co	River Diversion Rehab Project	Morgan	\$1,308,960	5/1/13
12	New Salida Ditch Co	Ditch Rehabilitation	Chaffee	\$365,620	8/1/13
13	La Veta, Town of	La Veta Dam Rehabilitation	Huerfano	\$372,690	9/1/13(c)
14	Union Ditch Co	Well Augmentation Project	Weld	\$312,595	12/1/13
15	Platte Valley Irr. Co.	Equalizer Reservoir Project	Weld	\$2,388,650	12/1/13
		Total		\$22,305,000	

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

BIG ELK MEADOWS ASSOCIATION RAW WATER SYSTEM IMPROVEMENTS PROJECT



Before and after photos of the Meadow Lake outlet structure

Project Description

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

Project Data

Sponsor: Big Elk Meadows Association

County: Boulder/Larimer

Water Source: West Fork of the Little Thompson River

Substantial Completion: February 1, 2013

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

Design Engineer: Gauthiere Engineering, Greeley, CO

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

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

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



Before and after photos from Smelter Pipeline Reservoir Dam

Project Description

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

Project Data

Sponsor: Center of Colorado Water Conservancy District

County: Park

Water Source: Michigan Creek

Substantial Completion: February 1, 2013

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

Design Engineer: TZA Water Engineers, Lakewood, CO

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

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

HENRYLYN IRRIGATION DISTRICT HORSE CREEK AND PROSPECT RESERVOIR REHABILITATION PROJECT



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

Project Description

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

Project Data

Borrower: Henrylyn Irrigation District

County: Weld

Water Source: Denver-Hudson Canal

Substantial Completion: February 1, 2013

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

Design Engineer: Smith Geotechnical, Fort Collins, CO

Contractor: Zak Dirt, Inc., Longmont, CO

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

**TWO RIVERS WATER COMPANY
ORLANDO RESERVOIR REHABILITATION PROJECT**



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

Project Description

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

Project Data

Sponsor: Two Rivers Water Company

County: Huerfano & Pueblo

Water Source: Huerfano River

Substantial Completion: March 1, 2013

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

Design Engineer: Applegate Engineering, Denver, CO

Contractor: SLV Earth Movers, Monte Vista, CO

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

**Parkville Water District
CANTERBURY TUNNEL REPAIR PROJECT**



Project Description

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

Project Data

Sponsor: Parkville Water District

County: Lake

Water Source: Canterbury Tunnel

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

Substantial Completion: February 1, 2013

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

Contractor: Stan Miller, Inc., Breckenridge, CO

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

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



Project Description

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

Project Data

Sponsor: Farmers Reservoir and Irrigation Company

County: Adams & Weld

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

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

Substantial Completion: April 1, 2013

Design Engineer: Ecological Resource Consultants, Inc

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

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

Ogilvy Augmentation Company AUGMENTATION PROJECT



Project Description

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

Project Data

Sponsor: Ogilvy Augmentation Company

County: Weld

Water Source: Cache La Poudre

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

Substantial Completion: April 1, 2013

Design Engineer: NoCo Engineering Inc., Loveland

Contractor: Four C Sons, Kersey

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

**Montezuma Valley Irrigation Company
MAY LATERAL PIPELINE PROJECT**



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

Project Data

Sponsor: Montezuma Valley Irrigation Company

County: Montezuma

Water Source: Dolores River

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

Substantial Completion: April 1, 2013

Design Engineer: AgriTech Consulting

Contractor: Montezuma Valley Irrigation Company

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

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



Project Description

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

Project Data

Sponsor: Montezuma Valley Irrigation Company

County: Montezuma

Water Source: Dolores River

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

Substantial Completion: April 1, 2013

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

Contractor: Montezuma Valley Irrigation Company

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

Fort Morgan Reservoir and Irrigation Company GROVES PIPELINE PROJECT



Project Description

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

Project Data

Sponsor: Fort Morgan Reservoir & Irrigation Company

County: Morgan

Water Source: South Platte River

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

Substantial Completion: May 1, 2013

Design Engineer: Civil Design Group, Greenwood Village CO

Contractor: Interstate Irrigation Company, Yuma CO

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

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



Project Description

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

Project Data

Sponsor: Fort Morgan Reservoir & Irrigation Company

County: Morgan

Water Source: South Platte River

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

Substantial Completion: May 1, 2013

Design Engineer: Nation Engineering Services LLC, Fort Collins CO

Contractor: Ransom Boone Excavating, Fort Morgan CO

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

**New Salida Ditch Company
DITCH REHABILITATION PROJECT**



Project Description

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

Project Data

Sponsor: New Salida Ditch Company

County: Chaffee

Water Source: Arkansas River

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

Substantial Completion: August 1, 2013

Design Engineer: Colorado River Engineering, Inc, Rifle CO

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

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

**TOWN OF LA VETA
NORTH LAKE DAM REHABILITATION PROJECT**



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

Project Description

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

Project Data

Sponsor: Town of La Veta

County: Huerfano

Water Source: Cucharas River

Substantial Completion: September 1, 2013

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

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

Contractor: Glacier Construction, Greenwood Village, CO

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

Interest Rate: 2.50% Term: 30 years

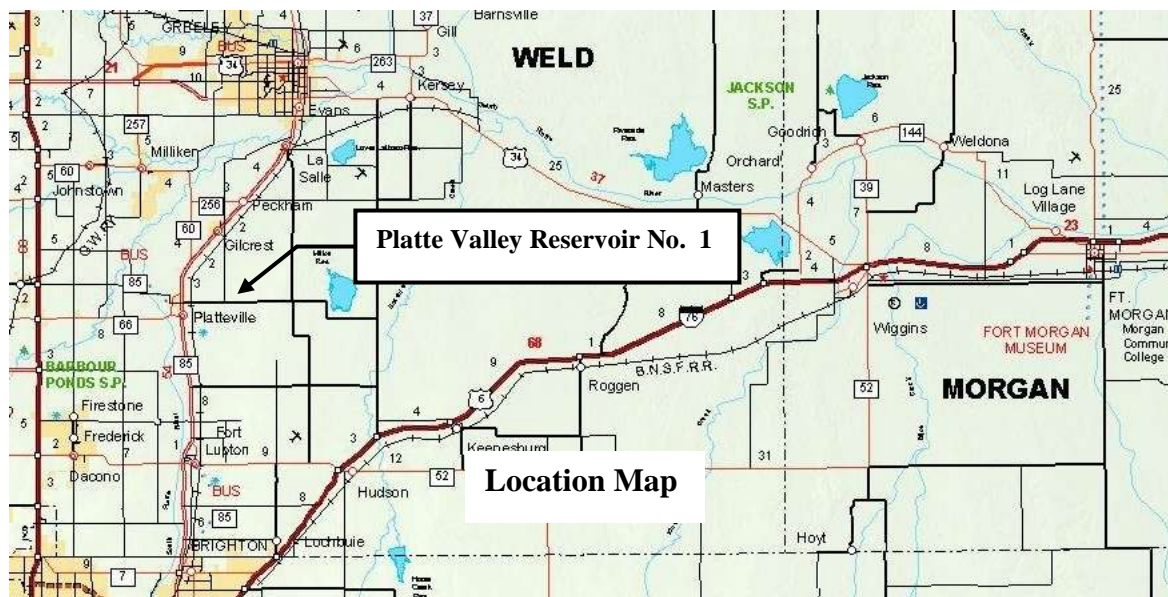
The map shows the city of Greeley, Colorado, and its surrounding areas. Major roads are labeled, including Highway 34, Highway 283, and Highway 37. Key landmarks include the Delta, Lower Latham Reservoir, and the Greeley River. The project location is marked with a black dot and labeled 'Project Location'.

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Water Project Construction Loan Program - Project Data

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

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



Colorado Water Conservation Board

Water Project Loan Program

Project Design Construction Status Report

Status Description/Update

Current Projects in Design or under Construction

Borrower/Project

County

Amount

Status

Design

Construction

Status

PM

1	Bergen Ditch & Reservoir Company > Bergen Reservoir No. 2 Rehabilitation C150344	Jefferson	\$ 2,020,000	30%	2014 - 2015	0%	JH	Bergen soliciting bids for engineering/geotech. Delay is to fill other reservoirs in order to drain Bergen #2.
2	Boulder & Lefthand Irrigation Company > Tracy Lateral Pipeline C150357	Boulder	\$ 159,075	80%	Nov 13 - Jul 14	0%	JH	Construction set to begin winter/spring 2014.
3	Central CO WCD - WAS > Augmentation Water Supply Project C150337	Weld/ Adams/ Morgan	\$ 3,030,000	50%	Apr 13 - Apr 15	20%	JH	Purchased a portion of the water rights on 4/25/13.
4	Colorado Parks & Wildlife > Beaver Park Reservoir Rehabilitation C150343	Rio Grande	\$ 10,000,000	Ph1 100% P2 60%	Summer '13 & Summer '14	30% 0%	KR	Phase 1 Alsand Construction \$2M. Spillway & Grout work near complete. Phase 2 design 100%. Const. expected in 2014.
5	Crystal Lakes Water and Sewer Association > Lower Lone Pine Lake Enlargement Project C150325	Larimer	\$ 2,363,400	100%	Apr 12 - Aug 14	40%	AM	Construction began in September 2013. SC expected in the Fall 2014.
6	Dillon, Town of > Old Dillon Reservoir Enlargement C150295	Summit	\$ 1,515,000.00	100%	Sep 10 - Jul 13	99%	KR	Construction is complete and accepted. As-built drawings indicated areas of the dam that were not at the correct elevation. Repair work is underway. Partial fill allowed. SC expected in the Summer 2014.
7	Eckhardt Farms Inc > Water Rights Purchase C150338	Weld	\$ 1,336,230.00	N/A	Jan 13 - Jan 17	0%	AM	Water rights purchases are expected to occur in mid 2014.
8	Farmers' High Line Canal and Reservoir Company > System Rehabilitation Project C150314	Adams/ Jefferson	\$ 1,410,768.00	100%	Feb 11 - Feb 15	80%	JH	The Co. received a loan increase of nearly \$900K in November 2012. Siphons complete. Clear Creek diversion 50% complete will resume in fall 2013.
9	Fisher Ditch Company > Ditch Infrastructure Project C150319	Denver	\$ 454,500	100%	Nov 12 - Dec 13	20%	JH	The Broadway Pipeline task was completed December 2012. The Headgate Rehabilitation task is scheduled for construction this winter pending permitting issues. Sandout gate installation scheduled for this winter. Timing of the Federal Piping are T.B.D.
10	Fowler, Town of > Augmentation Pipeline Project C150359	Otero	\$ 277,245	100%	Nov 13 - July 14	0%	AM	Construction to begin in winter/spring 2014.
11	Georgetown, Town of > Outlet Works Modification Project C150321	Clear Creek	\$ 2,976,975	50%	Jan 14 - Jul 14	0%	AM	Final design is underway. Construction is expected to begin in the spring of 2014.

Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Construction		Status Description/Update
Borrower/Project	County	Amount	Status	Start/End	Status	PM		
12 Greeley Irrigation Company > Greeley Canal No. 3 Rehabilitation C150239	Wled	\$ 2,233,867.00	90%	Feb 08 - Jul 13	90%	KR	Nearly complete. The Company is working on their SCADA system and the realignment and reshaping of various sections of existing channel.	
13 Gypsum, Town of > LEDE Ditch and Reservoir Rrehabilitation C150296	Eagle	\$ 2,689,731.00	100%	Jul 13 - Jul 14	15%	KR/ DJ	The Town received a WSRA grant for an enlargement of the Reservoir. The supply pipeline completed in Sept 2010. Permitting effort continues with construction expected in summer 2013. Wildlife mitigation plan to be approved.	
14 Joseph W. Bowles Reservoir Company > Bowles No. 1 Dam Rehabilitation C150290	Jefferson	\$ 1,703,870.00	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 winter/spring 2014.	
15 Henrylyn Irrigation District > Prospect Res Dam Facing Project C150358	Weld	\$ 2,967,279	100%	Oct 13 - Oct 14	0%	JH	Dam design complete and has received SEO Dam Safety approval. Construction began fall 2013.	
16 Lake Canal Reservoir Company > North Gray Reservoir Rehab Project C150299	Larimer/ Weld	\$ 116,625.00	20%	Sep 15 - Jan 14	0%	JH	The Company's engineer is working on the design.	
17 Left Hand Ditch Company > Allen Lake and Lake Isabelle Repair Project C150336	Boulder	\$ 1,157,157	100%	Nov 12 - Aug 14	90%	AM	Allen Lake construction was completed in August 2013. Lake Isabelle repairs we done in the summer/fall of 2013. Final punchlist items will be completed in 2014. Loan increase will be requested by Company in 2014 to complete project.	
18 Lower Latham Reservoir Company > Well Augmentation Project C150304	Weld	\$ 3,811,573.00	100%	Nov 09 - Jul 11	85%	KR/ DJ	The Company has completed its water rights purchase and the construction of the augmentation ponds.LLRC obtained it's irrigation well augmentation decree and it will re-focus it's attention on the recharge facility work.	
19 Mancos Water Conservancy District > Inlet and Outlet Canal Rehabilitation C150120	Montezuma	\$ 5,486,531.00	100%	Jan 04 - Jan 14	98%	KR	Rehabilitation of ditch system involving retaining walls and access road along the ditch was complited in 2009. Additional 1000ft of ditch lining under constructed in October 2013.	
20 Missouri Heights - Mountain Meadows Irrigation Company > Irrigation Ditch lining Project C150351	Eagle/ Garfield	\$ 454,500	100%	Sept 13 - Jan 14	90%	KR	Installation of HDPE locking channel liner installed in fall of 2013. Project should resume in spring. SC expected in summer 2014.	
21 Monte Vista, City of > Augmentation Water Rights Acquisition C150309	Rio Grande	\$ 1,693,770.00	n/a	Oct 10 - Jul 14	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.	
22 North Delta Irrigation Company > NDIC Tunnel Repair Project C150331	Delta	\$ 808,000	100%	Jan 12 - Dec 12	99%	KR	Construction of tunnel pipe was completed in the summer of 2012. Additional work is required in order to achieve adequate flows. Waiting for As-built drawings.	

Design and Construction Status Report

Current Projects in Design or under Construction			Loan		Design		Construction		Status Description/Update	
Borrower/Project			County	Amount	Status	Start/End	Status	PM		
23	Ordway Feedyard, LLC > Raw Water Line Extension Project C150349	Crowley	\$ 2,525,000	100%	May 13 - Nov 13	99%	AM	Grant funds have been spent in full. Construction of pipeline is complete. Waiting on as-builts to close out project.		
24	Overland Ditch and Reservoir Company > Overland Reservoir Rehabilitation C150206	Delta	\$ 1,130,000.00	50%	Permitting	0%	DJ	Project on-hold until fens can be addressed in enlarged reservoir area.		
25	Owl Creek Reservoir Company > Owl Creek Reservoir Rehabilitation C150089	Weid	\$ 1,125,000.00	99%	On Hold	0%	TF	The Company received bids and does not have enough funds to complete the project. The Company has expended approximately \$450,000 to-date for permitting, soils, and design and will need an additional \$600,000 to complete the project. A project partner is being sought.		
26	Penrose Water District > Water Rights Purchase and Pipeline Installation C150237	Fremont	\$ 8,844,570.00	80%	Oct 10 - July 14	50%	DJ	Water rights purchased in 2005. Water court application filed in 2006. Brush Hollow Res. Closing in 2011. Ark river well field purchased in 2012. Final design underway. Construction in 2014		
27	Petrocco Family Limited Partnership > Water Rights Purchase C150363	Adams/ Weid	\$ 840,825	N/A	Dec 13 - July 14	0%	JH			
28	Pisgah Reservoir and Ditch Company > Mount Pisgah Dam/Wrights Reservoir Rehab C150341	Teller	\$ 161,345	75%	Spring 14 - Dec 16	0%	JH	After SEO design review, scope of Project increased.		
29	Ridgway, Town of > Lake Otonowanda Rehabilitation Project C150340	Ouray	\$ 606,000	50%	July 13 - July 15	0%	KR	Land acquisition phase. Const expected in summer 2014		
30	Riverside Ditch and Allen Extension Company > Ditch System Rehabilitation C150301	Chaffee	\$ 186,345.00	85%	Jul 10 - Dec 13	80%	KR	Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the fall 2013. Utilizing NRCS La Junta Fld office for design.		
31	Riverside Reservoir and Land Company > Riverside Reservoir Spillway Enlargement C150291	Weid	\$ 2,838,100.00	80%	Sep 10 - Jan 15	0%	DJ	The engineer is re-evaluating design options with support from the SEO.		
32	Roxborough Water & Sanitation Dist. > Raw Water Supply Project C1503346	Douglas	\$ 18,538,550	99%	Oct 13 - Jun 14	0%	AM	Project Bill (SB-181) approved.		
33	Sanchez Ditch and Reservoir Company > Sanchez Reservoir Outlet Rehabilitation Project C150342	Costilla	\$ 1,128,776	20%	2014 - 2015	0%	AM	Project is in final design phase.		

Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Design		Construction		Status Description/Update
	Borrower/Project	County	Amount	Status	Start/End	Status	PM			
34	Santa Maria Reservoir Company > Siphon and Canal System Rehabilitation Project C150350	Hinsdale/ Mineral	\$ 1,405,163	100%	2014 - 2015	0%	AM	Construction was delayed until the 2014 construction season due to forest fires in the area.		
35	Terrace Irrigation Co > Spillway Replacment Project C150332	Conejos	\$ 2,724,721	100%	Jul 12 - Jul 13	99%	KR	Construction by ASI Contractors is complete. ASI presented claim for \$700K additional work. Denied by TIC and URS. Waiting for SEO final approval		
36	Thunderbird W&S Dist > Lambert Ranch Water Rights Purchase C150320	Douglas	\$ 318,150.00	100%	N/A	0%	JH	Closing has been delayed until 2014 due to easement access to purchased wells.		
37	Tri-County Water Conservancy District > Ridgway Reservoir Micro Hydro Project C150324	Ouray/ Mont/ Delta	\$ 13,130,000	100%	Jul 12 - Jul 14	80%	KR	Construction is underway with energy production expected by October 2013. Project Bill funding now available to Dist.		
38	Twenty Two Road Lateral Company > Twenty Two Road Lateral Replacement Project C150344	Mesa	\$ 517,848	100%	Jan 13 - May 13	99%	KR	Construction complete. SC scheduled for mid 2014.		
39	Upper Arkansas Water Conservancy District > Reservoir Rehabilitation C150192	Chaffe/ Custer	\$ 3,520,000.00	100%	Jun 05 - Jan 14	90%	KR	The project requires Forest Service special use permit and an environmental assessment prior to construction. The initial phase of construction was awarded to ASI, Buena Vista, CO, and completed in May 2007. The enlargement effort is delayed due to NEPA permitting		

Projects Under Contract SubTotal = \$ 108,206,489

Projects Not Under Contract

a	Southeastern CO Water Conserv. District > Arkansas Valley Conduit	Crowley	\$ 60,600,000	In Contracting	KR	Pending Federal Appropriation
b	Lake Durango Water Authority > Source Water Supply Project C150317	LaPlatta	\$ 2,525,000	In Contracting	KR	A condition of contract approval is to have an agreement in place for use of the Outlet Tower in Lake Nighthorse. Agreement expected in spring of 2014.
c	McDonald Ditch Company > Ditch Diversion and Headgate Replacement C150334	Rio Grande	\$ 101,000	In Contracting	JH	Increased in Sept 2013.

Design and Construction Status Report

Current Projects in Design or under Construction				Loan		Design		Construction		Status Description/Update
Borrower/Project		County	Amount	Status	Start/End	Status	PM			
d	San Luis Valley Water Conservancy District > Anaconda Ditch Water Right Acquisition C150348	Alamosa	\$ 839,000	In Contracting			AM			
e	Boxelder Basin Regional Stormwater Authority > Larimer and Weld Canal Crossing Structure Project C150352	Larimer/ Weld	\$ 1,010,000	In Contracting			JH			
f	Boxelder Basin Regional Stormwater Authority > East Side Detention Facility Project C150353	Larimer/ Weld	\$ 7,171,000	In Contracting			JH			
g	Grand Mesa Water Conservancy District > Peak Res. & Blanche Park Res. Rehabilitation C150354	Delta	\$ 227,250	In Contracting			AM			
h	Bellyache Ridge Metro District > Well Replacement Project C150356	Eagle	\$ 169,175	In Contracting			AM			
i	East Mesa Water Company > Ditch Piping Project C150360	Pitkin/ Garfield	\$ 555,500	In Contracting			JH			
j	Lone Cabin Ditch & Reservoir Company > Lone Cabin Dam Rehab. Project C150361	Delta	\$ 252,800	In Contracting			DJ			
k	Greeley & Loveland Irrigation Company > Irrigation System Improvements C150362	Larimer	\$ 3,154,230	In Contracting			JH			
l	Huerfano County Water Conservancy District > Regional Augmentation Project C150364	Huerfano	\$ 2,222,000	In Contracting			AM		Land and water rights purchase to occur in Jan 2014.	
m	Santa Maria Reservoir Company > Continental Dam Spillway Rehabilitation Project C150365	Hinsdale/ Mineral	\$ 3,071,633	In Contracting			AM			
n	Windsor, Town of > Kyger Reservoir Project C150366	Larimer/ Weld	\$ 4,545,000	In Contracting			JH		Project may be delayed due to flood damage. May not delay contracting though.	

Design and Construction Status Report

Current Projects in Design or under Construction			Loan		Design		Construction		Status Description/Update
Borrower/Project			County	Amount	Status	Start/End	Status	PM	
o	Lamar, Town of > Raw Water Transmission Line Replacement C150367	Prowers	\$ 792,850	In Contracting	DJ				
p	Wadley Farms Flng. 3 HOA > Water Rights Purchase C150379	Adams	\$ 727,200.00	In Contracting	JH				
q	North PoudreIrrigation Co > Reservoir No. 4 Rehabilitation C150378	Larimer	\$ 1,636,200.00	In Contracting	JH				

Not Under Contract SubTotal = \$ 89,599,838

Grand Total = \$ 197,806,327

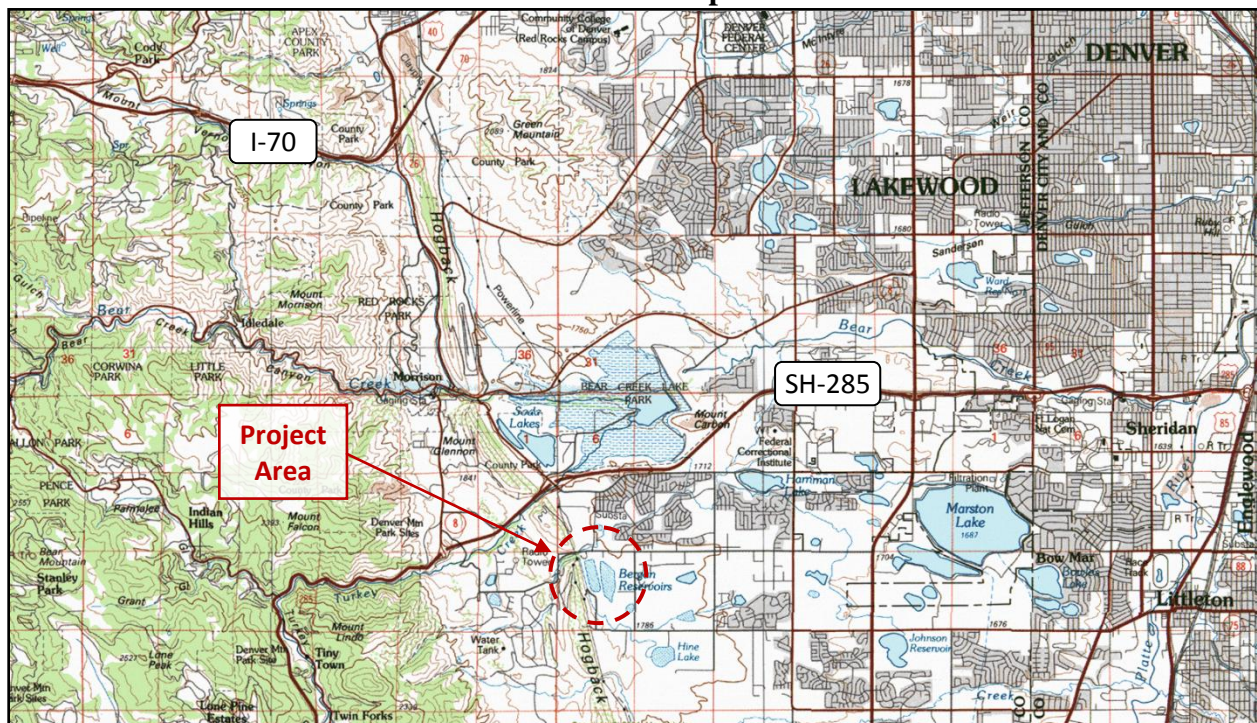
C150344

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**

C150357

Borrower: Boulder and Left Hand Irrigation Company

County: Boulder

Project Name: Tracy Lateral Pipeline at the Wederquist "Y"

Project Type: Ditch Rehabilitation

Drainage Basin/ District: South Platte / 6

Water Source: Boulder Creek

Total Project Cost: \$175,000

Funding Source: Construction Fund

Type of Borrower: Municipal/Agricultural

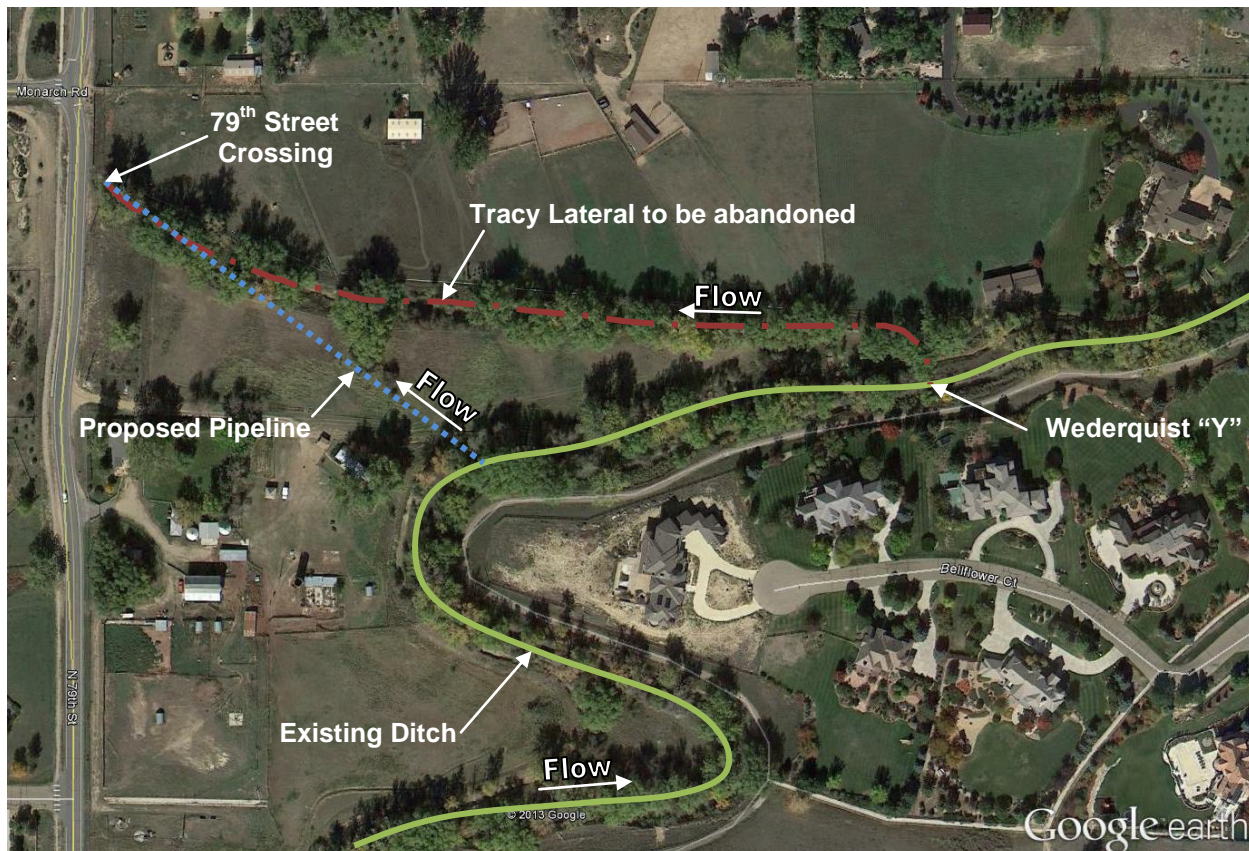
Average Annual Diversion: 2,869

CWCB Loan: \$159,075 (with 1% service fee)

Interest Rate: 2.35% **Term:** 30-years
(Blended)

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

Project Site ———— ○



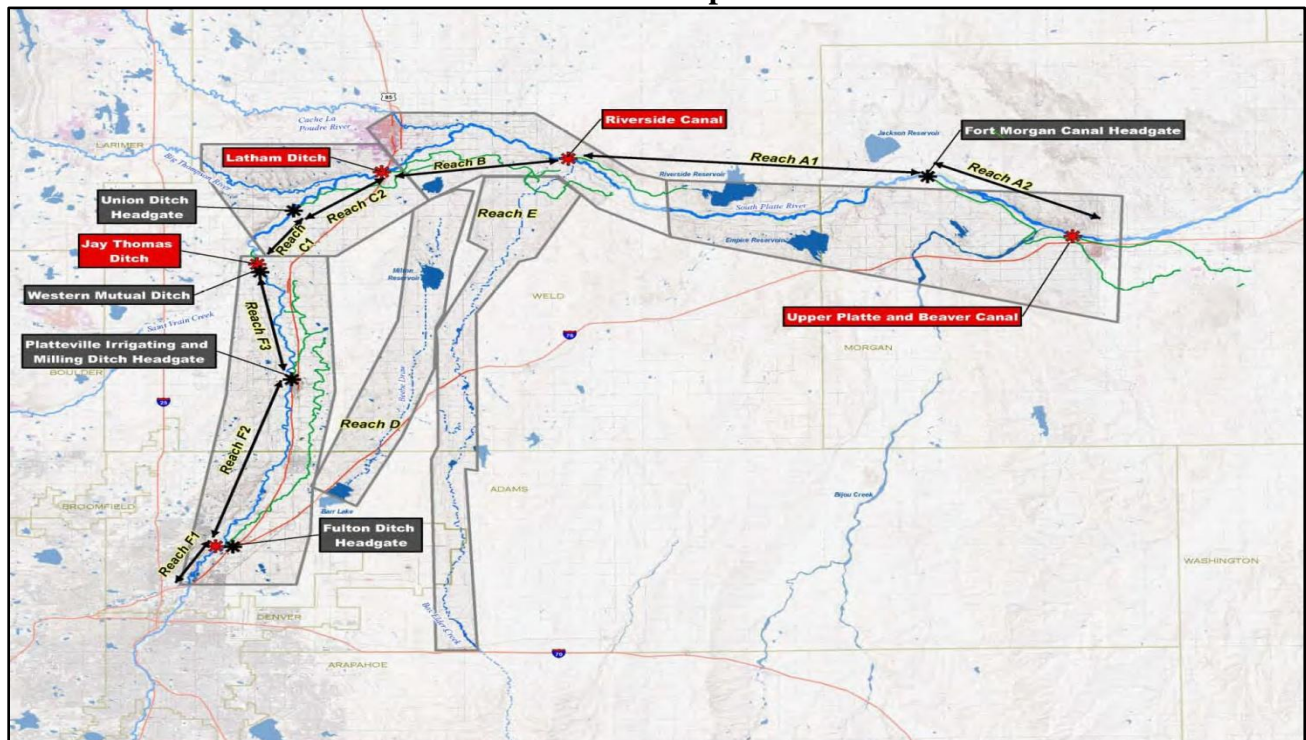
C150337

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

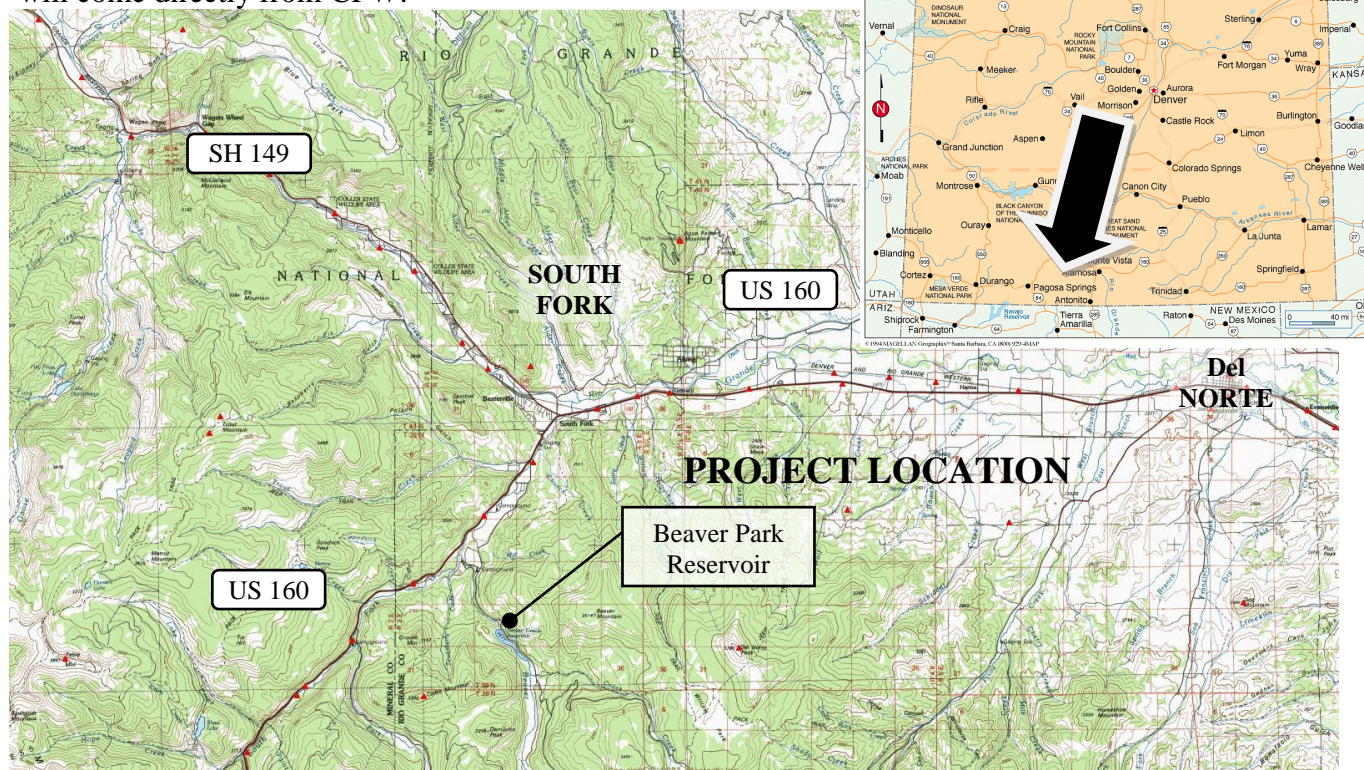


C150343

CWCW Water Project Loan Program Project Data Sheet

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

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



Water Project Loan Program – Project Data Sheet

Borrower: Crystal Lakes Water and Sewer Association

County: Larimer

Project Name: Lower Lone Pine Reservoir Enlargement

Project Type: Reservoir Enlargement

Drainage Basin: South Platte, District 1

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

Total Project Cost: \$2,600,000

Funding Source: Construction Fund

Type of Borrower: Lower-Income Municipal

Avg. Annual Diversion: 271 AF

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

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

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

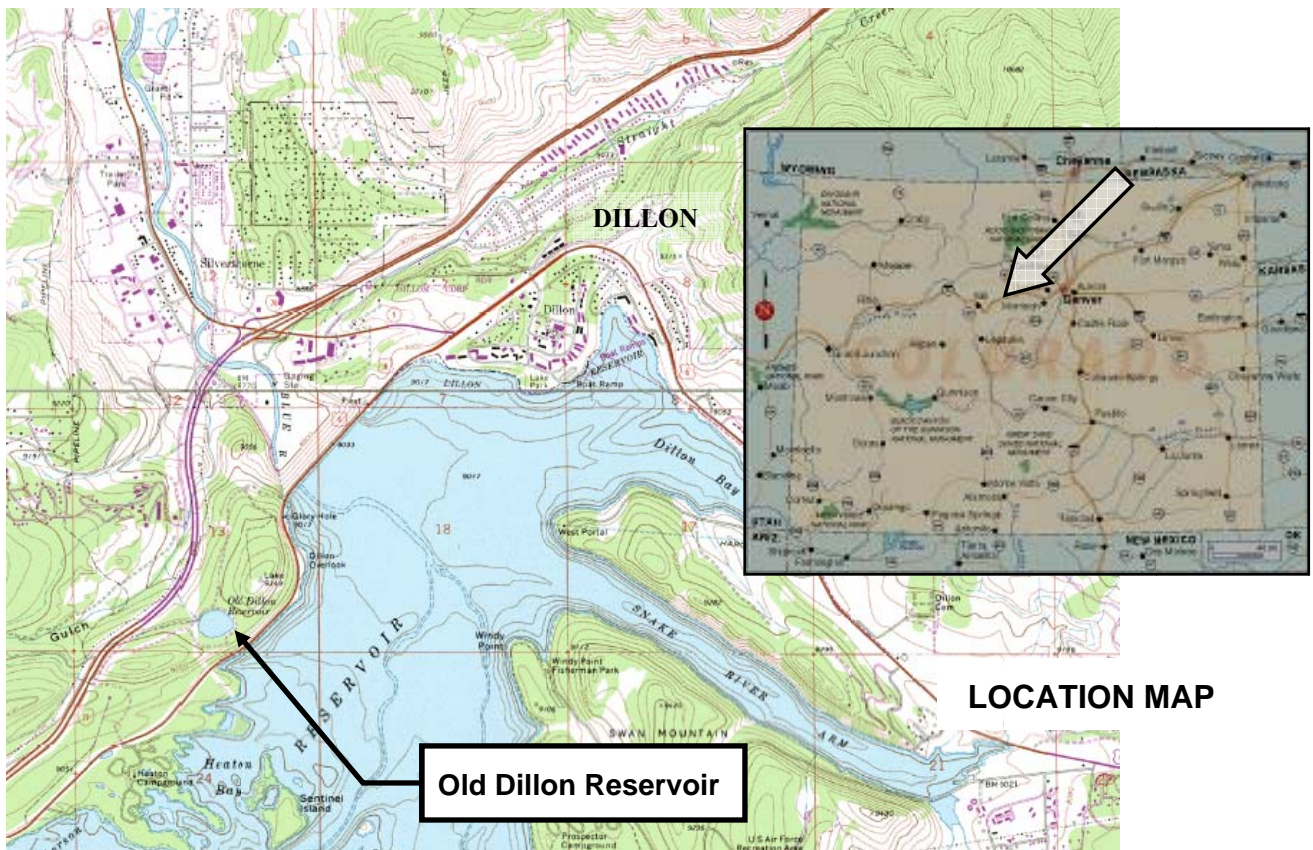
Location Map



CWCB Construction Loan Program Project Data Sheet

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

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

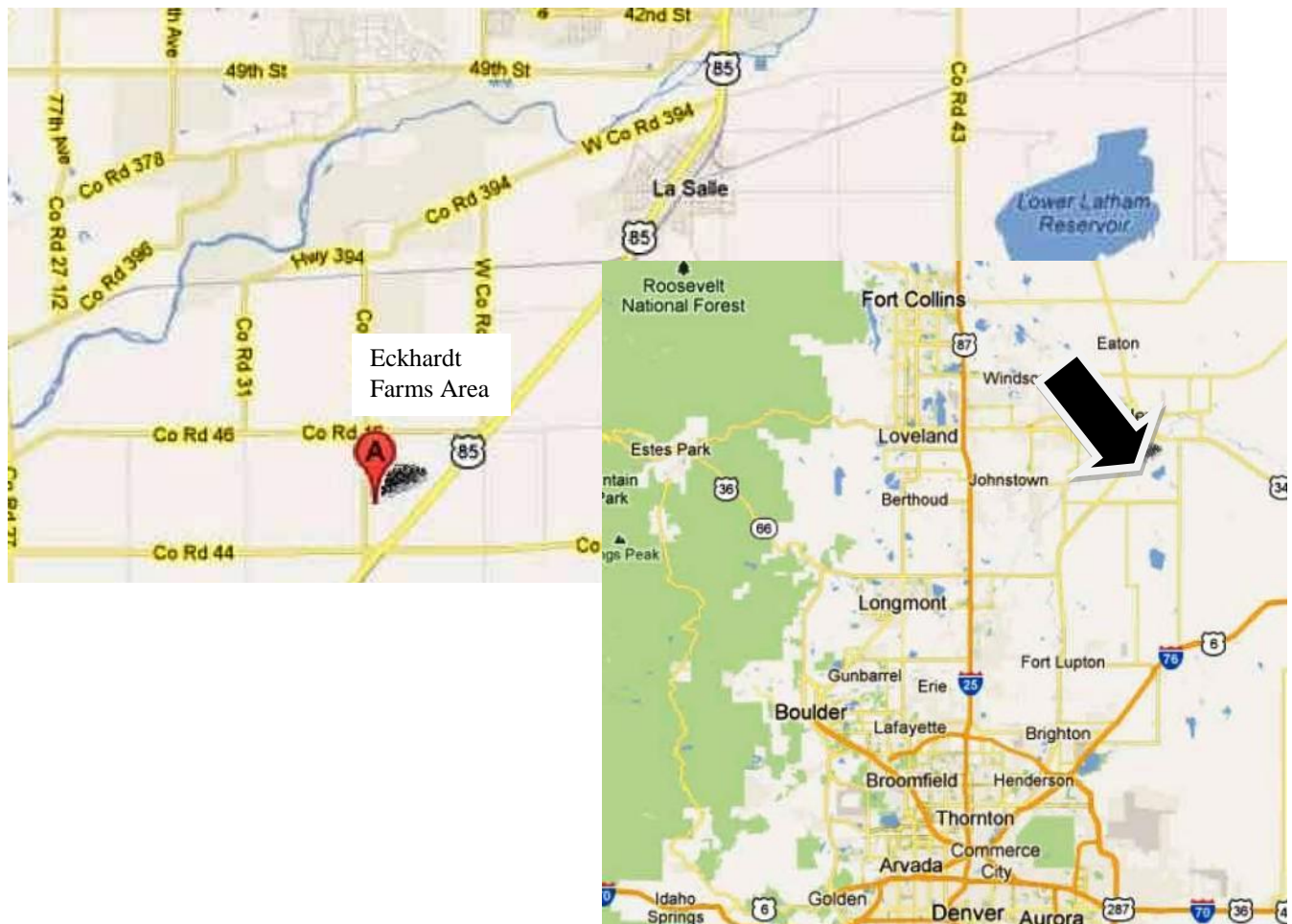


C150338

CWCB Water Project Loan Program Project Data Sheet

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

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



C150314

CWCB Water Project Loan Program Project Data Sheet

Borrower: Farmers' High Line Canal and Reservoir Company

County: Adams/Jefferson

Project Name: System Rehabilitation

Project Type: Ditch Rehabilitation

Drainage Basin/District: South Platte / 7

Water Source: Clear Creek

Total Project Cost: \$2,430,000

Funding Source: Construction Fund

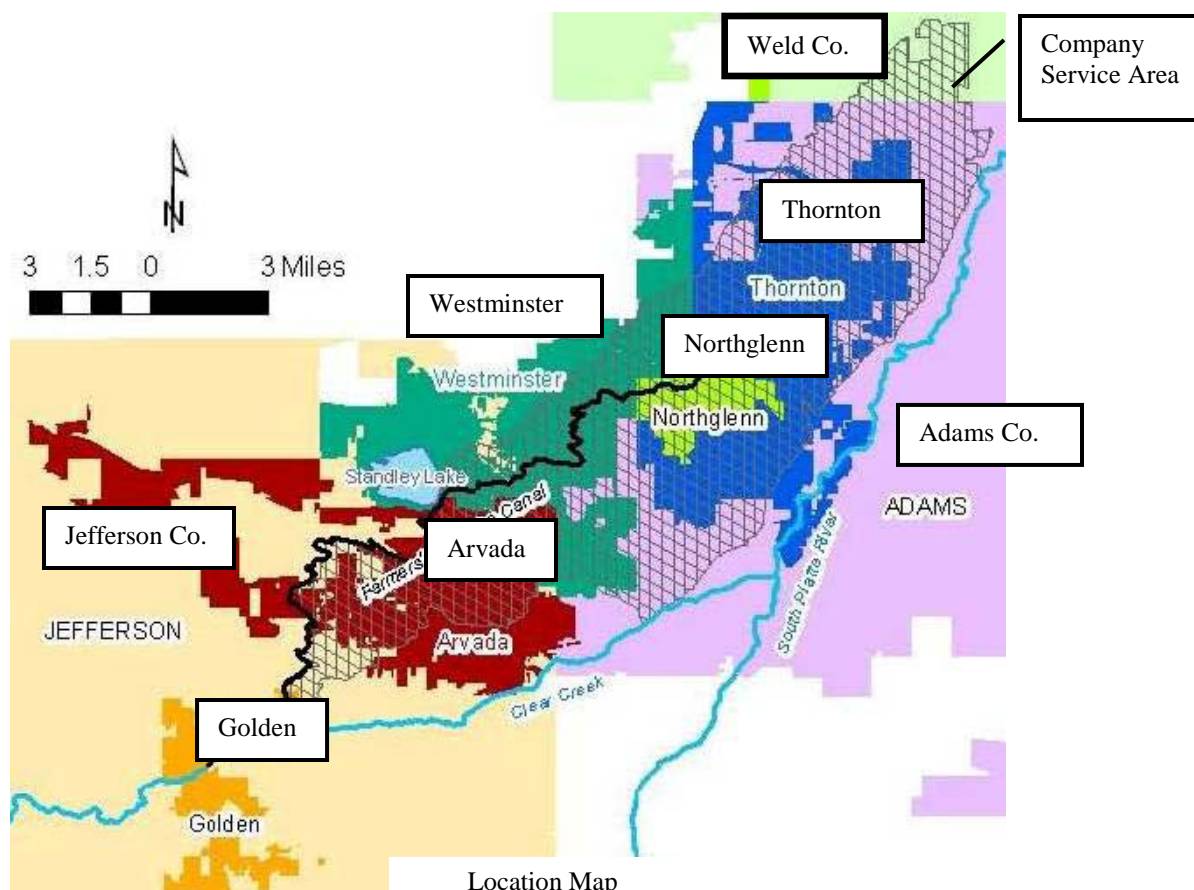
Type of Borrower: Municipal

Water Delivery: 24,000 AF/yr

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

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

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



Location Map

Water Project Loan Program – Project Data Sheet

Borrower: Fisher Ditch Company

County: Denver

Project Name: Ditch Infrastructure Improvements

Project Type: System Rehabilitation

Drainage Basin: South Platte, District 7

Water Source: Clear Creek

Total Project Cost: \$500,000

Funding Source: Construction Fund

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

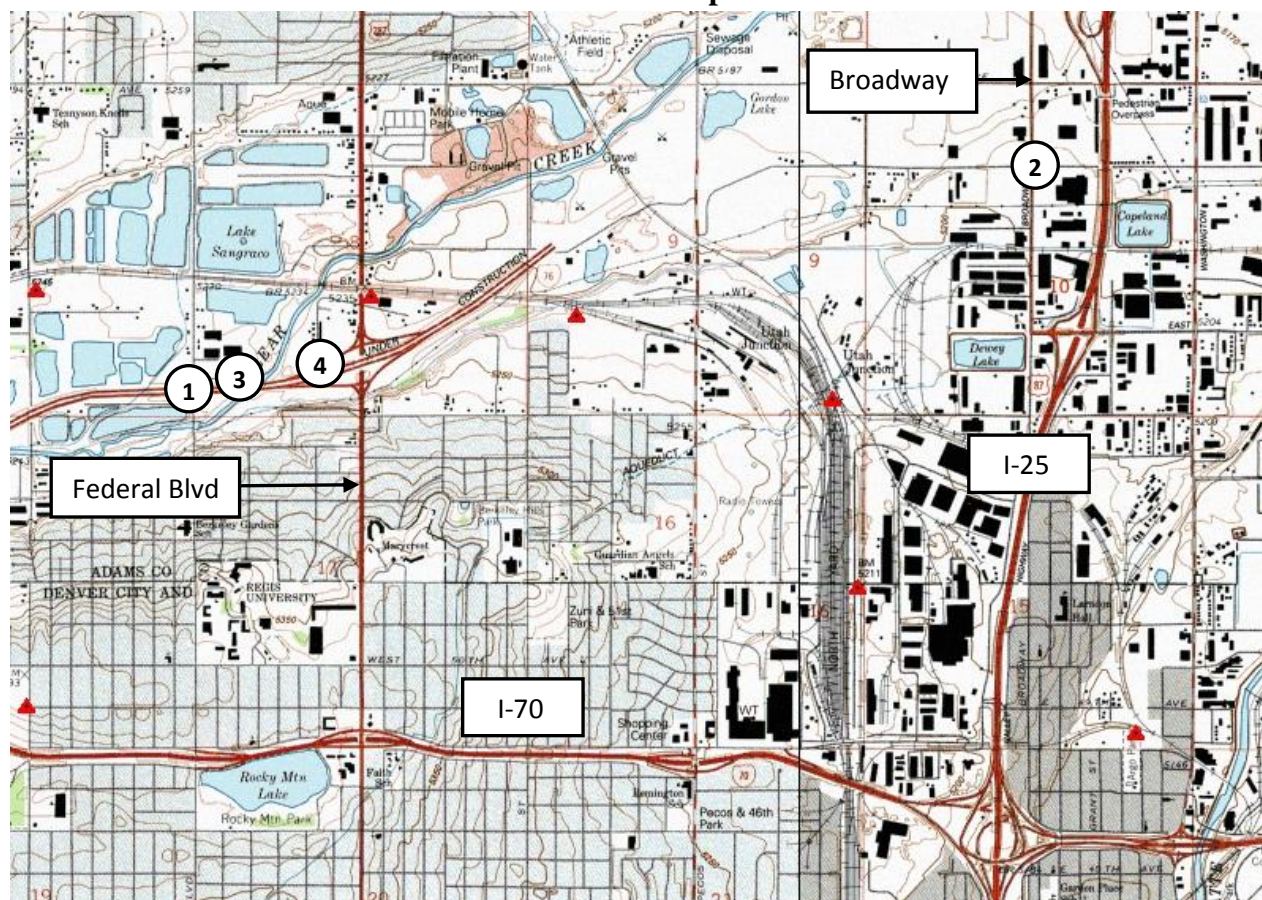
Avg. Annual Diversion: 7,623 AF

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

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

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

Location Map



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

Borrower: Town of Georgetown
(Water and Sewer Enterprise)

County: Clear Creek County

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

Drainage Basin/District: South Platte / 7

Water Source: Clear Creek

Total Project Cost: \$3,275,000

Funding Source: Construction Fund

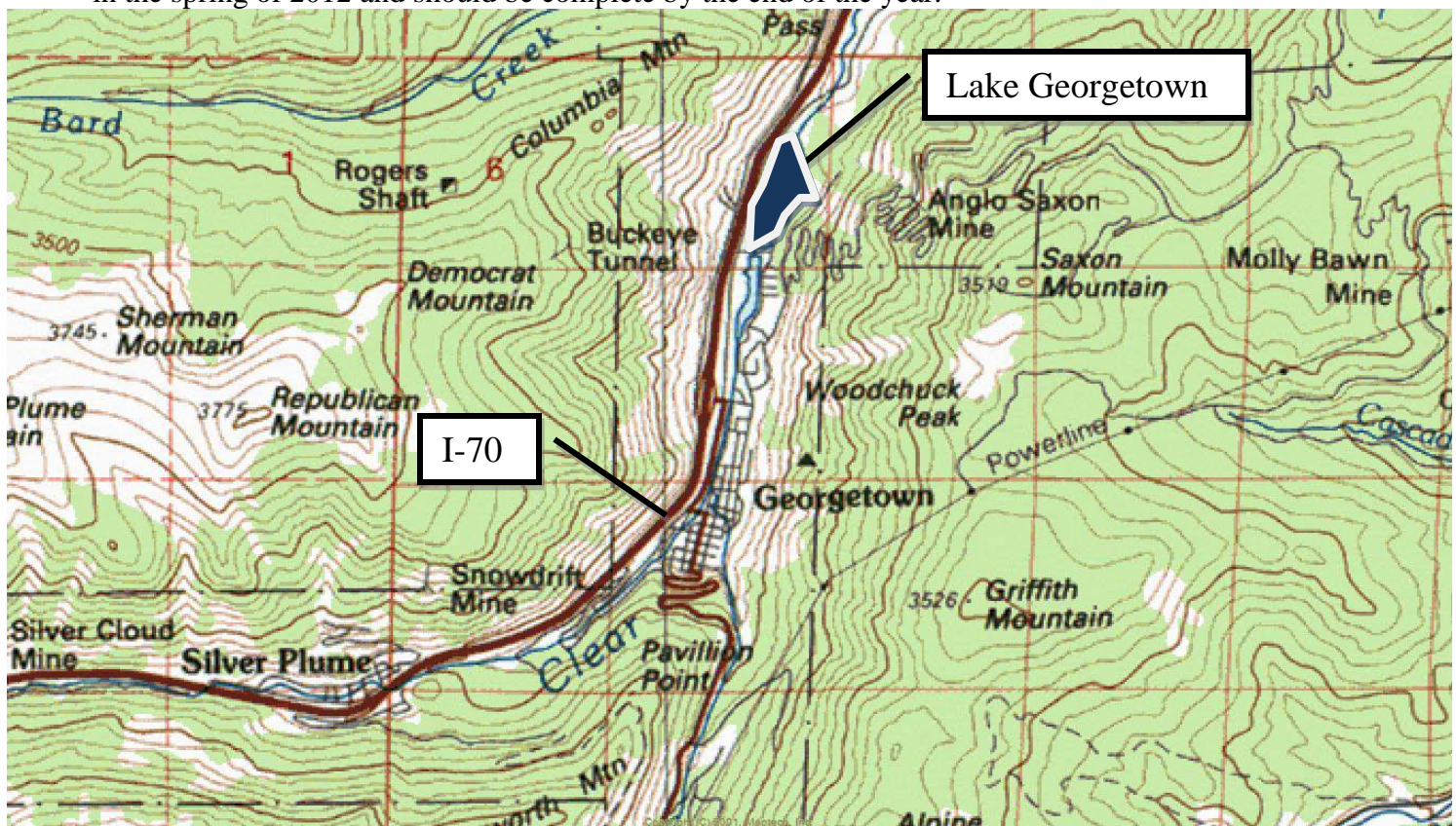
Type of Borrower: Middle-Income Municipal

Average Diversion: 208 AF

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

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

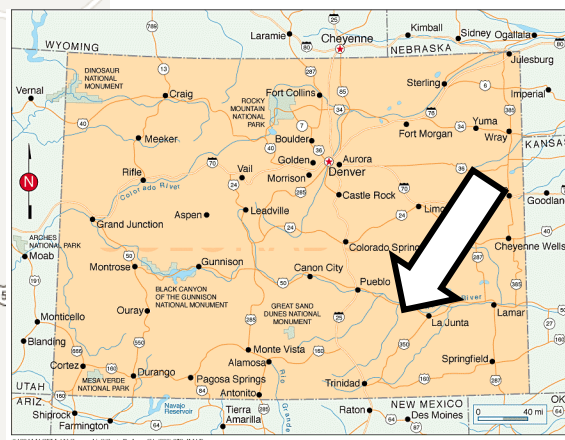
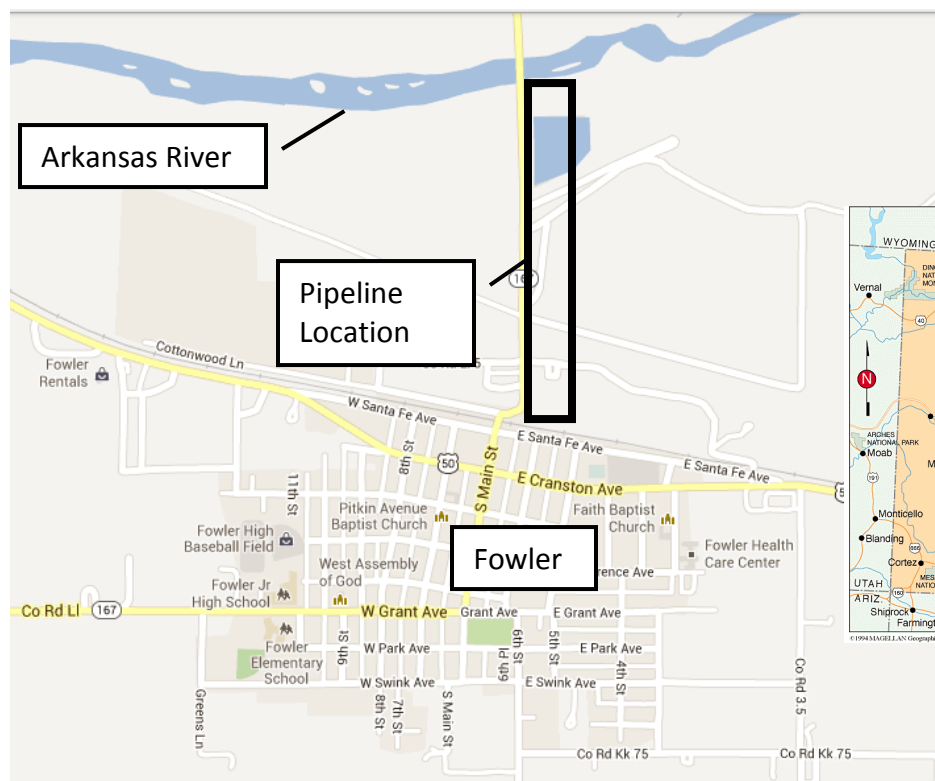
The Town of Georgetown is located on Clear Creek, along the I70 corridor, east of the continental divide. The Town needs to increase the outlet works capacity at Georgetown Lake Dam. The outlet works currently can release up to 260 cfs. In order to comply with an October 2010 court order regarding Georgetown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



**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.



Water Project Construction Loan Program - Project Data

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

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

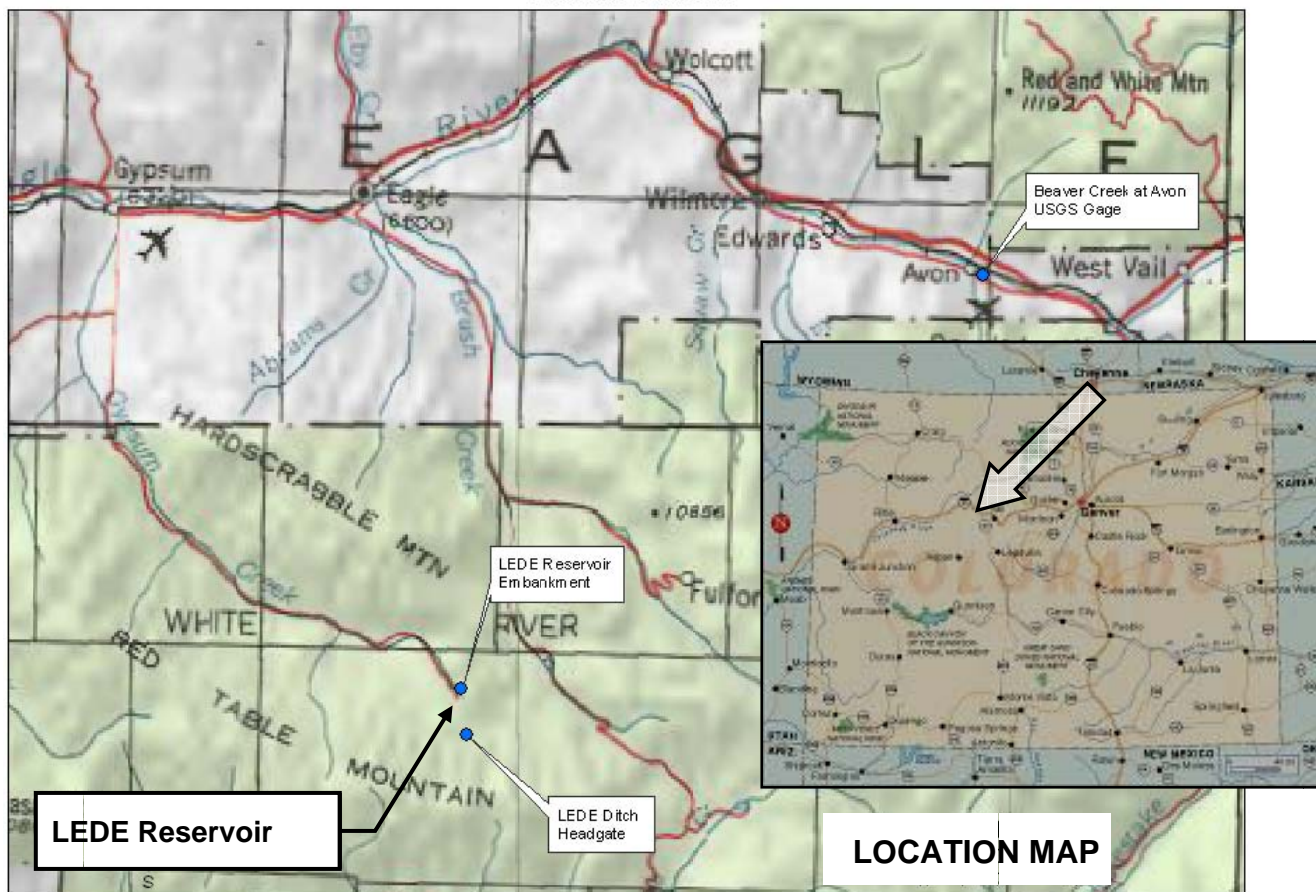


CWCB Construction Loan Program Project Data Sheet

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

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

General Locations



CWCB Construction Loan Program
Project Data Sheet

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

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

Drainage Basin: South Platte

Water Source: Bear Creek

Total Project Cost: \$1,874,000

Funding Sources: Construction Fund

Type of Borrower: Blended Ag & Municipal
& Commercial

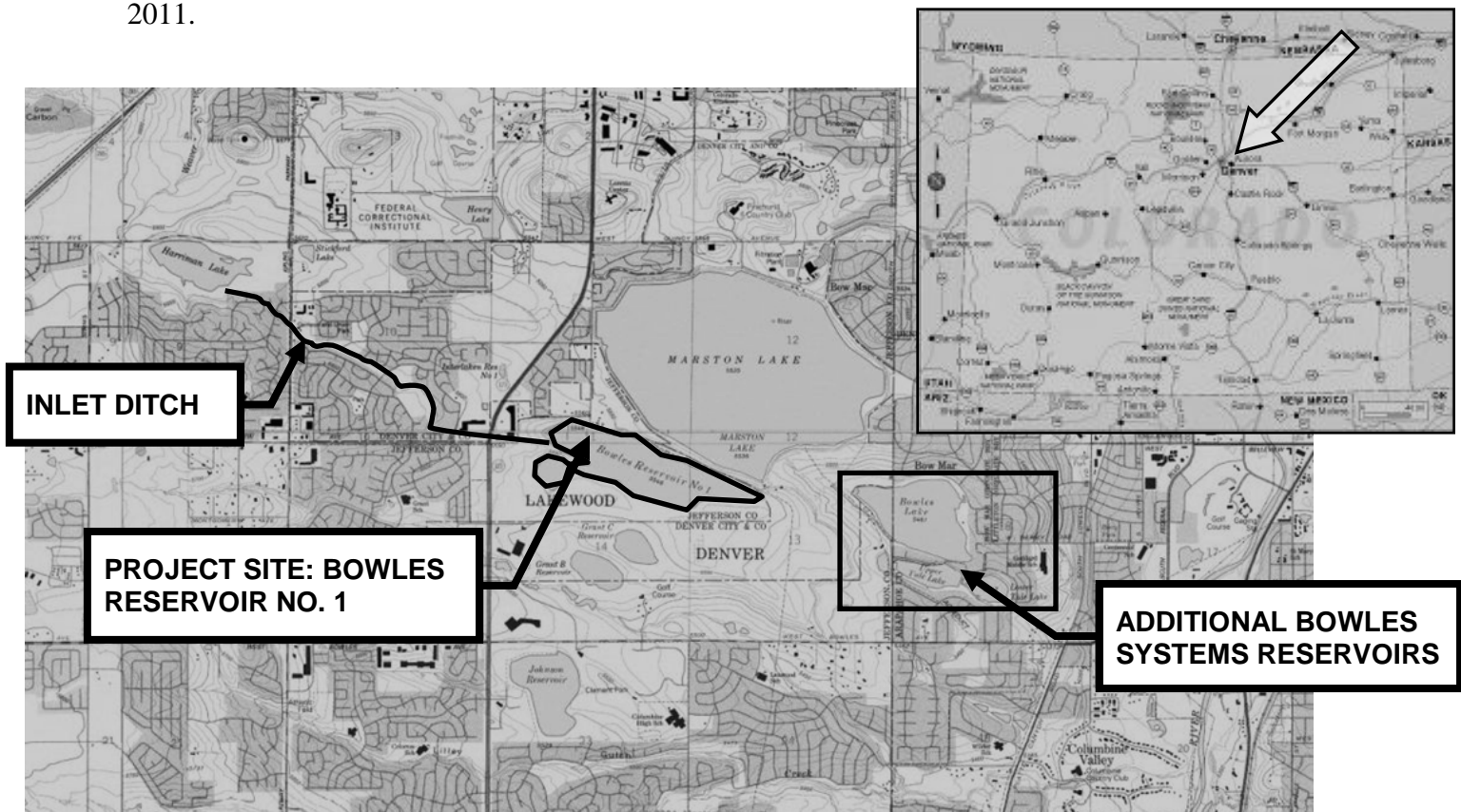
Average Delivery: 900 AF

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

Interest Rate: 4.65%

Term: 30 years

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



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

C150358

Borrower: Henrylyn Irrigation District

County: Weld

Project Name: Prospect Reservoir Dam Facing Project

Project Type: Reservoir Rehabilitation

Drainage Basin/ District: South Platte / 1

Water Source: South Platte River

Total Project Cost: \$3,264,400

Funding Source: Construction Fund

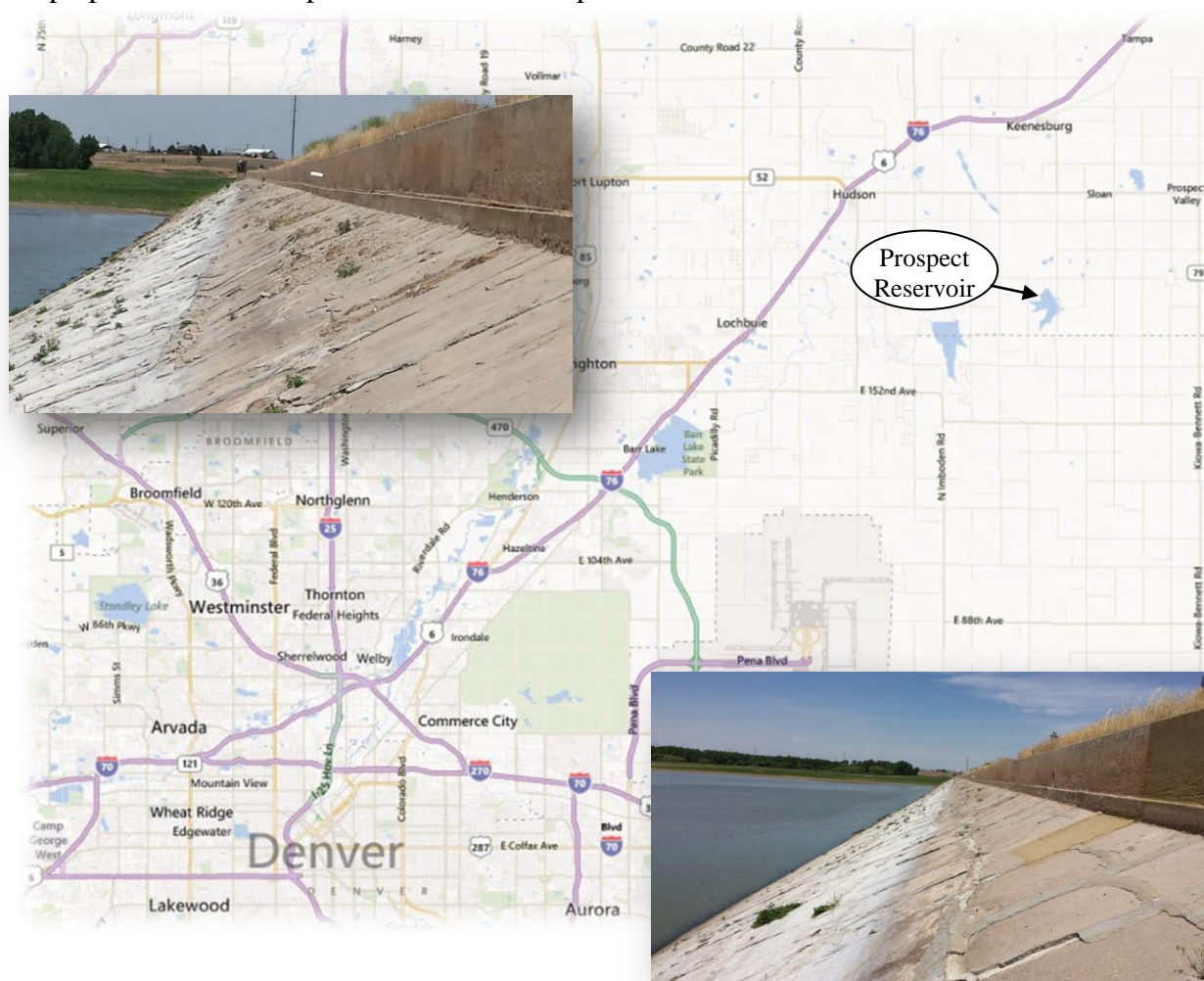
Type of Borrower: Agricultural

Average Annual Diversion: 39,950 AF

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

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

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

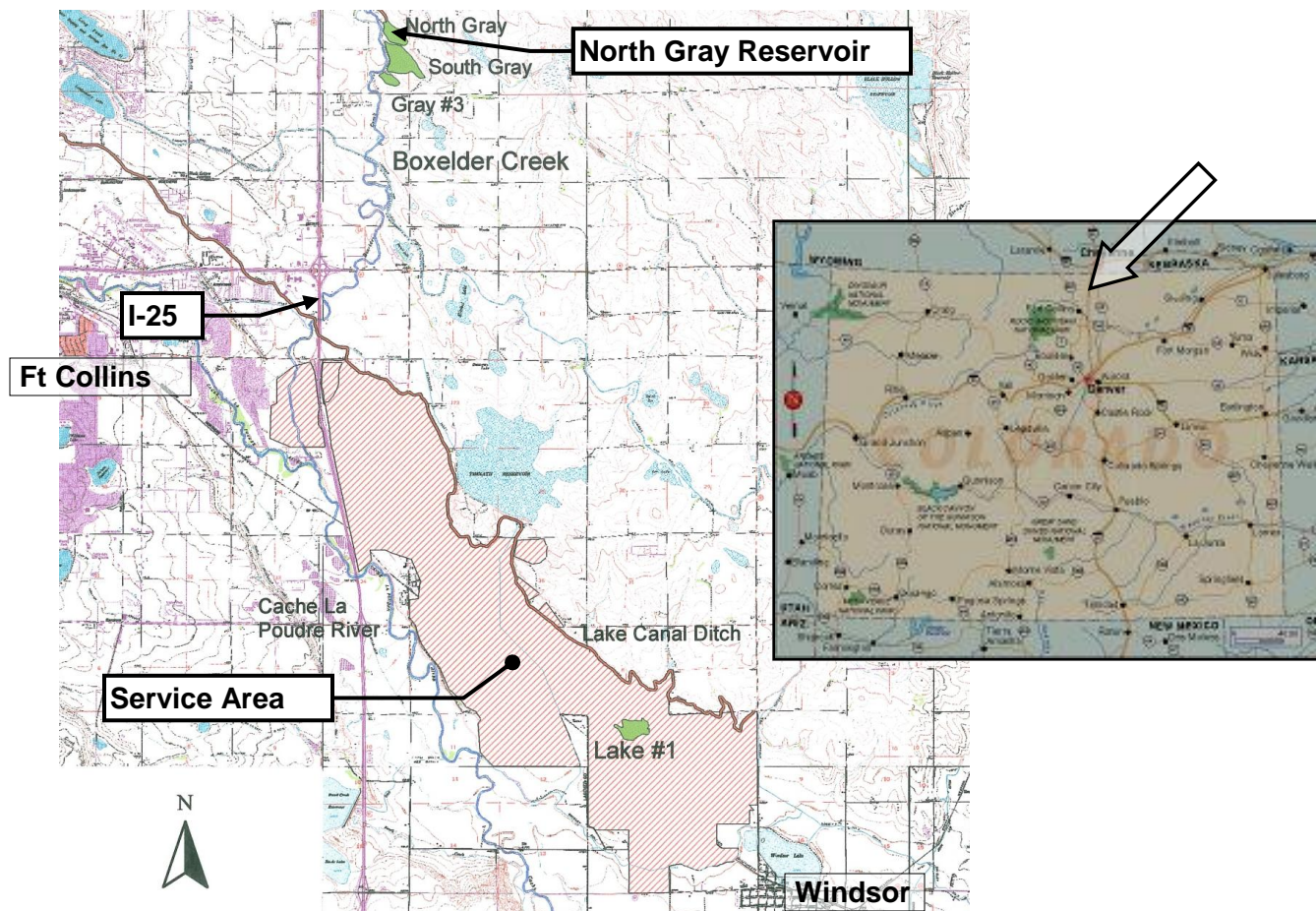


CWCB Construction Loan Program Project Data Sheet

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

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

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



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

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

LOCATION MAP

Water Project Loan Program - Project Data

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

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

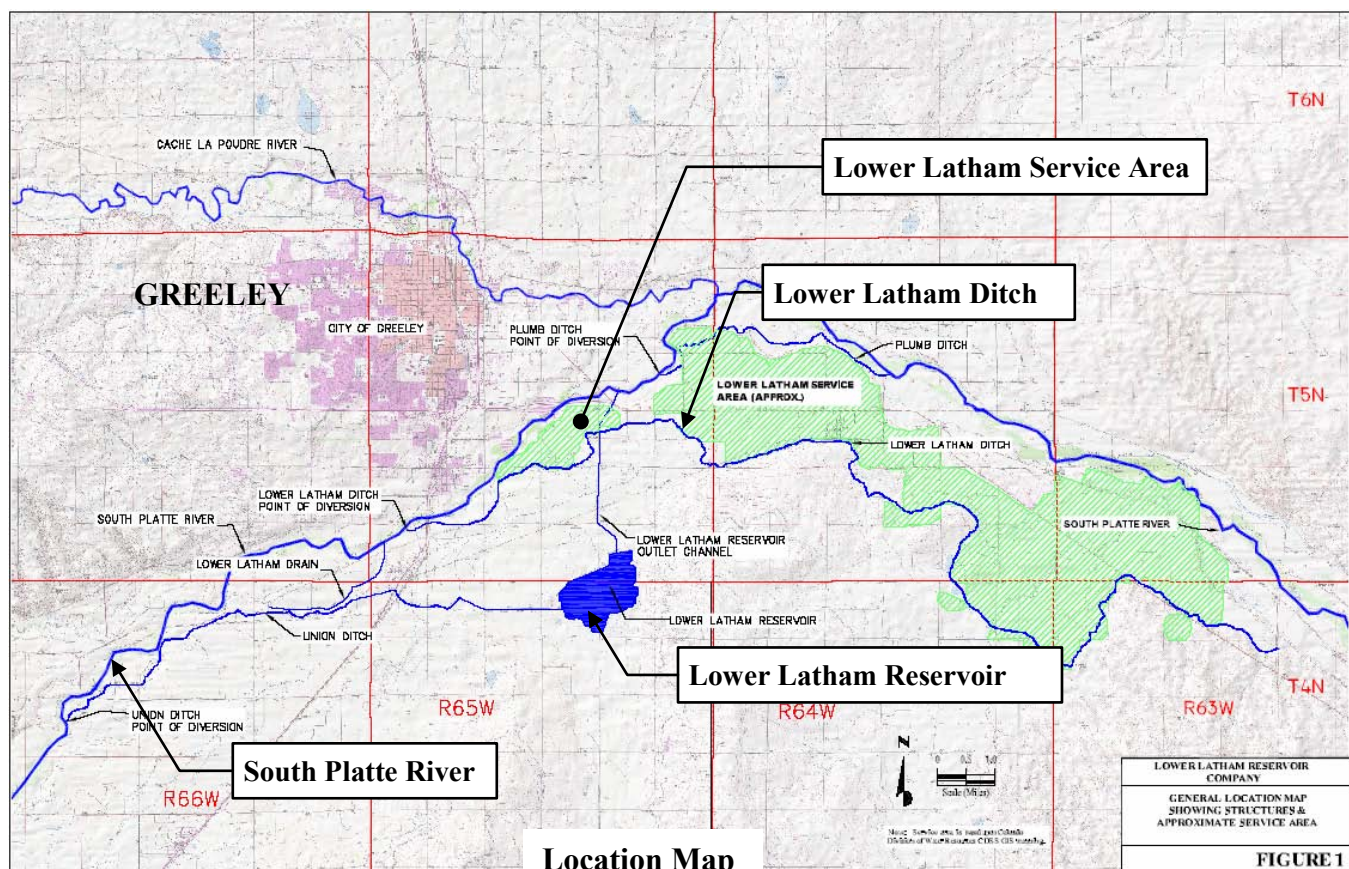
Drainage Basin: South Platte **Water Source:** South Platte River

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

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

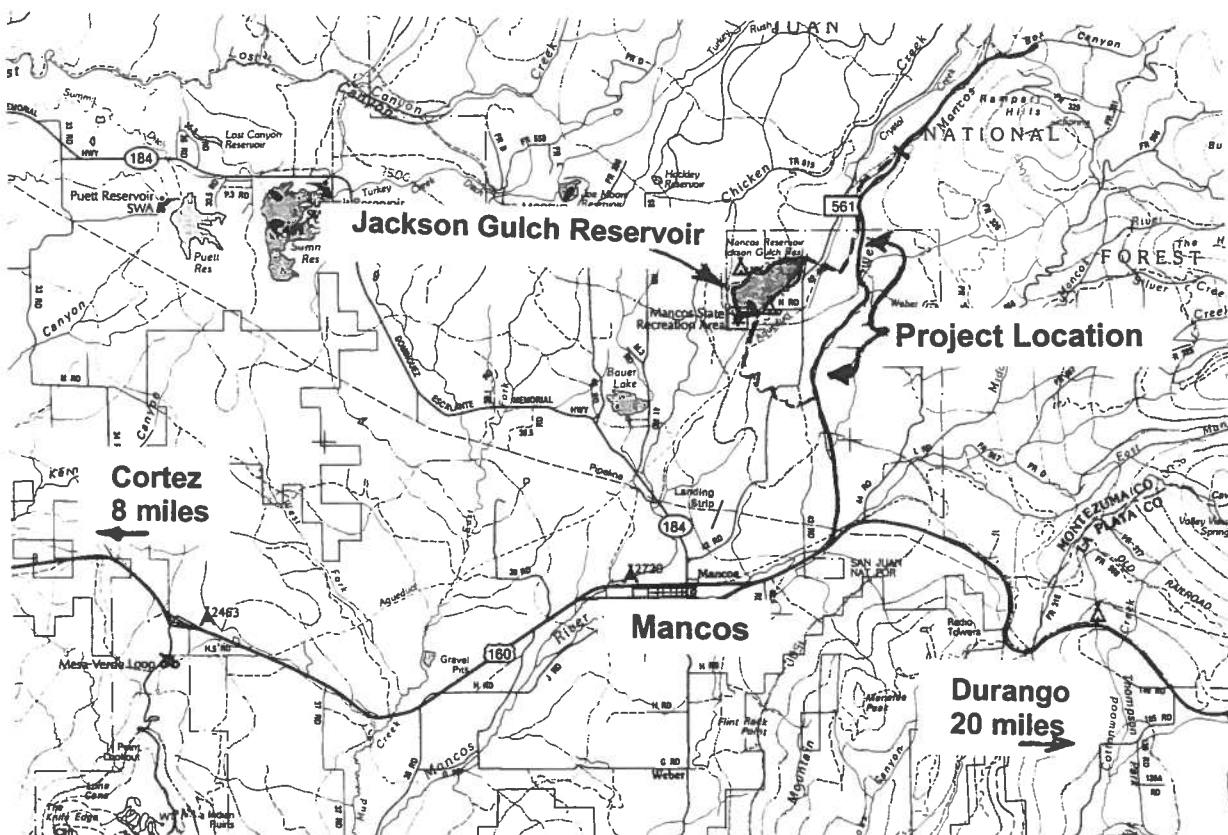
CWCB Loan: \$3,811,573 (incl. 1% loan fee) **Interest Rate:** 2.75% **Term:** 30 years

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



Water Project Construction Loan Program-Project Data**Borrower:** Mancos Water Conservancy District**Project Name:** Mancos Project**Project Type:** System Rehabilitation**County:** Montezuma **Drainage Basin:** San Juan **Water Source:** West Mancos River**Total Project Cost:** \$6,619,550**Funding Sources:** Borrower and CWCB**Type of Borrower:** Agricultural/Municipal**Median Household Income:** Low**CWCB Loan:** \$5,486,531**Interest Rate:** 2.8% **Term:** 30 years**Annual Volume of Water delivered:** 9,000 acre-feet

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

**Location Map**

CWCB Water Project Loan Program
Project Data Sheet

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

Project Name: Irrigation Ditch Lining Project

Project Type: Ditch Rehabilitation

Drainage Basin: Colorado

Water Source: Roaring Fork

Total Project Cost: \$550,000

CWCB Funding Source: Construction Fund

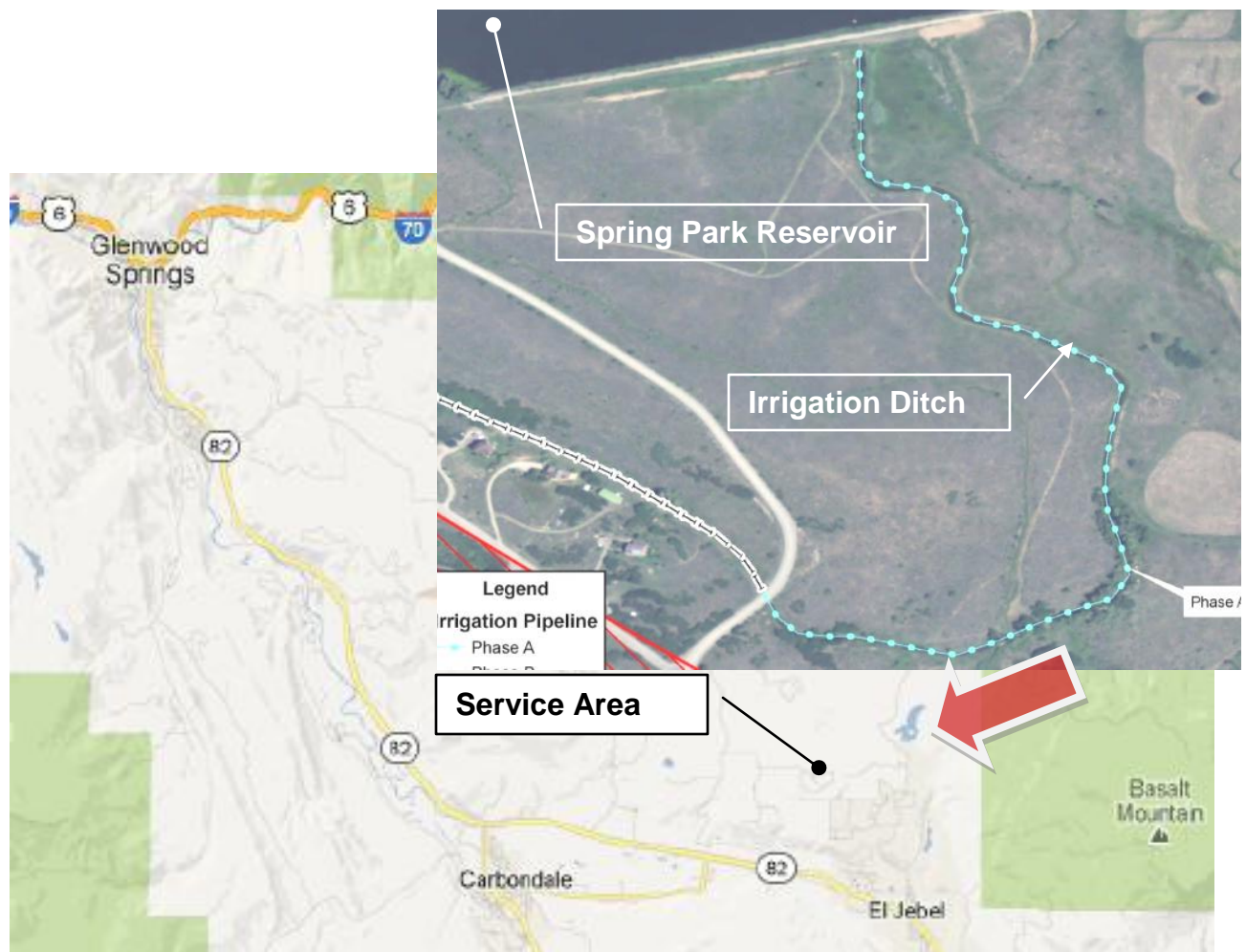
Type of Borrower: Agricultural/High Income

Average Annual Diversion: 4,480 AF

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

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

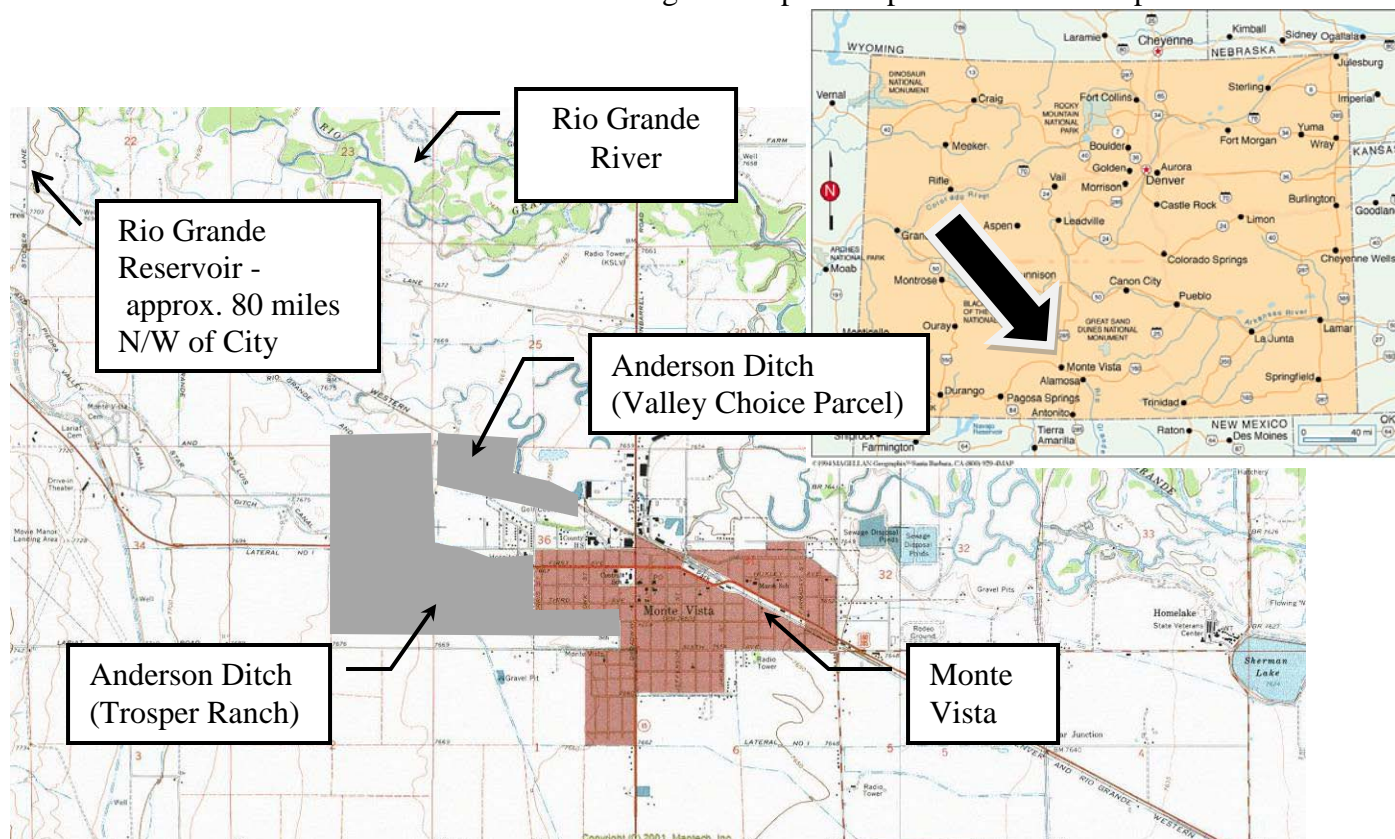
Missouri Height Mountain Meadows Irrigation Company provides irrigation water to approximately 1,500 acres of ranch land located 12 miles northeast of Carbondale. The Company worked with the Natural Resources Conservatio service (NRCS) to evaluate losses within its ditch. A one-mile section has been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



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

Water Project Loan Program – Project Data Sheet

Borrower: North Delta Irrigation Company

County: Delta

Project Name: NDIC Tunnel Repair Project

Project Type: Ditch Rehabilitation

Drainage Basin: Gunnison River Basin, District 40

Water Source: Gunnison River

Total Project Cost: \$1,210,000

Funding Source: Construction Fund/WSRA

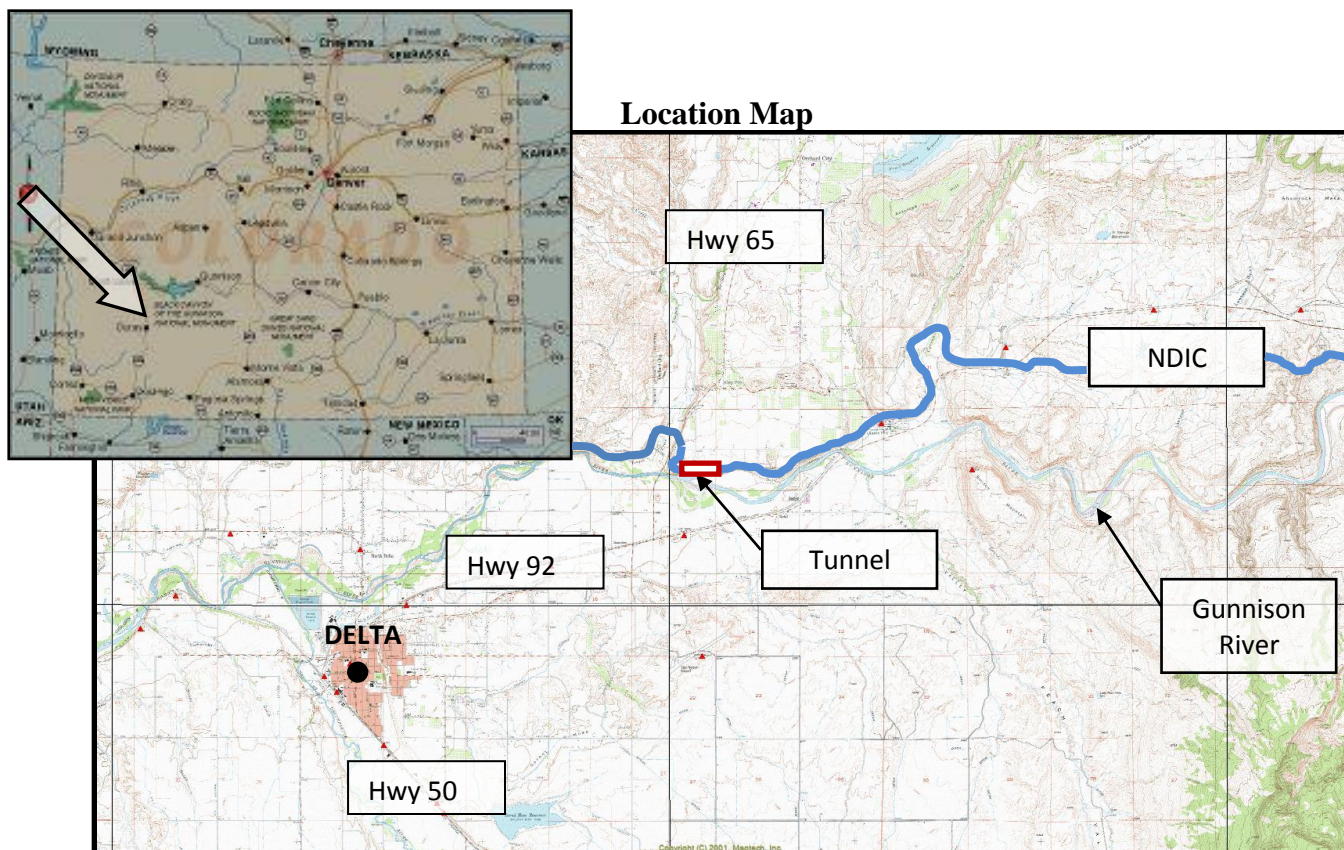
Type of Borrower: Blended
(70% Agricultural, 30% Low-income municipal)

Avg. Annual Delivery: 17,735 AF

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

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

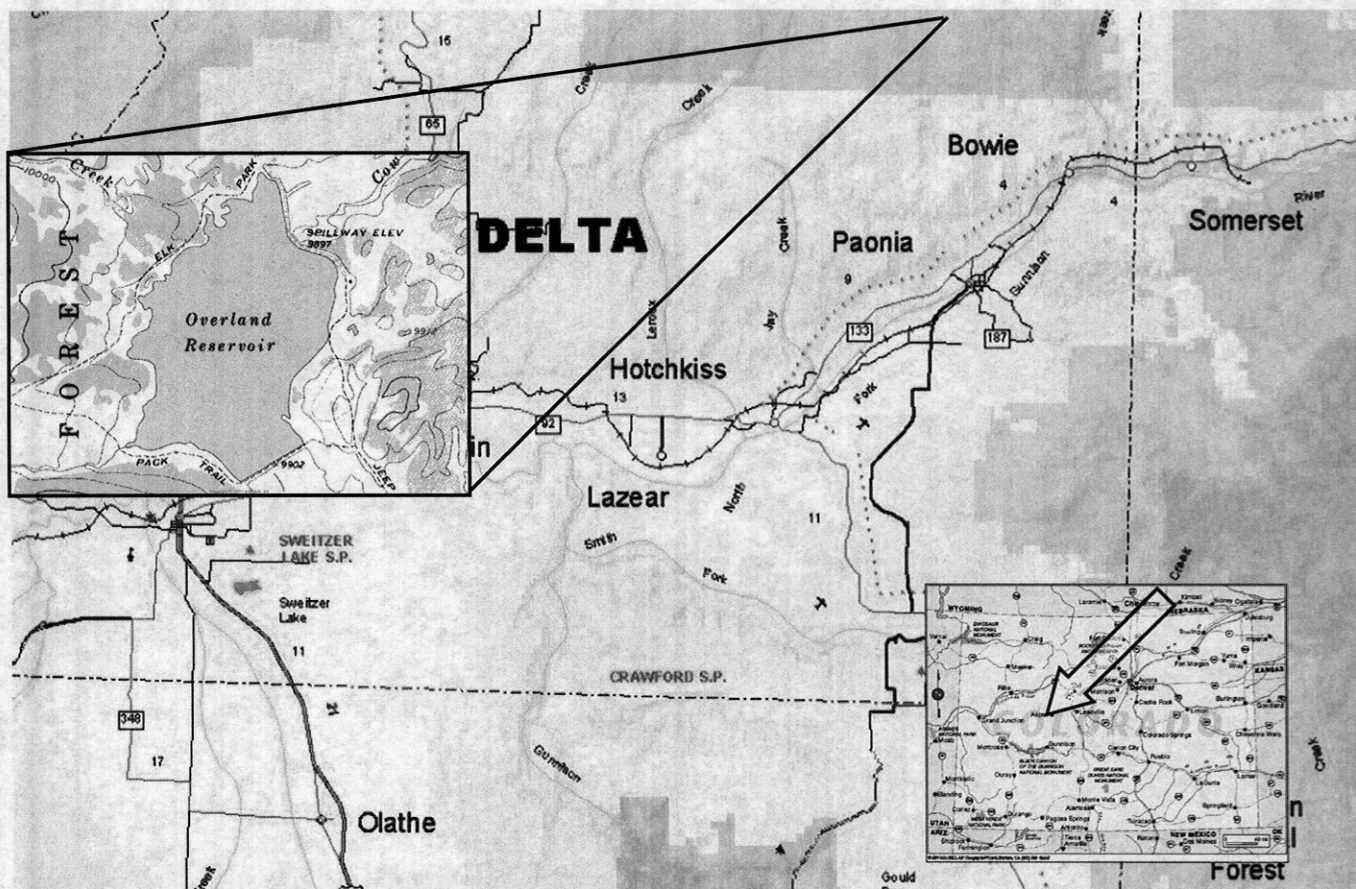
The North Delta Irrigation Company is responsible for supplying water to its 174 shareholders for the irrigation of 2,300 acres of land. The water is delivered through the North Delta Irrigation Canal. A two-mile stretch of the twenty-three mile canal is located along the steep hillside paralleling the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



CWCB Construction Loan Program Project Data Sheet

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

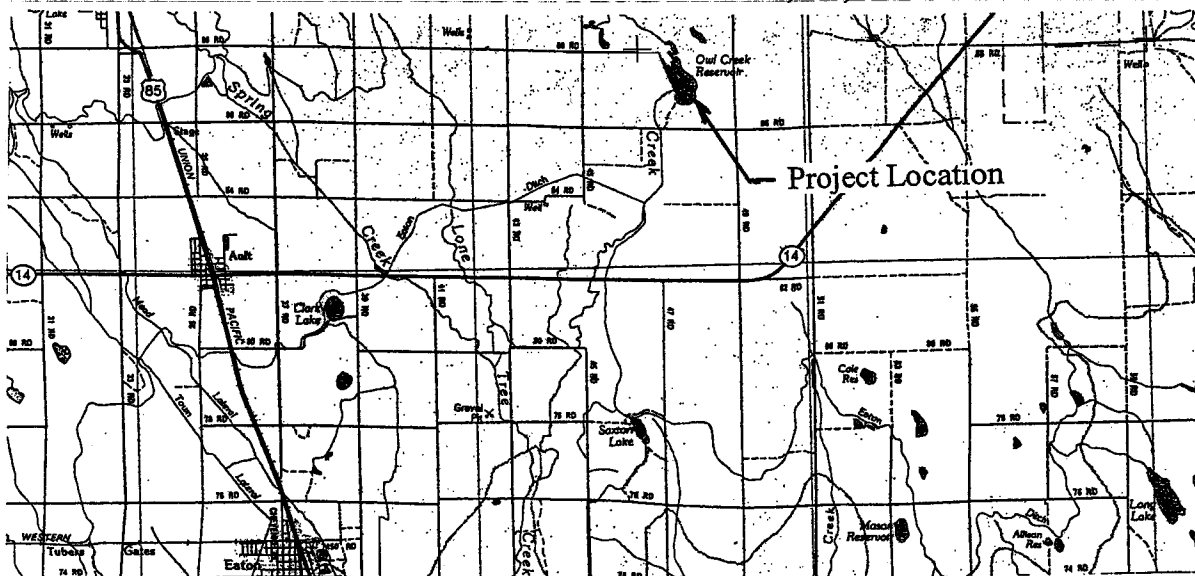
Total Project Cost: \$1,250,000 **Funding Source:** CWCB

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

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

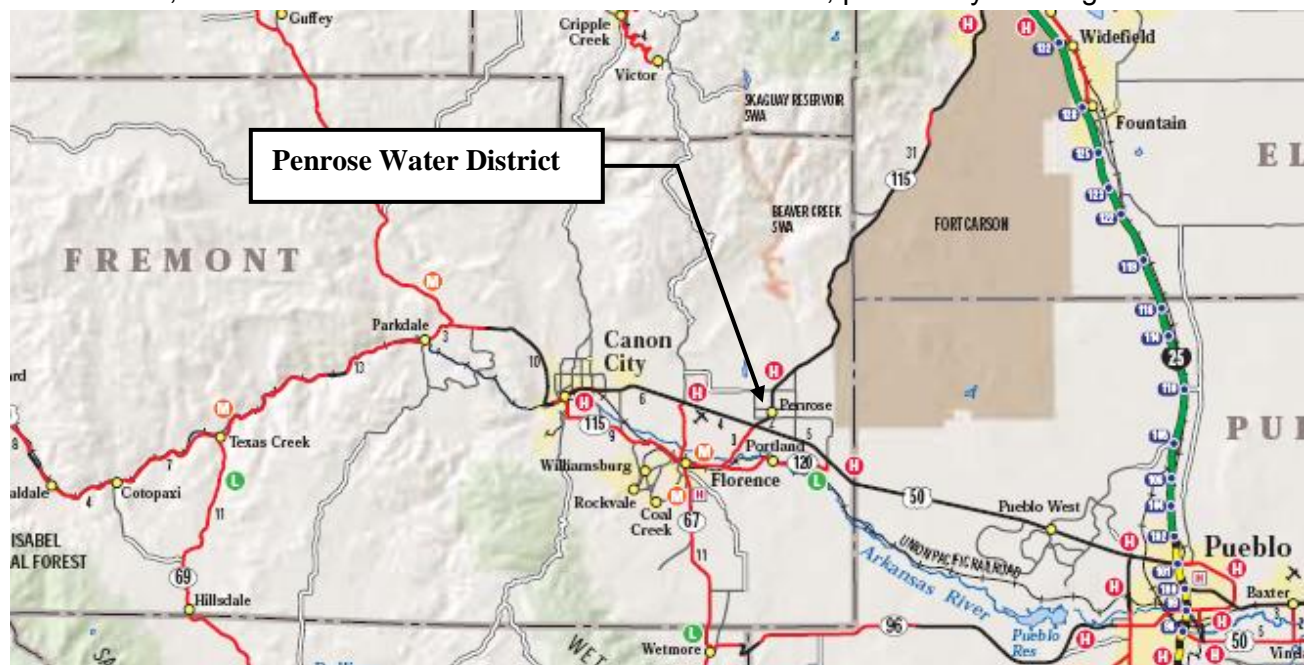
Type of Borrower: Municipal/Low

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

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

C150363

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

Project Name: Water Rights Purchase

Project Type: Water Rights Purchase

Drainage Basin/ District: South Platte / 2,3

Water Source: South Platte River
Cache la Poudre River

Total Project Cost: \$925,000

Funding Source: Construction Fund

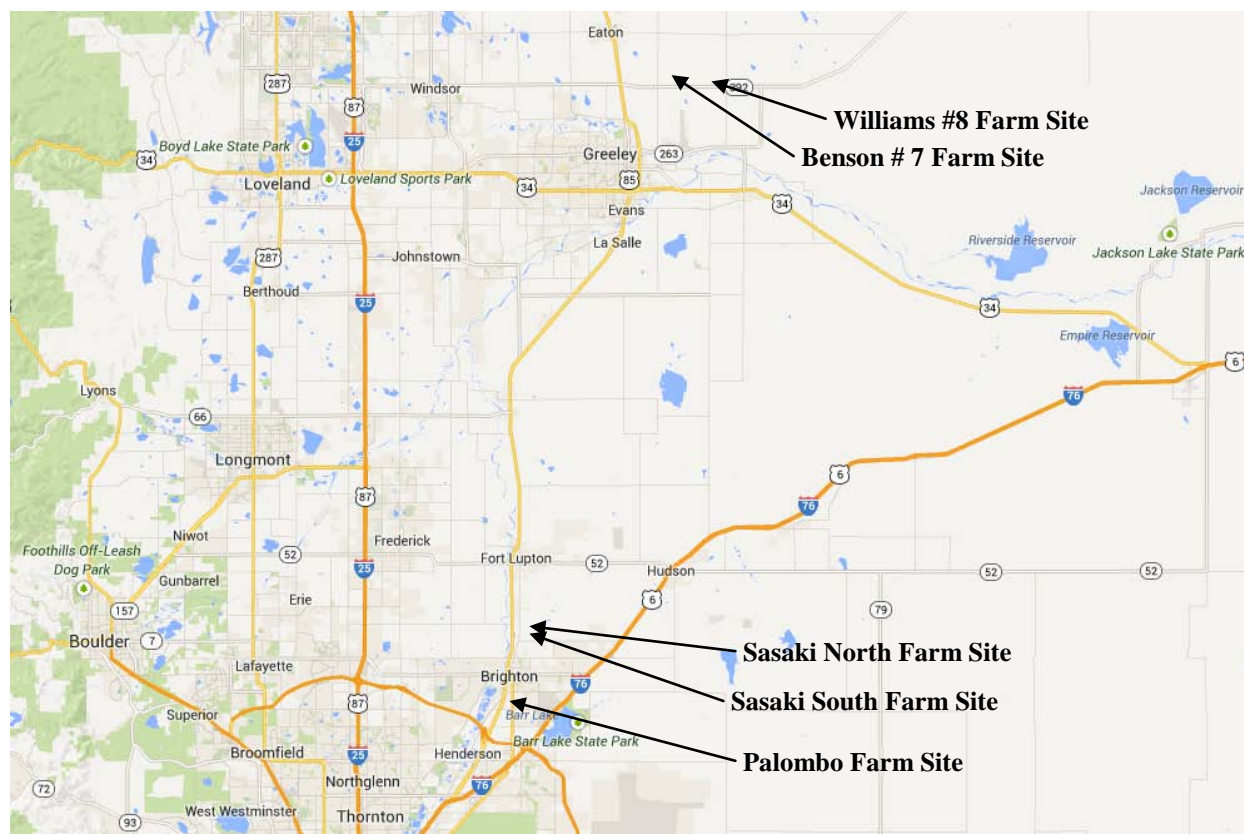
Type of Borrower: Agricultural

Average Annual Diversion: 3,000 AF

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

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

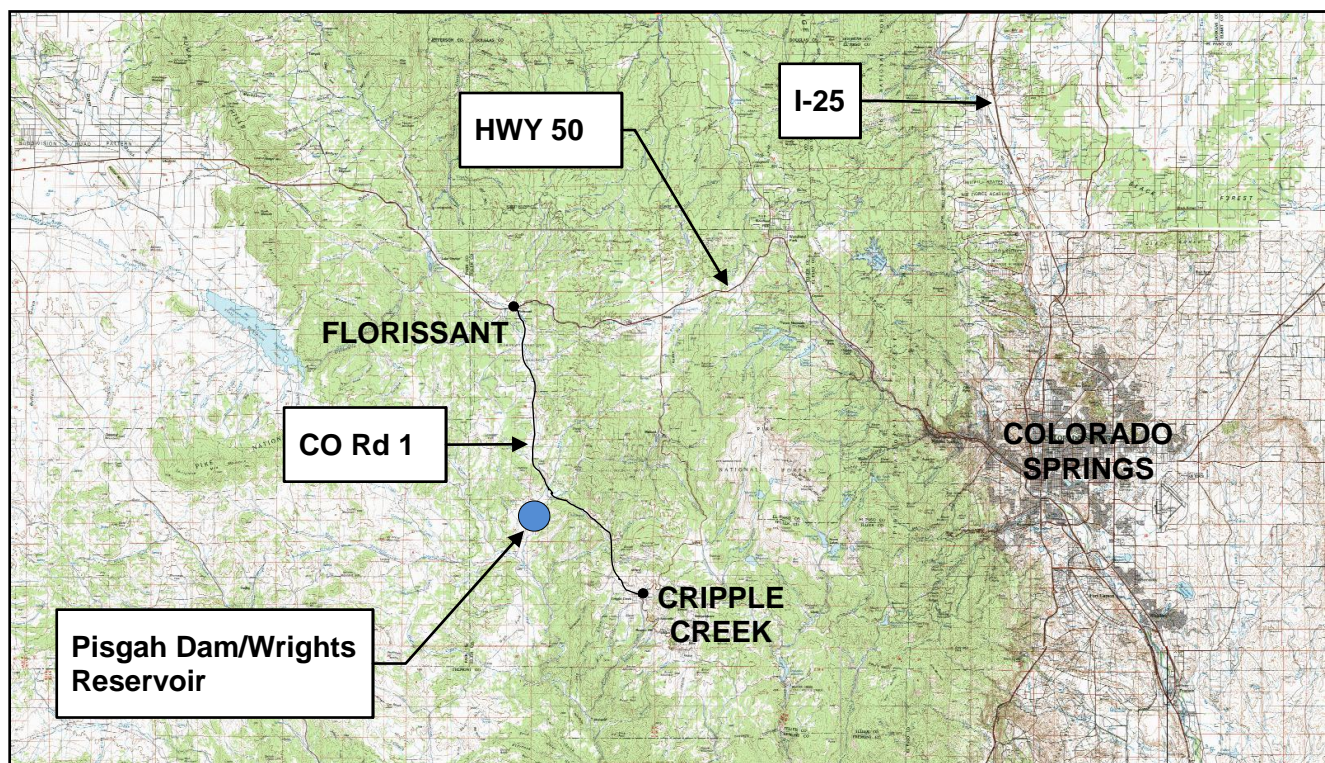
Petrocco Family Limited Partnership is a family owned and operated produce business located in Brighton, CO and has been in operation since 1916. Its operations currently include farming approximately 2,600 acres in western Adams and Weld counties. This area extends from the home offices south of Brighton,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



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

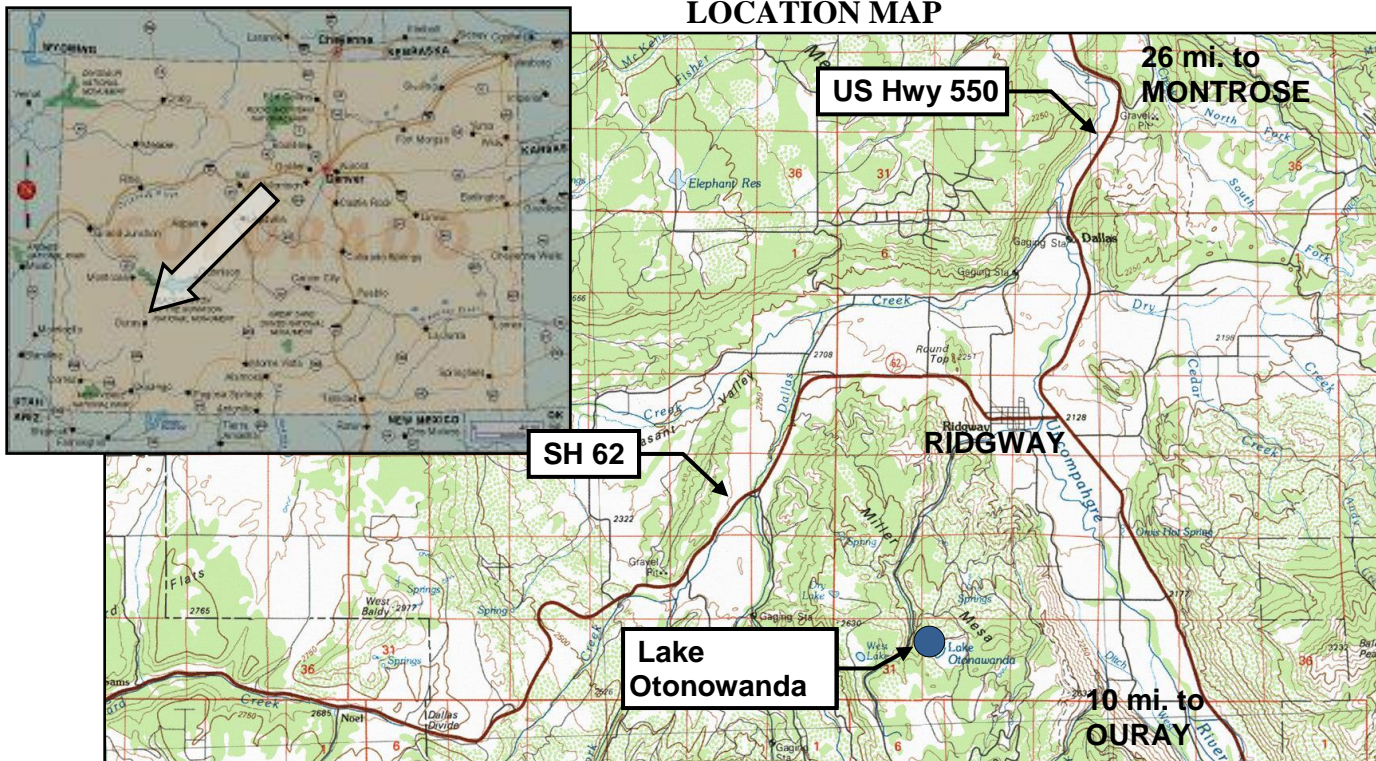
C150340

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



Water Project Loan Program - Project Data

Borrower: Riverside Ditch & Allen Extension Co.

County: Chaffee

Project Name: Phased Canal Improvements

Project Type: Ditch Rehabilitation

Drainage Basin: Arkansas

Water Source: Arkansas River

Total Project Cost: \$205,000

Funding Source: Construction Fund

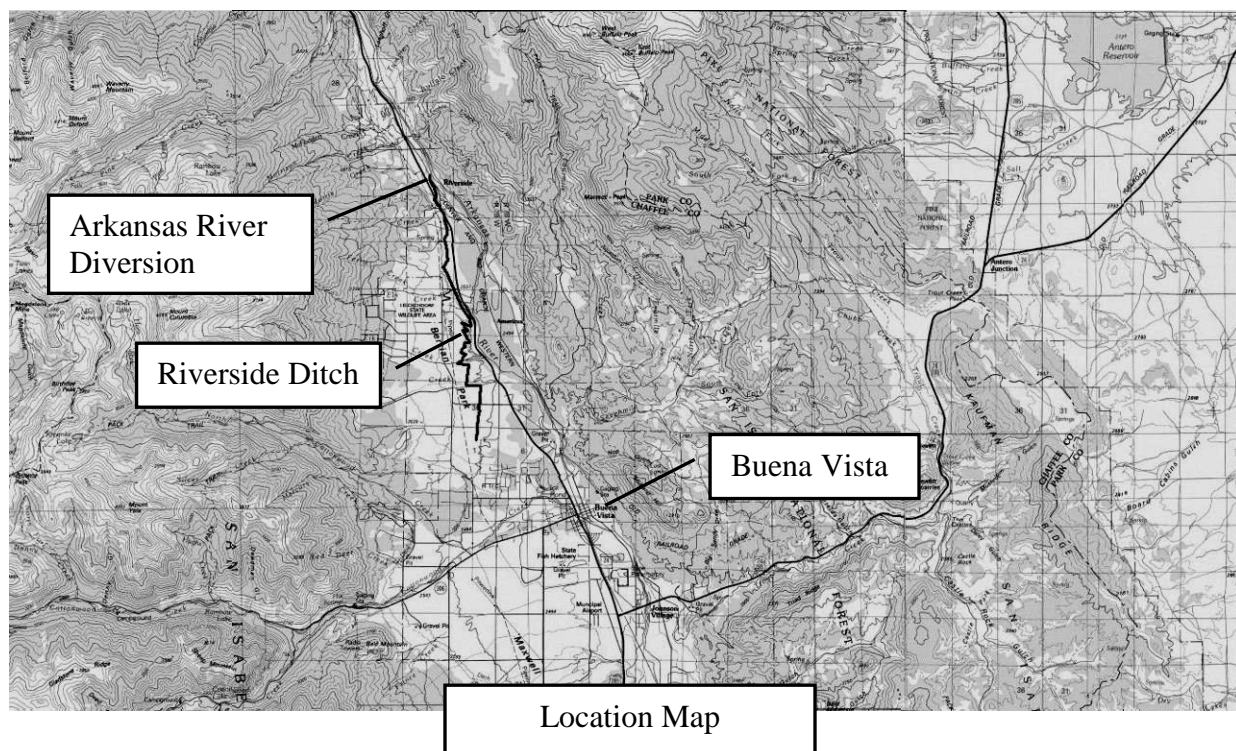
Type of Borrower: Agricultural

Average Diversion: 3,250 acre-feet

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

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

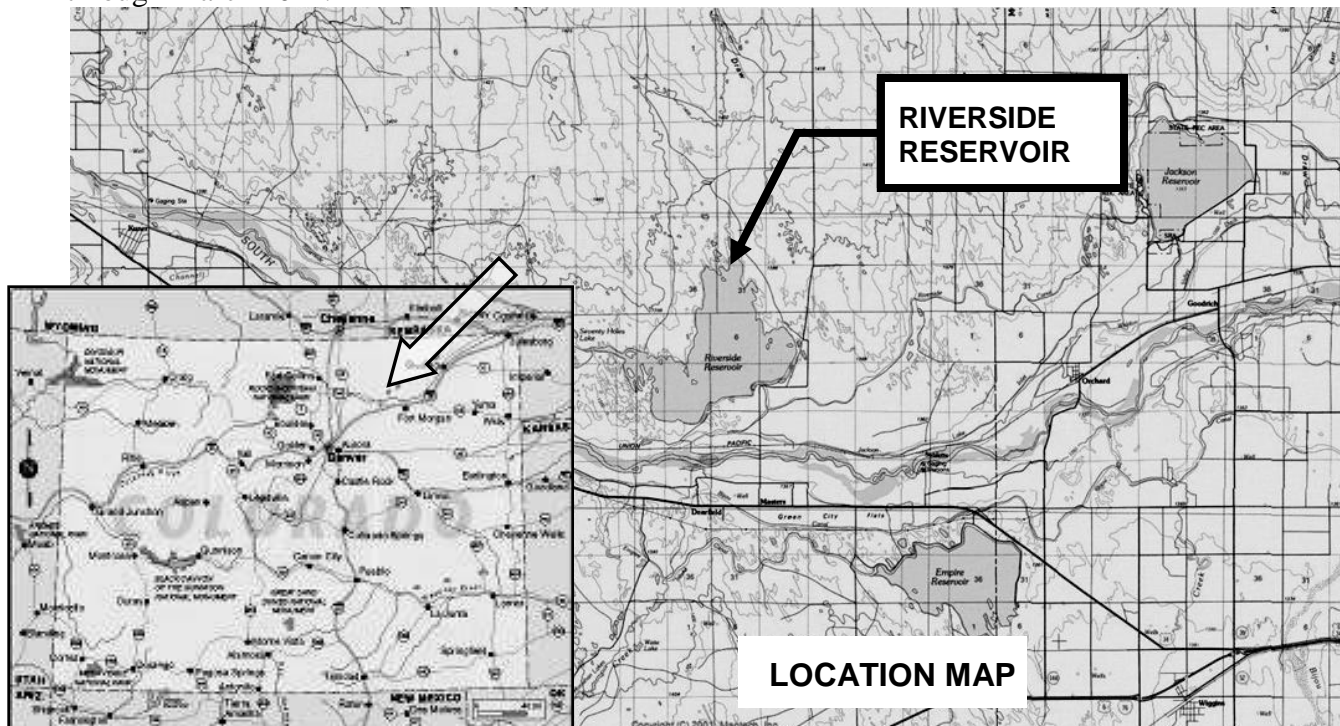
The Riverside Ditch and Allen Extension Company (Company), located near Buena Vista, owns and operates the Riverside Ditch (canal) that provides irrigation water to a 450 acre service area within Chaffee County. A significant portion of the Company's structures along the 125 year old canal are aged and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



CWCB Construction Loan Program Project Data Sheet

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

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



CWCW Water Project Loan Program Project Data Sheet

Borrower: Roxborough Water and Sanitation District, Water Activity Enterprise

County: Douglas

Project Name: Raw Water Supply Project

Project Type: Water Acquisition

Basin: South Platte **District:** 8

Water Source: South Platte

Total Project Cost: \$26,313,150

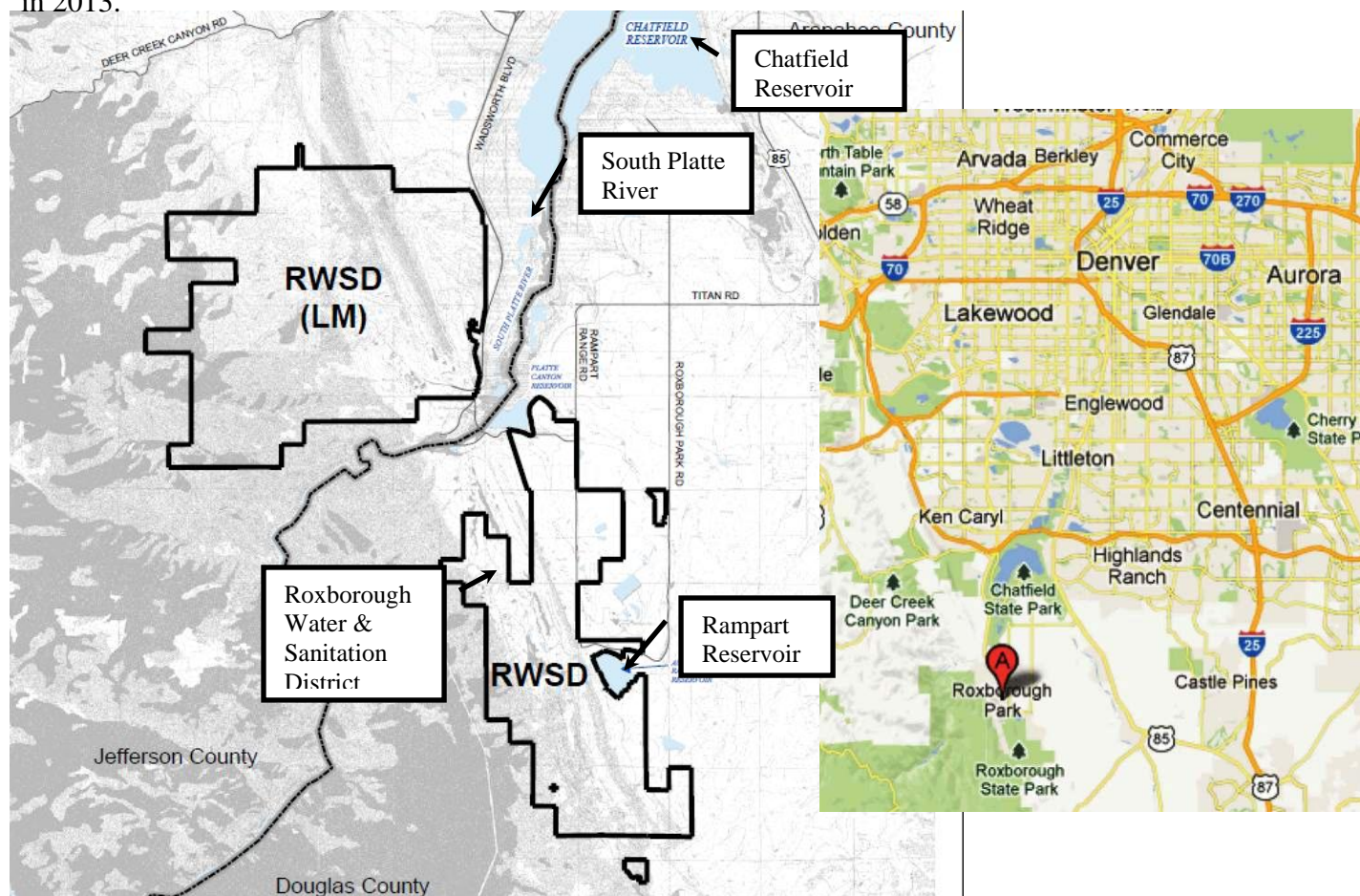
Funding Source: Construction Fund

Type of Borrower: High-income municipal

Average Annual Diversion: 1,141 AF

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

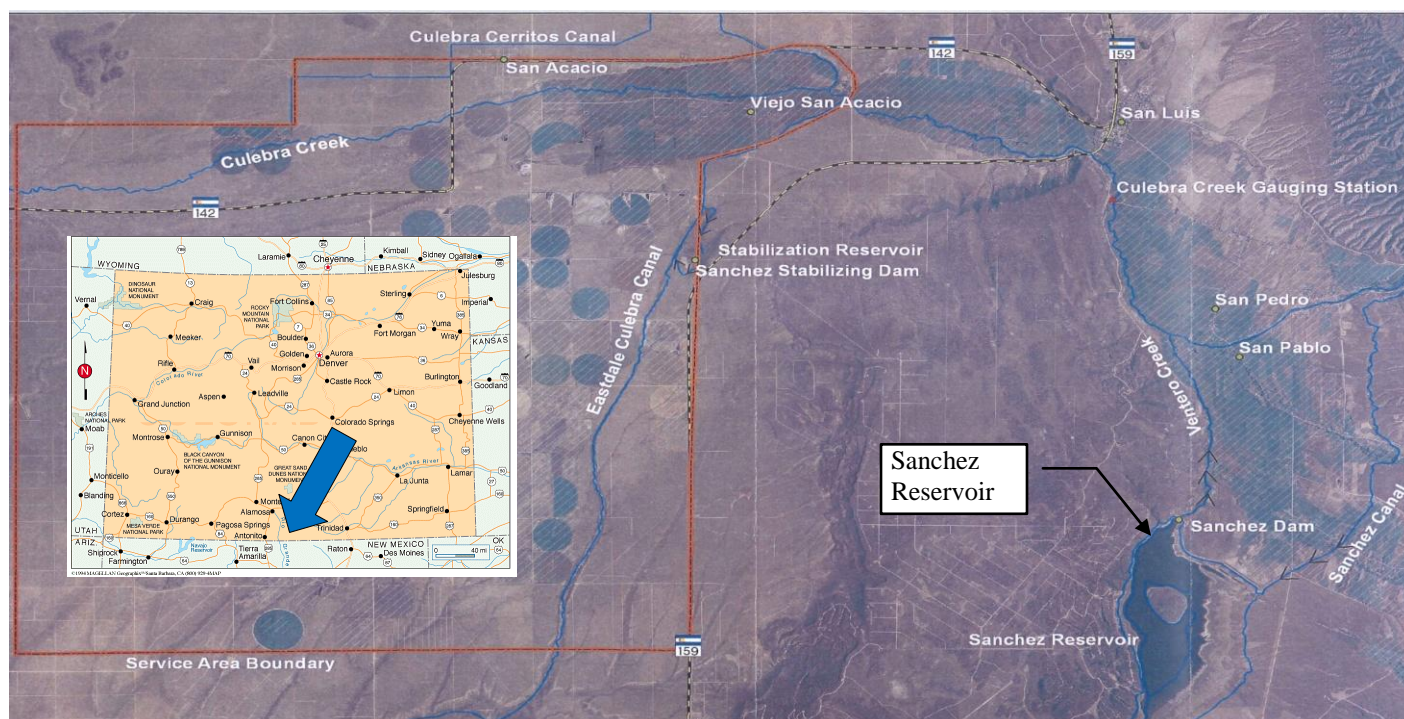
The Roxborough Water and Sanitation District is applying for a loan for the Raw Water Supply Project. Since 1972 the District has been leasing water from Aurora through an agreement that expires in 2022. After many years of discussion, the District has reached an agreement with Aurora to purchase a permanent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



CWCB Construction Loan Program Project Data Sheet

Borrower: Sanchez Ditch and Reservoir Co.**County:** Costilla**Project Name:** Sanchez Reservoir Outlet Rehabilitation Project**Project Type:** Dam Rehabilitation**Basin / District:** Rio Grande / 24**Water Source(s):** Ventero Creek**Total Project Cost:** \$2,032,000**Funding Sources:** Construction Fund & WSRA (Basin & Statewide funds)**Type of Borrower:** Agricultural**Average Diversions:** 15,000 AF**Loan Amount:** \$1,128,776 (Including 1% fee) **Interest Rate:** 1.75% **Term:** 30 years
WSRA Grant Amounts: \$55,000 Rio Grande Basin & \$859,400 Statewide

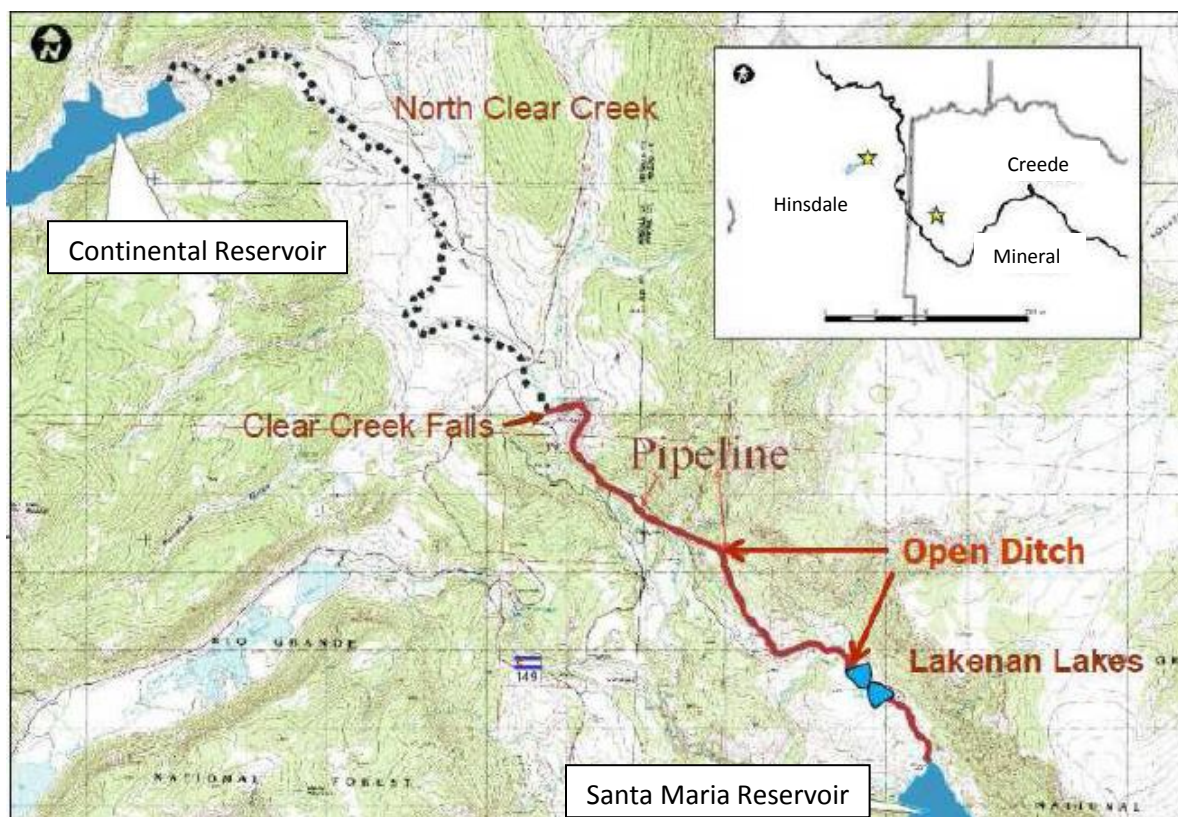
The Company provides irrigation water for users in Costilla County, southwest of the town of San Luis. The Company's primary storage reservoir is Sanchez Reservoir. The approximately 104,000 acre-foot reservoir was built in 1910. The reservoir's outlet includes a 135 foot tall concrete gate tower. In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



Water Project Loan Program Project Data Sheet

Borrower:	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.



Water Project Loan Program – Project Data Sheet

Borrower: Terrace Irrigation Company

County: Conejos

Project Name: Spillway Replacement Project

Project Type: Reservoir Rehabilitation

Drainage Basin: Rio Grande River Basin, District 21

Water Source: Alamosa River

Total Project Cost: \$4,500,000

Funding Source: Construction Fund

Type of Borrower: Agricultural

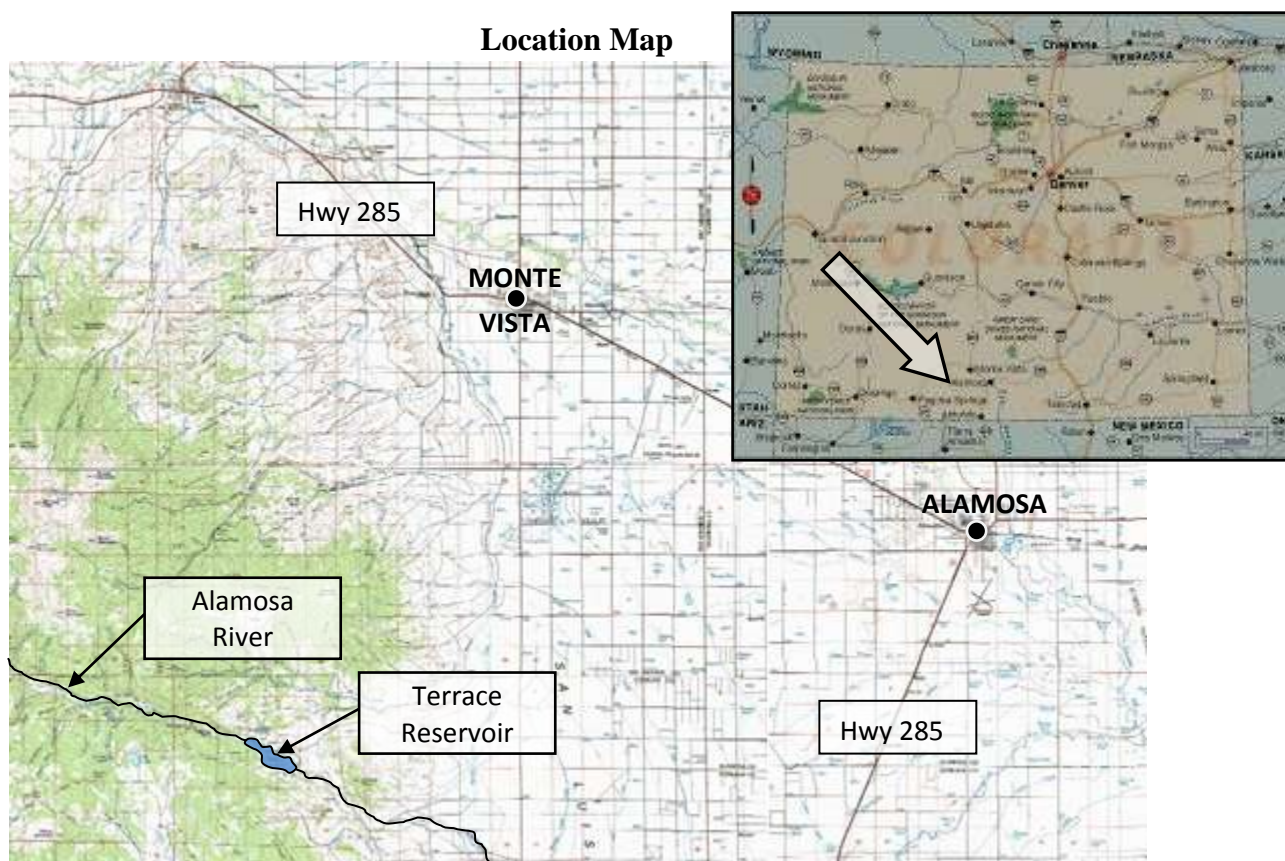
Avg. Annual Delivery: 15,339 AF

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

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

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

Location Map



Water Project Loan Program – Project Data Sheet

Borrower: Thunderbird Water and Sanitation District

County: Douglas

Project Name: Lambert Ranch Water Rights Purchase

Project Type: Water Rights Purchase

Drainage Basin: South Platte, District 8

Water Source: Denver Basin Aquifer

Total Project Cost: \$350,000

Funding Source: Construction Fund

Type of Borrower: Middle-Income Municipal

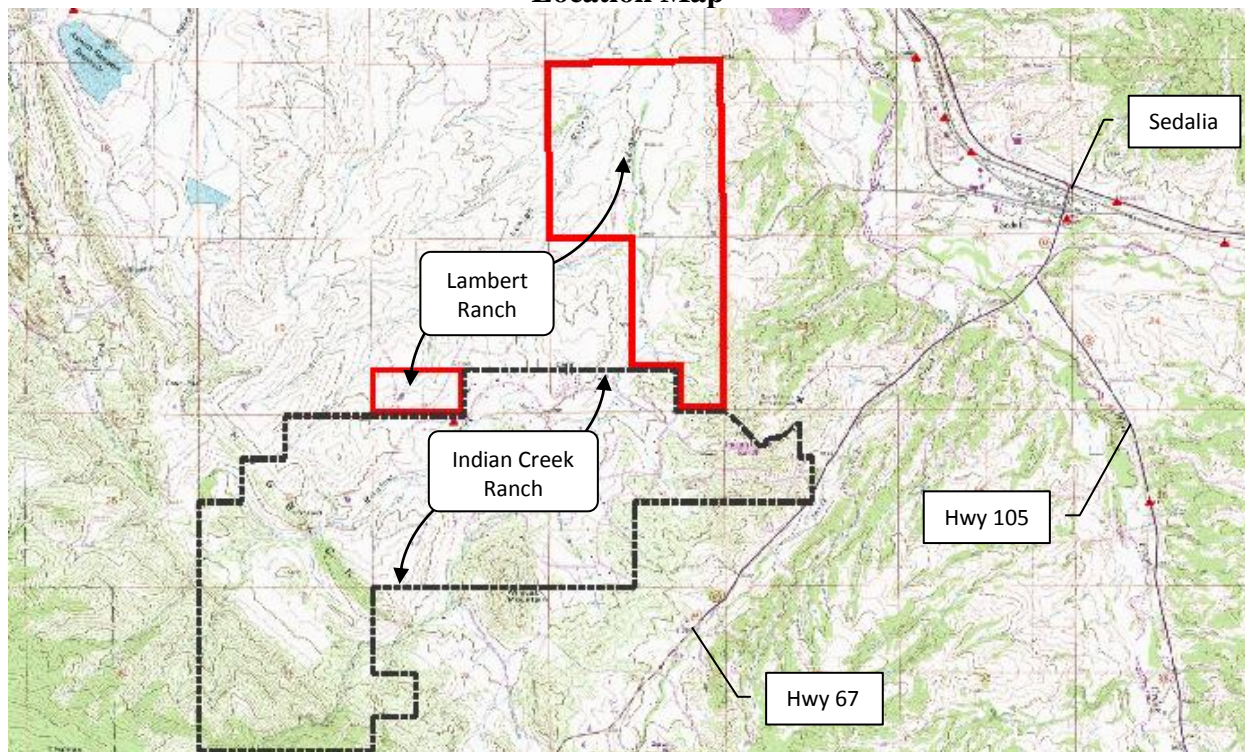
Avg. Annual Delivery: 55 AF

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

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

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

Location Map



CWCB Construction Loan Program Project Data Sheet

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

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

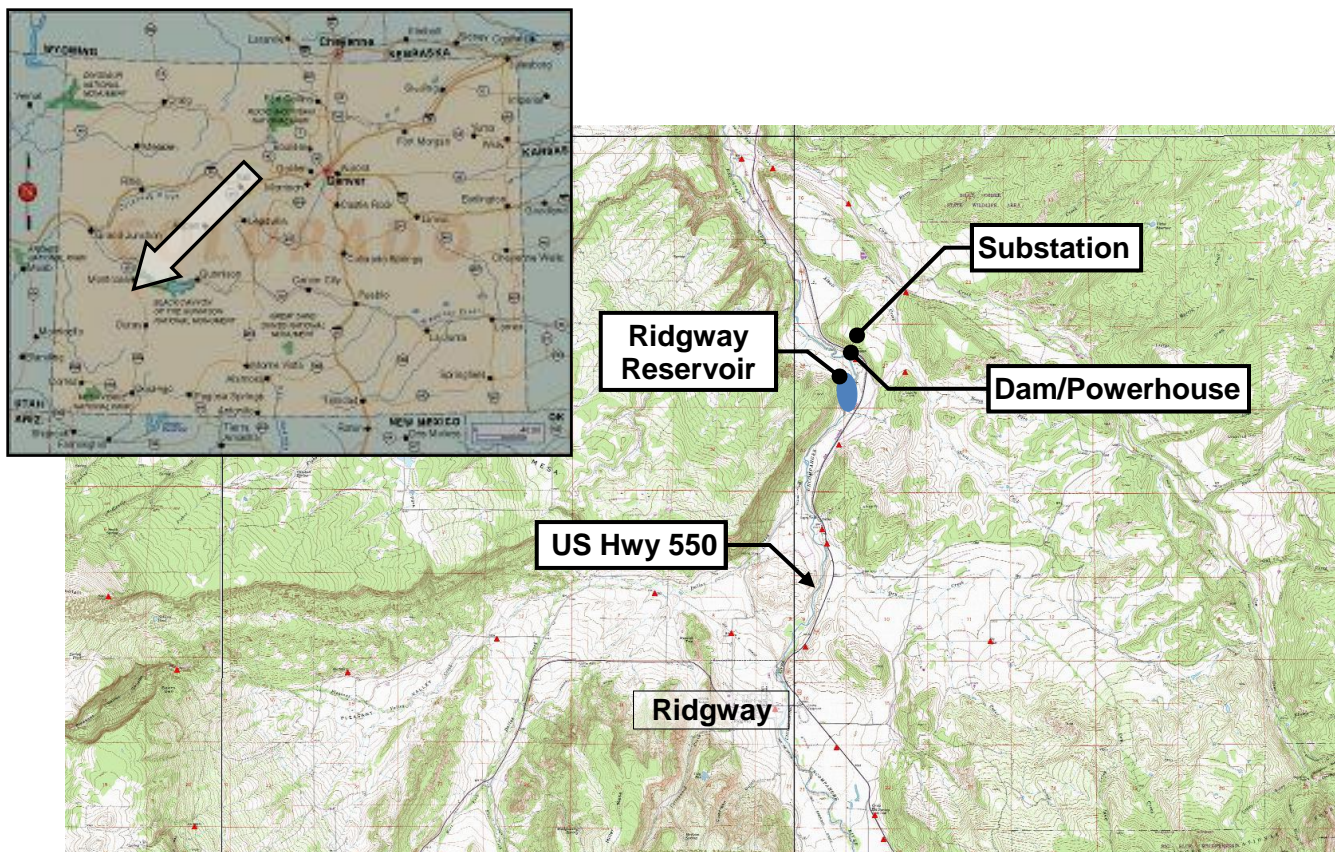
Drainage Basin: Gunnison, District 68 **Water Source:** Uncompahgre River

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

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

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

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



CWCB Water Project Loan Program

Project Data Sheet

Borrower: Twenty Two Road Lateral Company

County: Mesa

Project Name: 22 Road Lateral Ditch Replacement

Project Type: Ditch Rehabilitation

Drainage Basin: Colorado / District 72

Water Source: Colorado River (via GVIC)

Total Project Cost: \$532,875

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

Type of Borrower: Blended

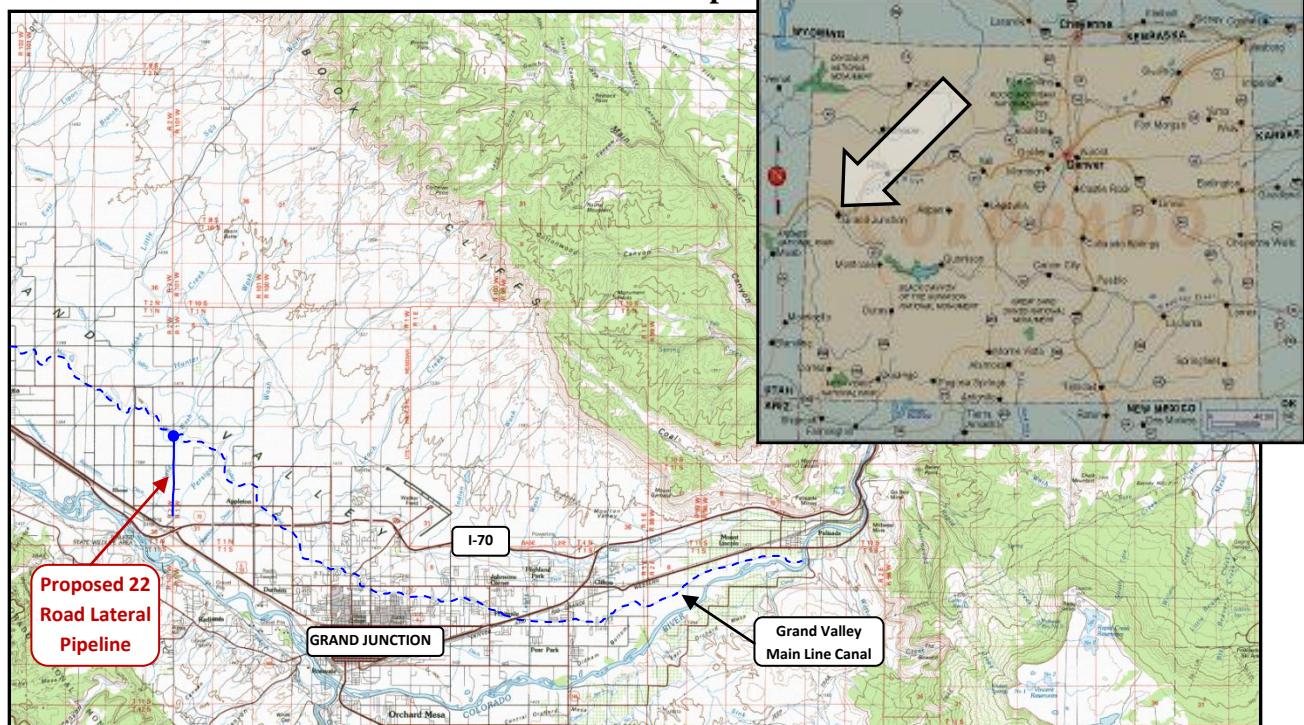
Avg. Annual Diversion: 1,334 AF

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

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

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

Location Map



CWCB Construction Loan Program PROJECT DATA SHEET

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

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

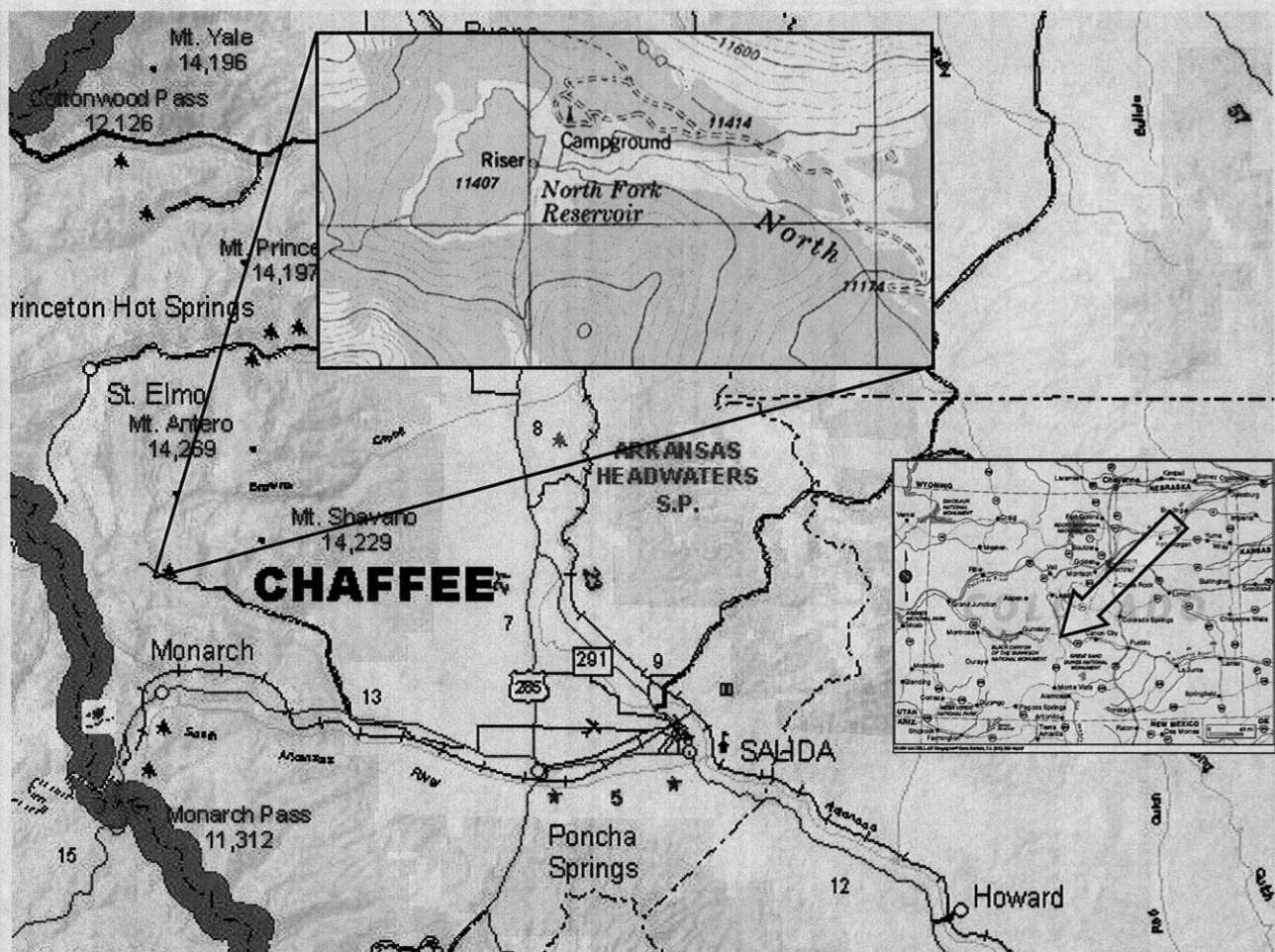
Project Type: Dam and Spillway Modifications **Water Source:** N. Fork of S. Arkansas

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

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

Type of Borrower: Low Municipal/Agricultural **Interest Rate:** 3.0% **Term:** 30 years

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



LOCATION MAP

Projects Not Under Contract

Water Project Construction Loan Program - Project Data

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

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

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

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



0 0.4 0.8 1.6 2.4 Miles

2009 NAIIP aerial imagery provided by
the US Farm Service Agency

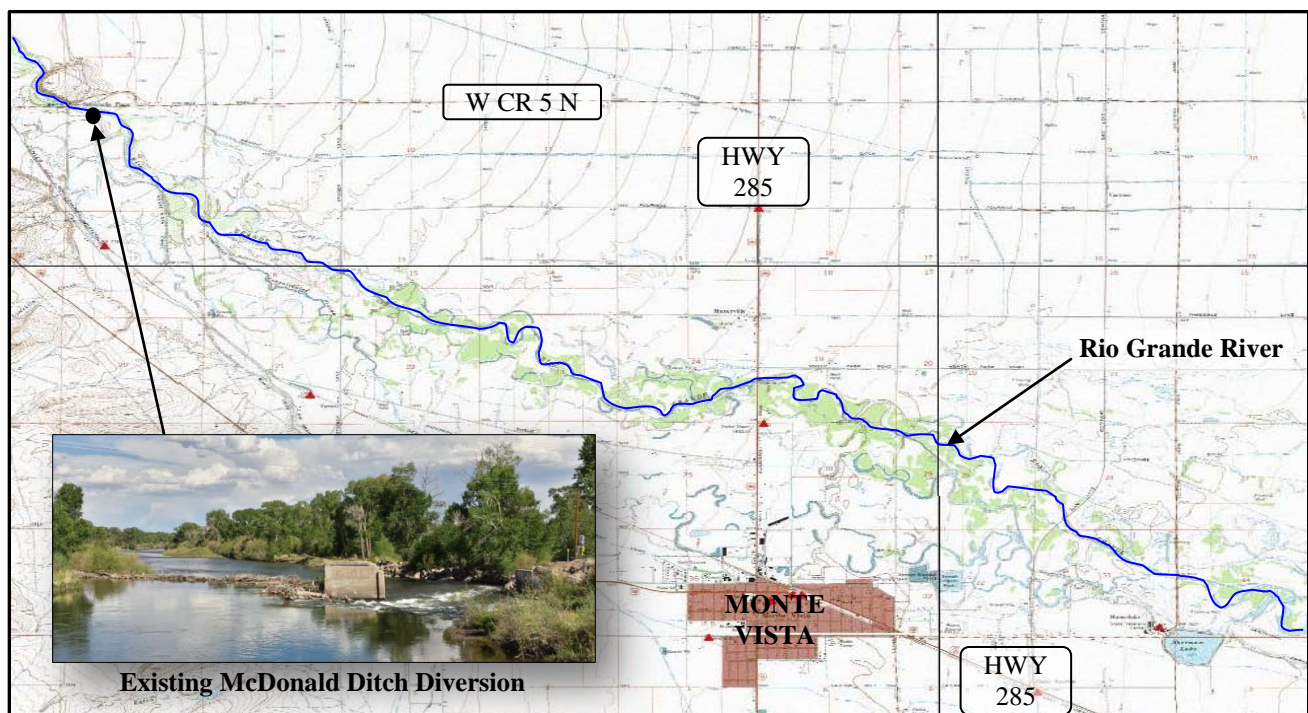


**CWCB Water Project Loan Program
Project Data Sheet**

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

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

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



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

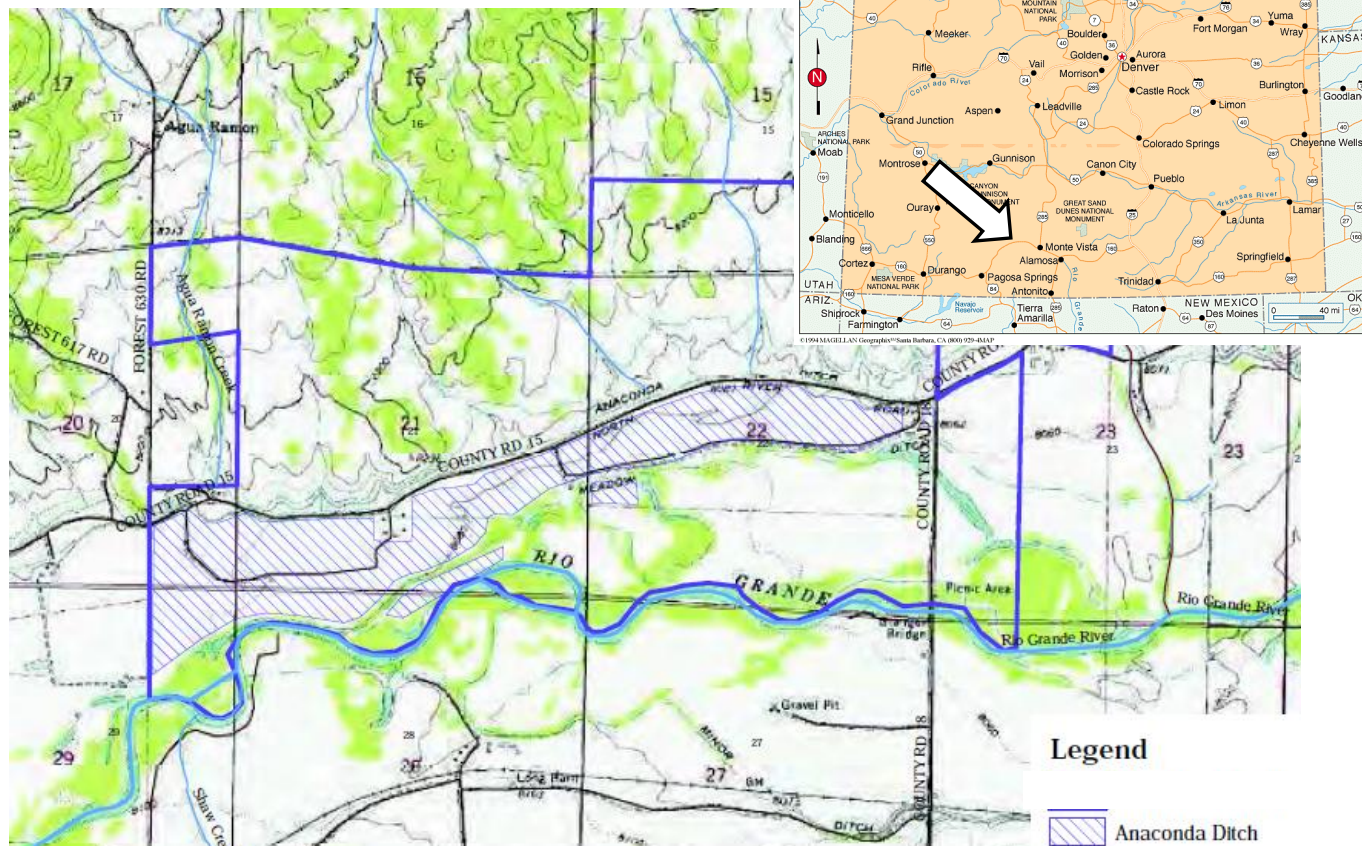
Type of Borrower: Municipal Low Income

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.

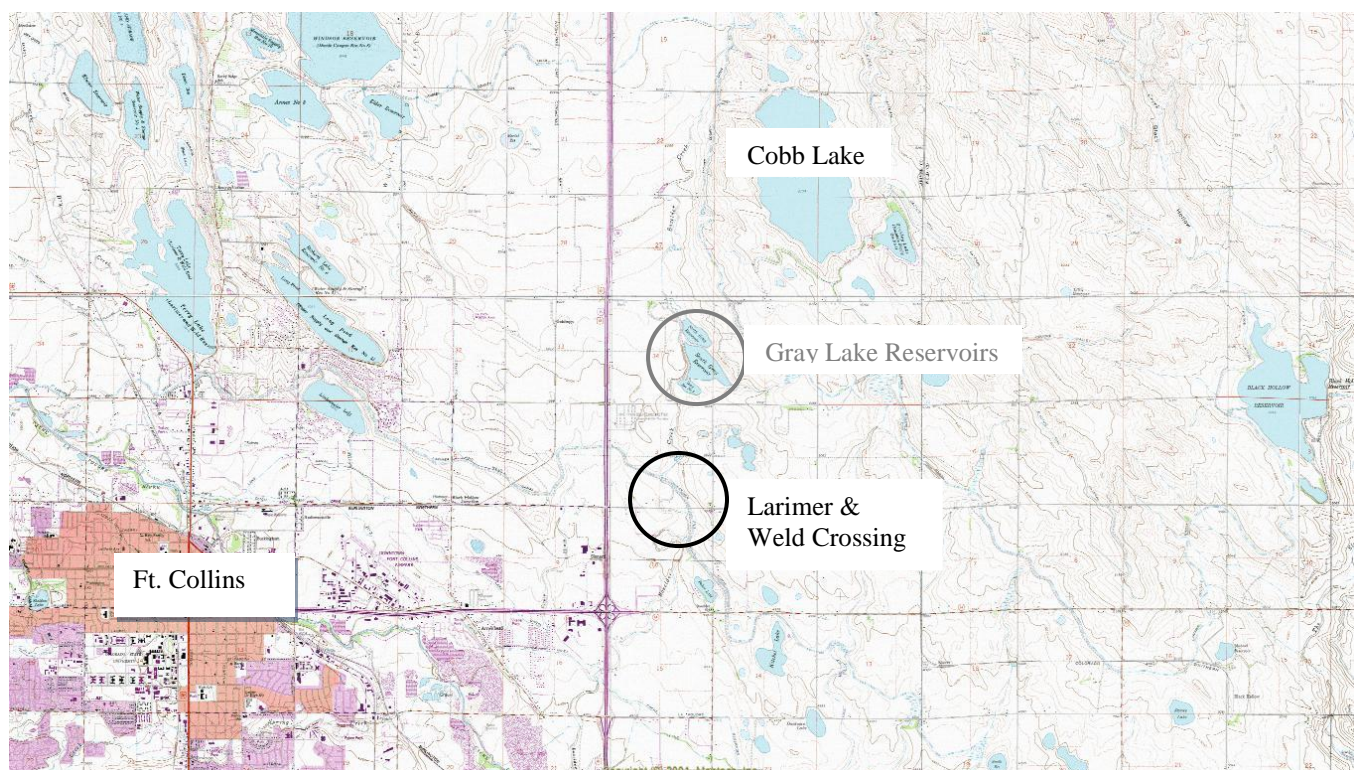


C150252

CWCB Water Project Loan Program Project Data Sheet

Borrower: Boxelder Basin Regional Stormwater Authority Project Name: Larimer-Weld Canal & Boxelder Creek Crossing Structure Drainage Basin / District: South Platte / 3 Total Project Cost: \$1,139,000 Type of Borrower: Middle Income Municipal CWCB Loan: \$1,010,000 (with 1% service fee)	County: Larimer Project Type: Flood Control Water Source: Boxelder Creek Funding Source: Construction Fund Average Annual Diversion: N/A Interest Rate: 2.75% Term: 15-years (rate reduced from 3.0% for middle income municipal)
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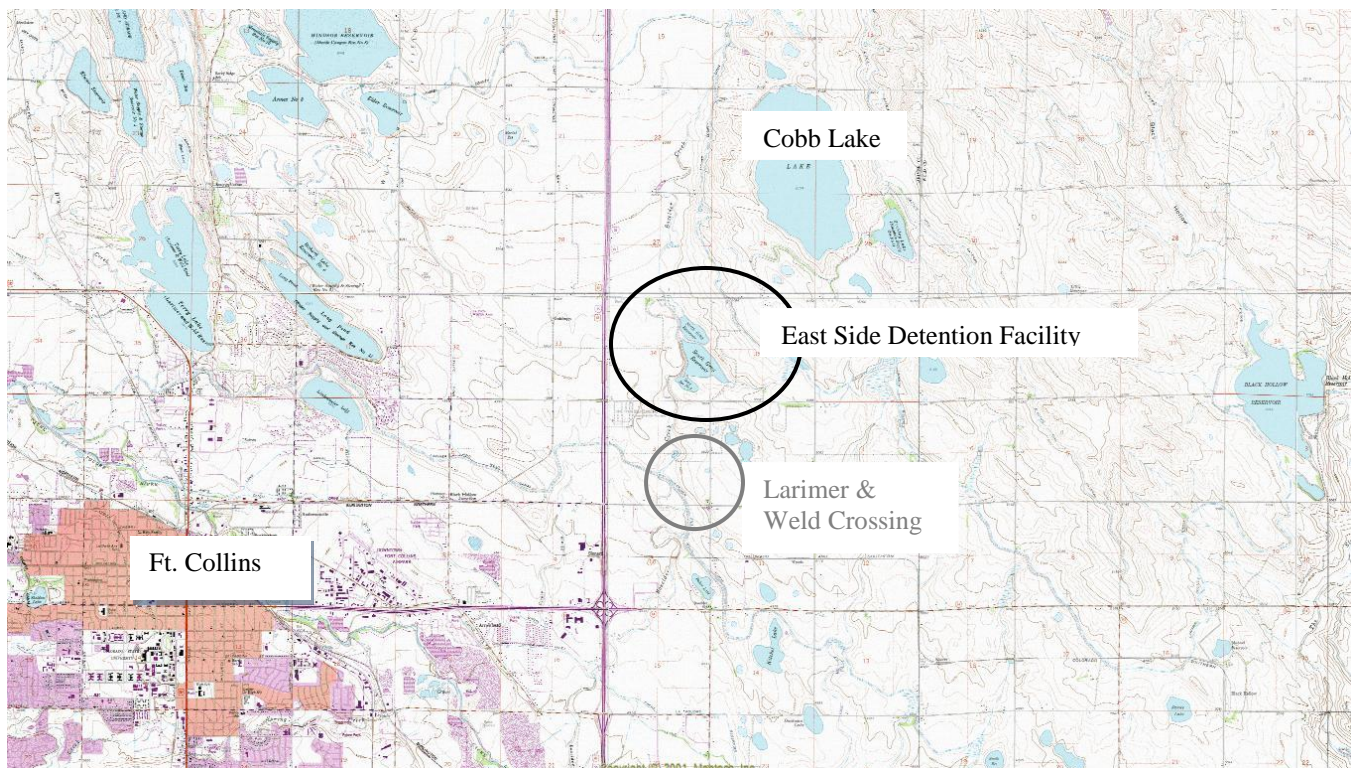
The Boxelder Basin Regional Stormwater Authority was formed in 2008, through an IGA between the City of Fort Collins, Larimer County and the Town of Wellington, to facilitate the construction of regional flood control projects to reduce the threat of flooding and remove areas from the FEMA floodplain 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

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

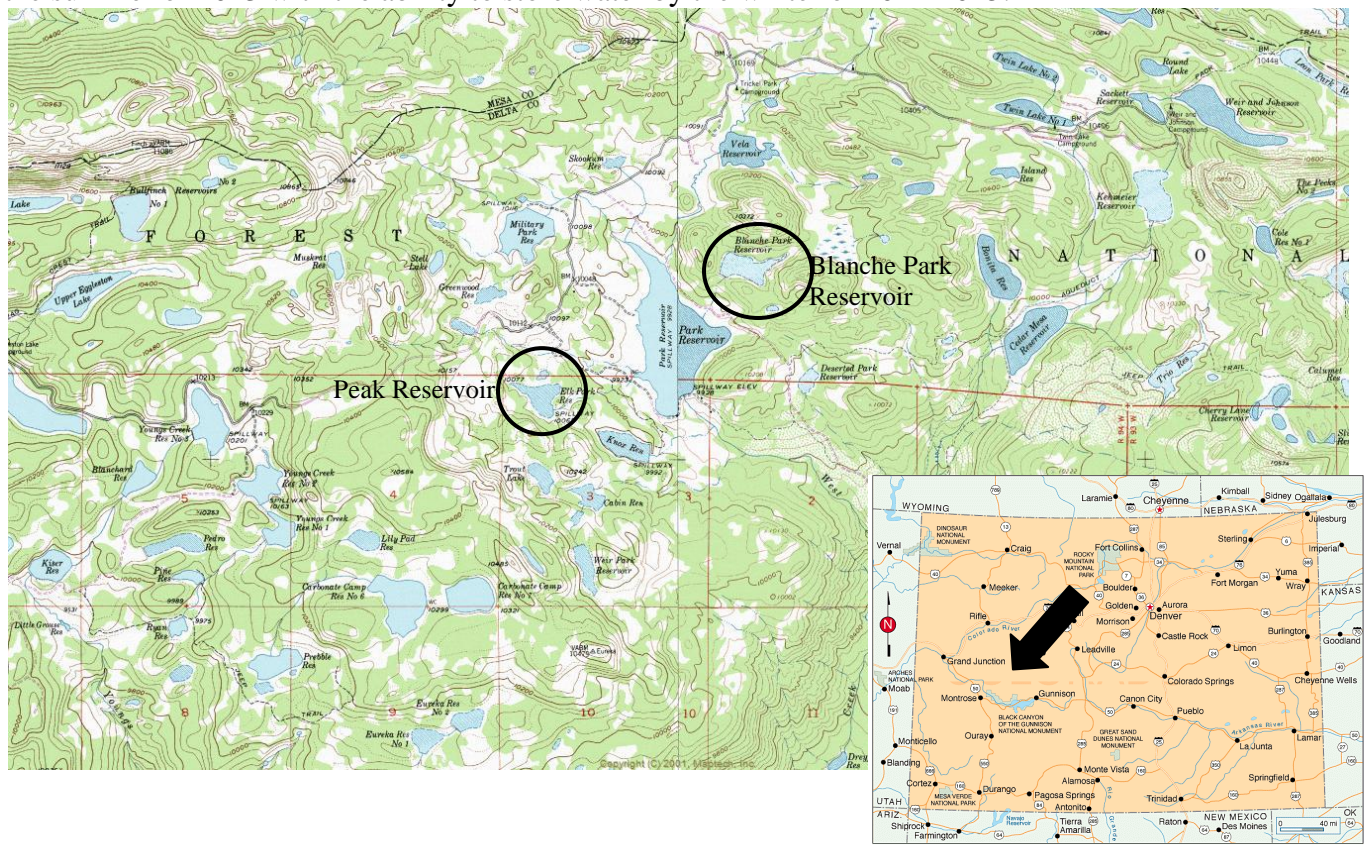
Type of Borrower: Municipal/Agricultural

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.



C150356

CWCB Water Project Loan Program Project Data Sheet

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

Project Name: Well Replacement Project

Project Type: Well Drilling

Drainage Basin/ District: Colorado / 37

Water Source: Groundwater

Total Project Cost: \$355,000

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

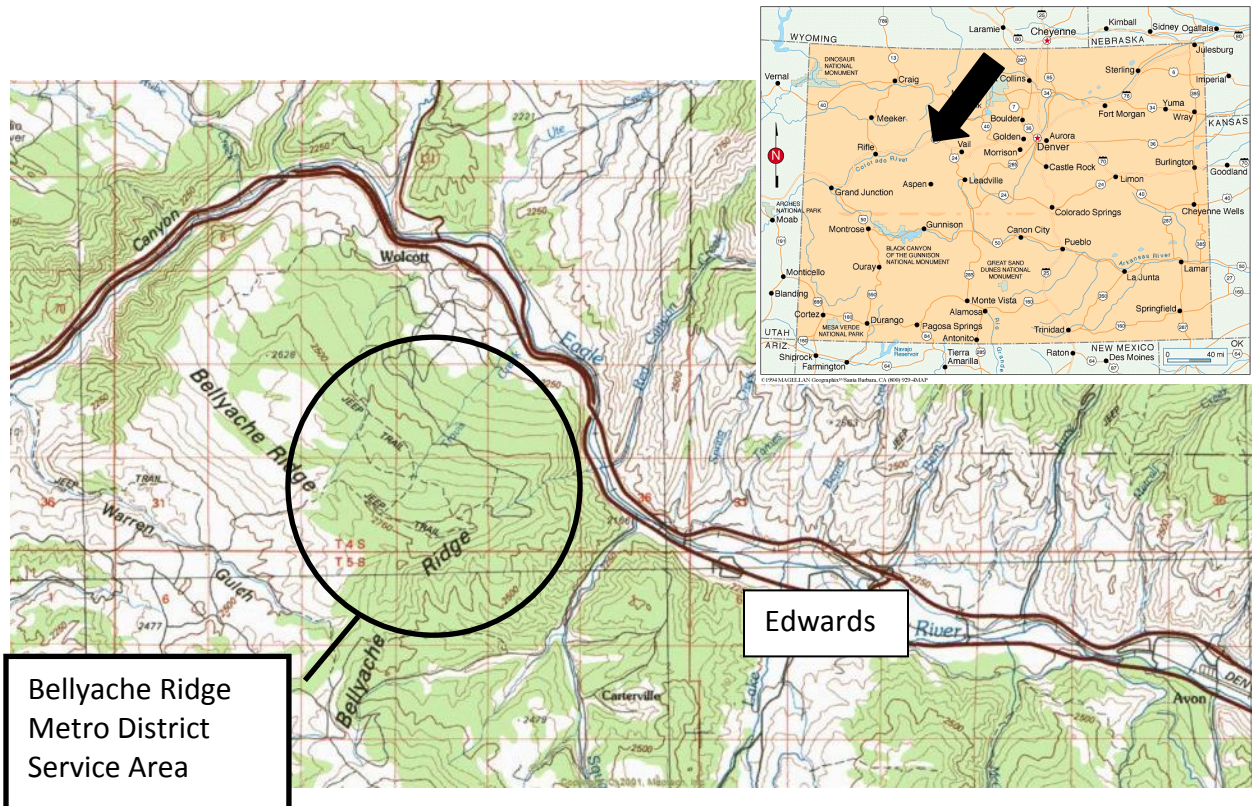
Type of Borrower: Municipal (High)

Average Annual Diversion: 11 AF

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

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

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



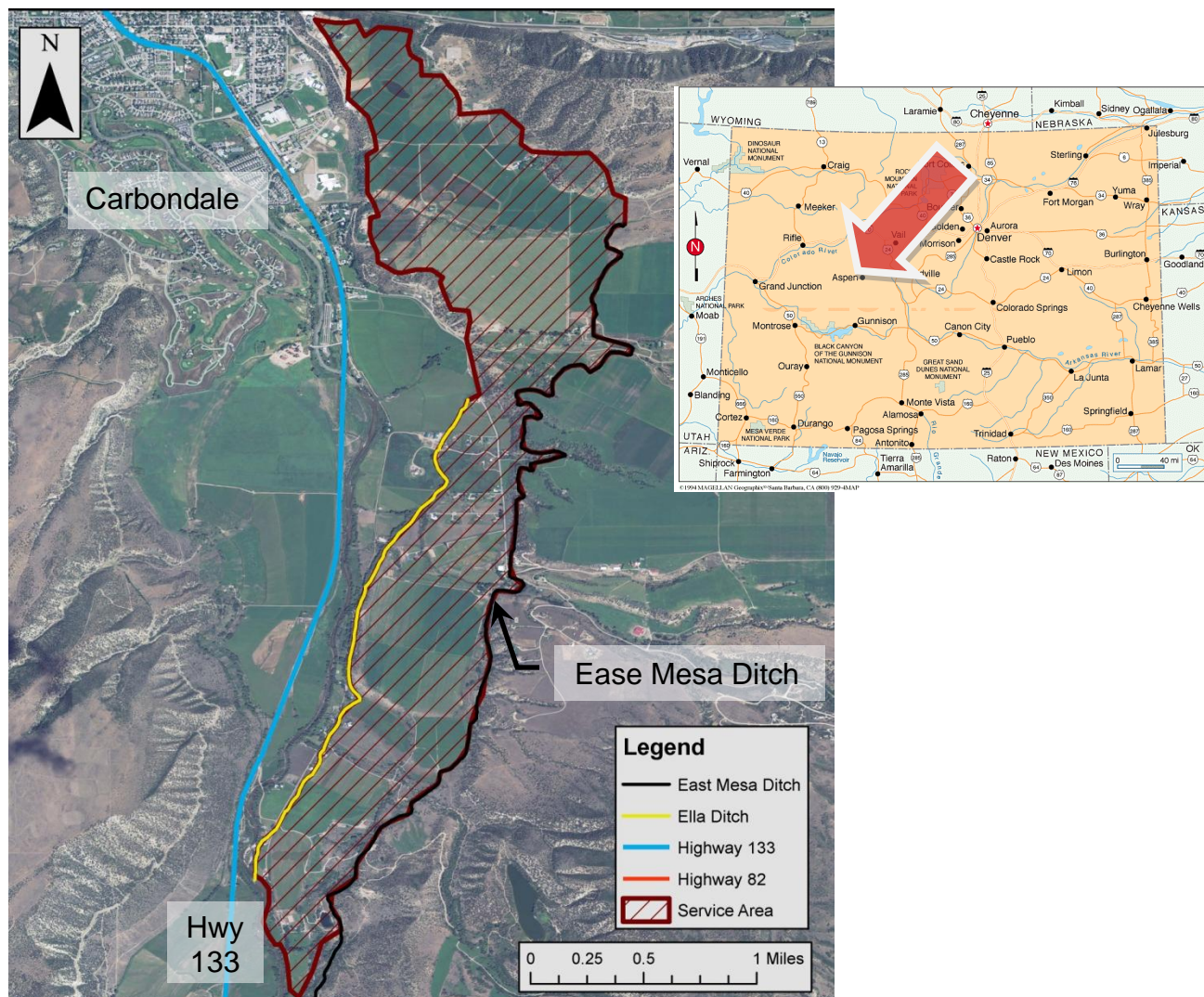
**CWCB Water Project Loan Program
Project Data Sheet**

C150360**Borrower:** East Mesa Water Company**County:** Pitkin, Garfield**Project Name:** Ditch Piping Project**Project Type:** Ditch Rehabilitation**Drainage Basin/District:** Colorado/38**Water Source:** Crystal River**Total Project Cost:** \$550,000**Funding Source:** Construction Fund, NRCS**Type of Borrower:** Agricultural**Average Annual Diversion:** 9,669AF

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

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

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

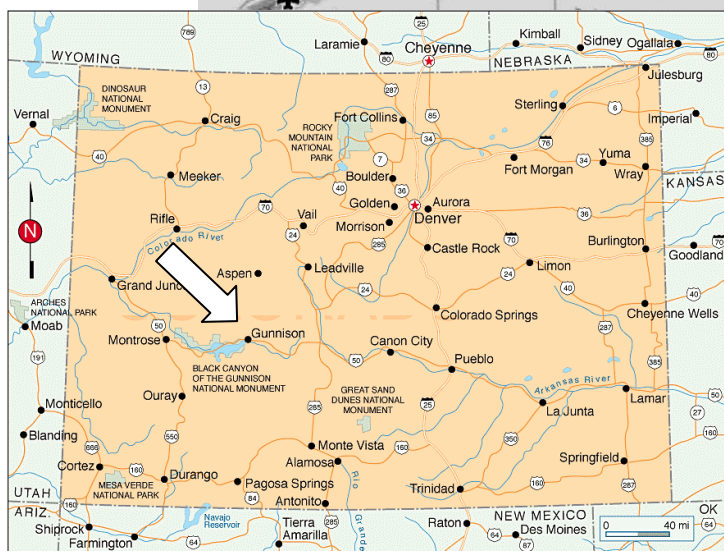
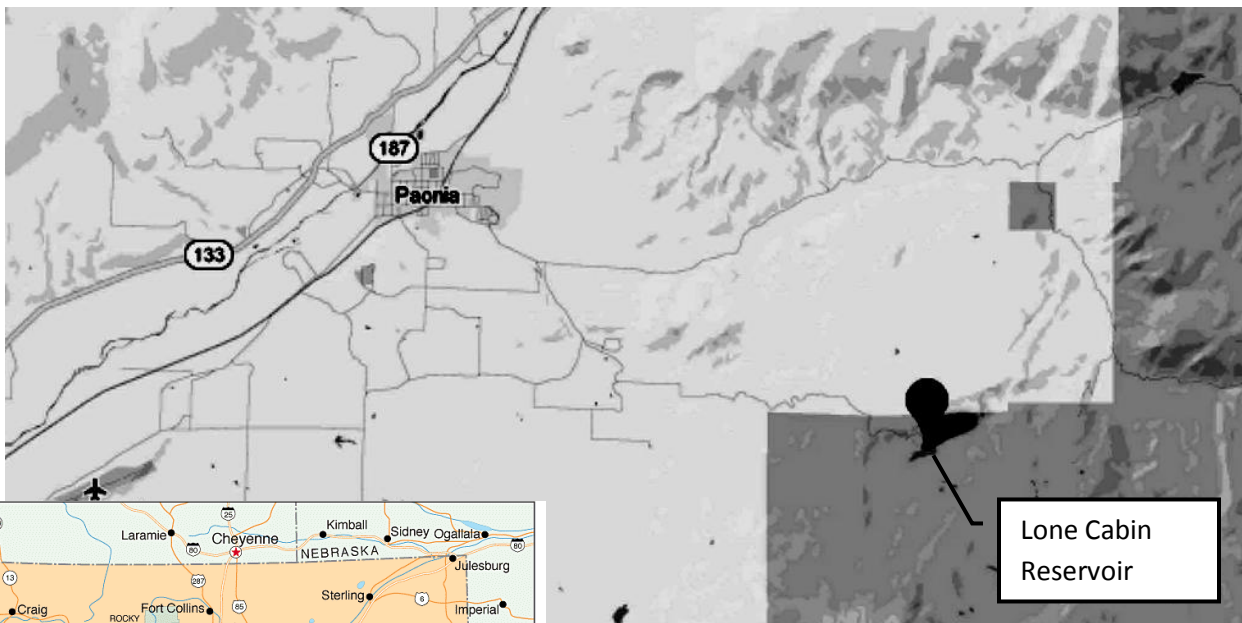


Water Project Loan Program Project Data Sheet

C150361

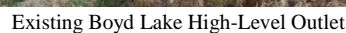
Borrower:	Lone Cabin Ditch and Reservoir Company	County:	Delta
Project Name:	Lone Cabin Dam Rehabilitation Project	Project Type:	Dam Rehabilitation
Drainage Basin:	Gunnison / District 40	Water Source:	Minnesota Creek
Total Project Cost:	\$334,300	Funding Source:	Construction Fund, WSRA Grant
Type of 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.



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

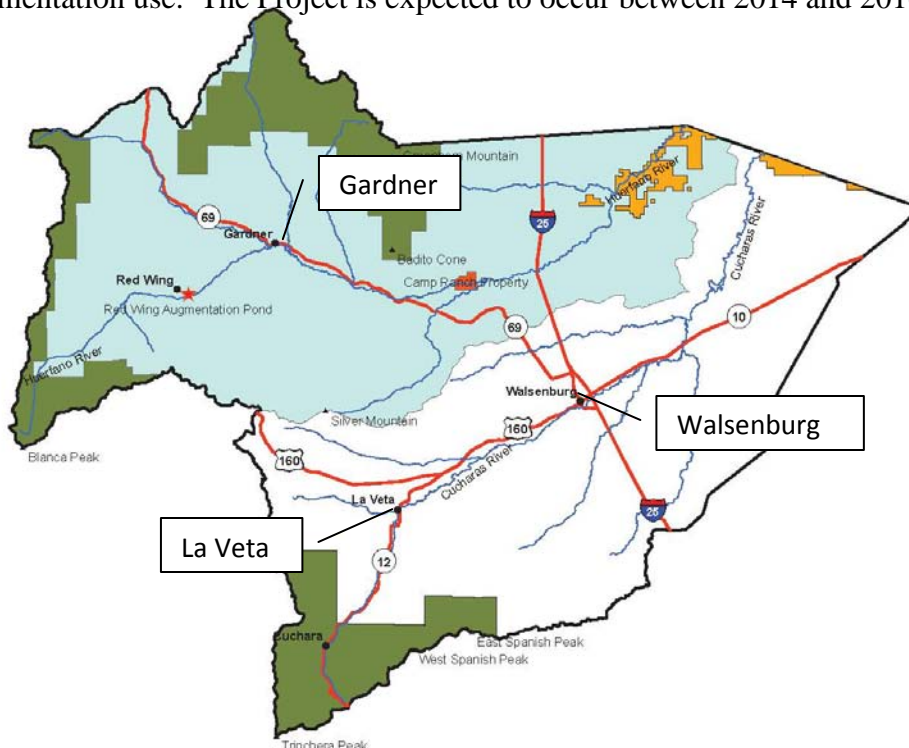
Horseshoe Lake, owned by Seven Lakes, has a surface area of 650 acres and a storage capacity of 8,051 acre-feet. The Horseshoe Lake project will be used to increase the conveyance capability from Horseshoe Lake into Boyd Lake to 1,100 cfs, at higher reservoir levels, so the Company and Seven Lakes can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



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

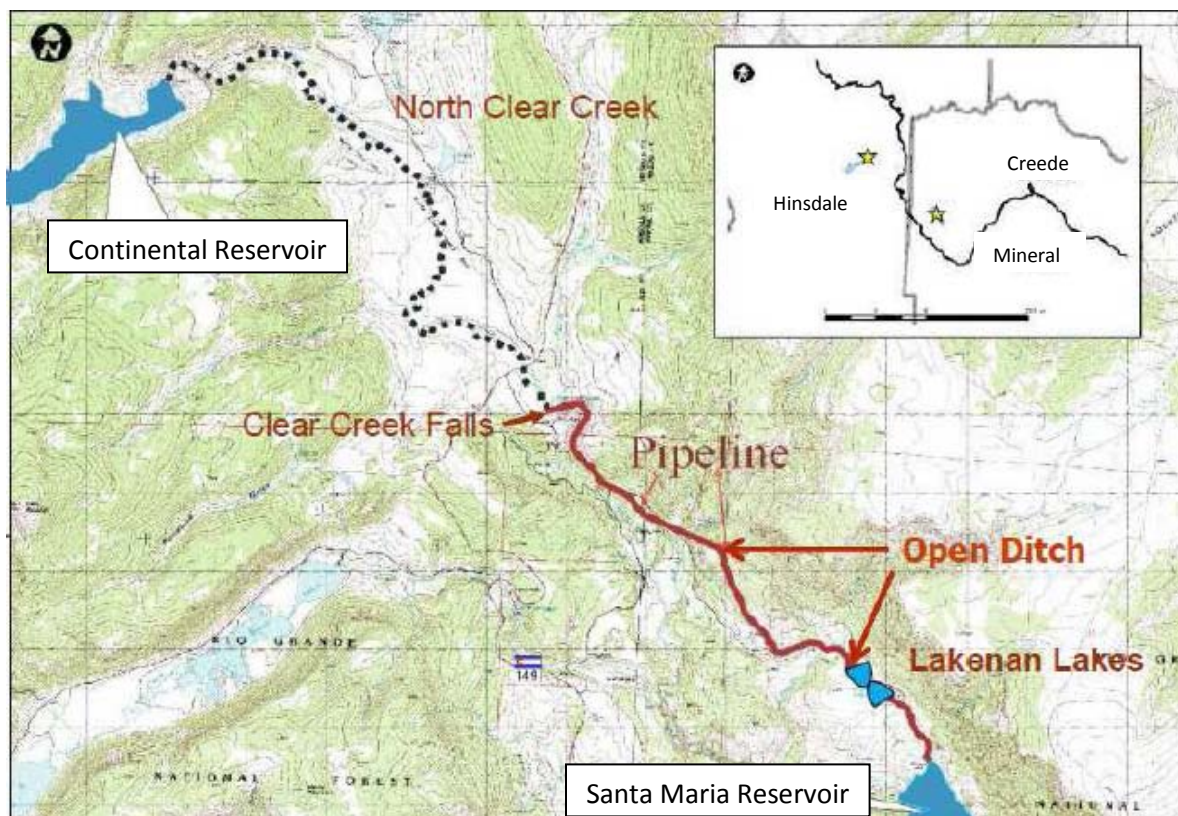
The Huerfano County Water Conservancy District is applying for a CWCB loan to develop a regional augmentation program to replace depletions of wells in unincorporated communities in Huerfano County through a regional augmentation program. Within Huerfano County there are many water users that are at 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.



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.

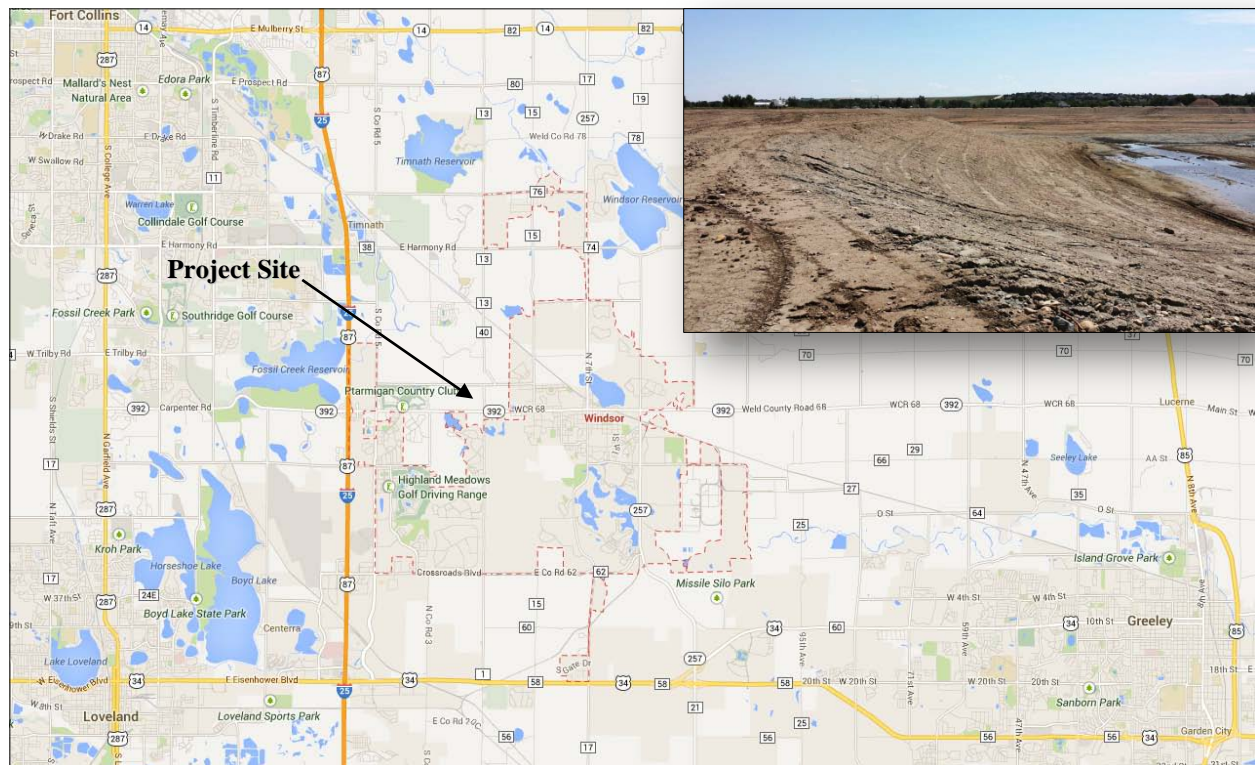


CWCB Water Project Loan Program Project Data Sheet

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.

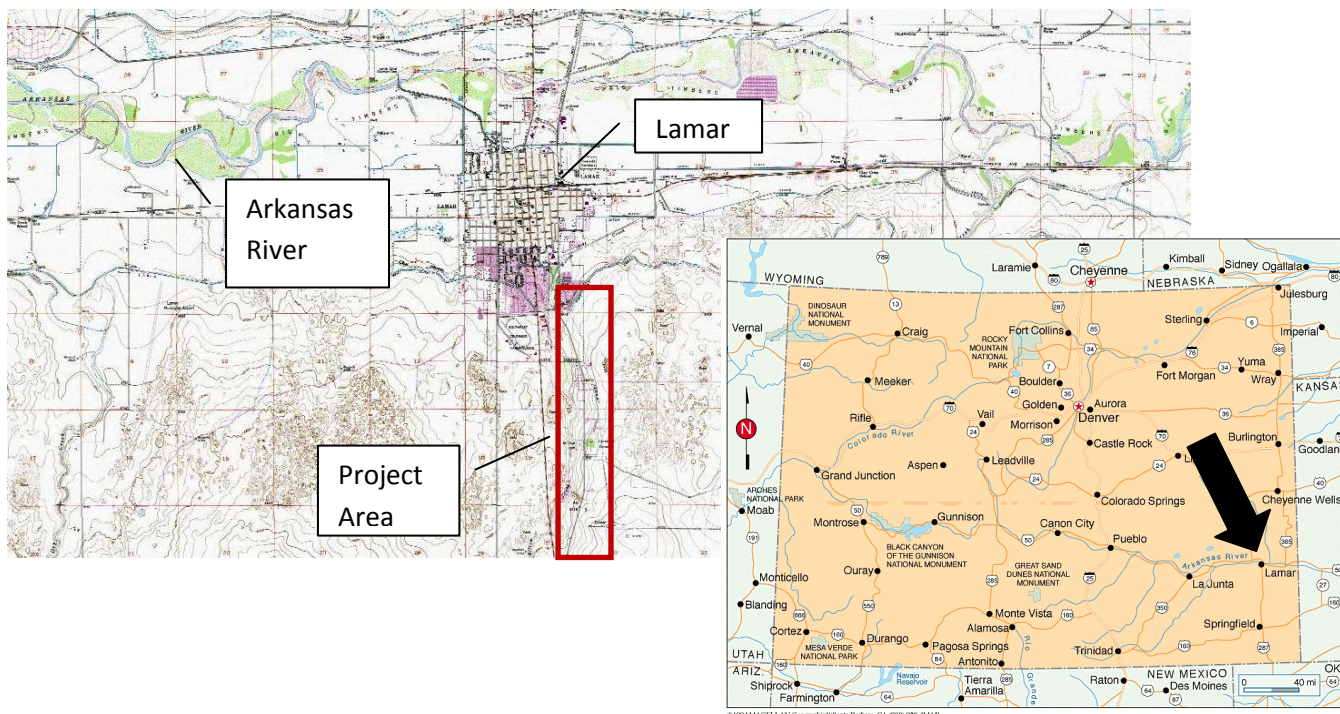


C150367

Water Project Loan Program Project Data Sheet

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

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



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

C150379

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

County: Adams

Project Name: Water Rights Purchase

Project Type: Water Rights Purchase

Drainage Basin/ District: South Platte / 7

Water Source: Clear Creek

Total Project Cost: \$800,000

Funding Source: Construction Fund

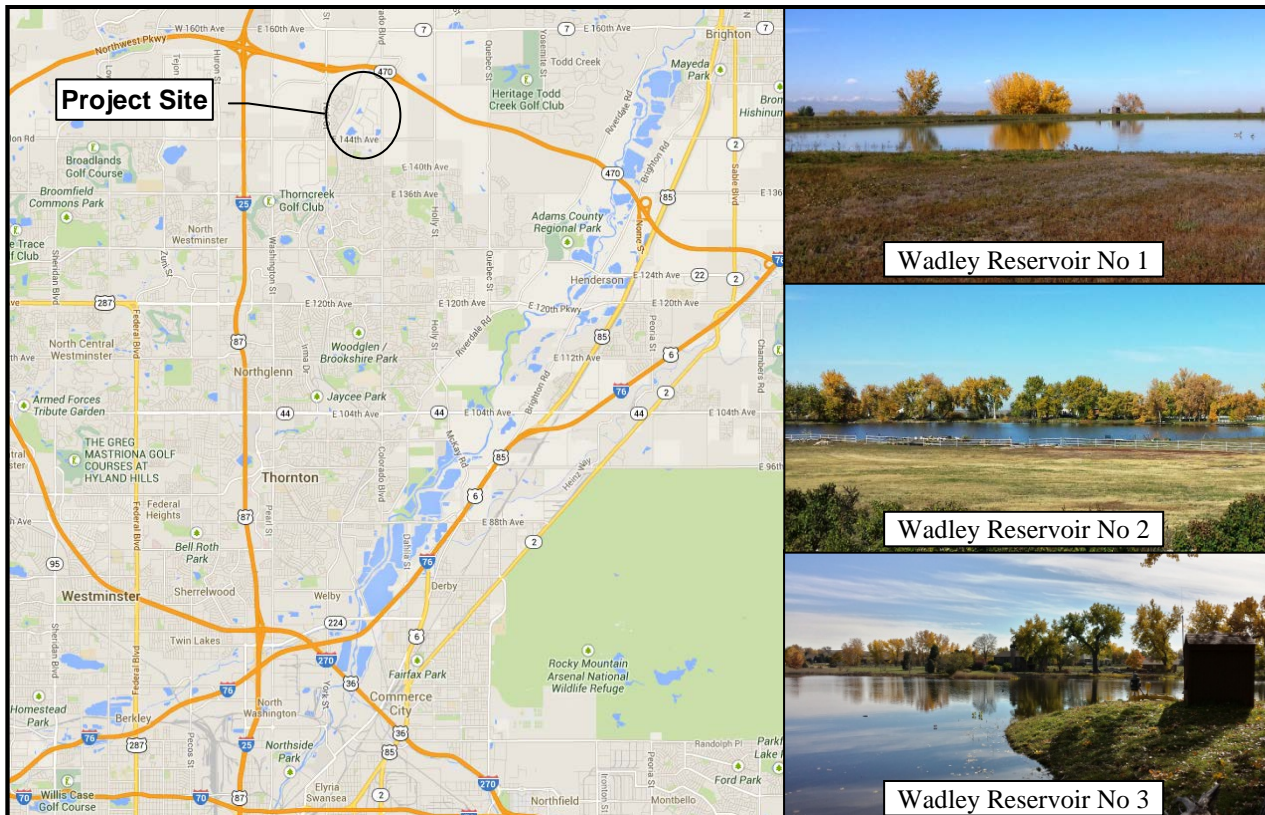
Type of Borrower: Mid-Income Municipal

Average Annual Delivery: 128.5 AF

CWCB Loan: \$727,200
(with 1% service fee)

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

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 subdivision is located in unincorporated 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.



**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

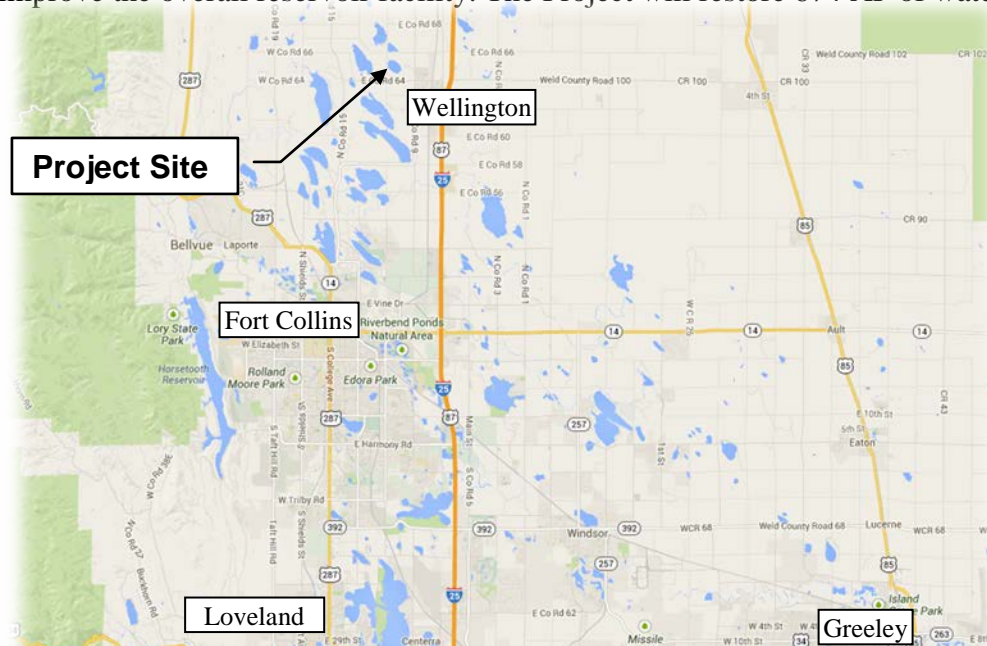
Type of Borrower: Blended

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.



**January 27-28, 2014 Board Meeting
Instream Flow and Natural Lake Level Program
Summary of Resolved Opposition Cases**

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

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

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

(1) Case No. 1-99CW228 – Application of Philip and Elaine Mueller

The Board ratified this statement of opposition at its March 2000 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan for augmentation does not injure the Board's instream flow water right on Cherry Creek by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCBC's instream flow water right will not be injured.

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

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

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

- In the event that the CCWUA should cease to provide augmentation water sufficient to replace the Mueller Pond's depletions, or in the event that the CCWUA are otherwise unable to provide such augmentation water because junior priority augmentation exchanges sought in Case No. 11CW278, Water Division 1 (e.g., the Custom Lumber Exchange, Converse Ponds Exchange, or the Roth Exchange) are called out by the CWCBC's instream flow water right on Cherry Creek decreed in Case No. 94CW246, Applicant will pump augmentation water to Cherry Creek from Well No. 65282-F ("Second Source Augmentation Water") to meet its replacement obligations as provided in the Mueller Pond Evaporation Table.

(2) Case No. 1-07CW232 – Application of Cynthia E. Johnson and Richard A. Johnson

The Board ratified this statement of opposition at its January 2008 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' proposed plan for change of water rights and plan for augmentation do not injure the Board's instream flow water right on South Boulder Creek by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCBC's instream flow water right will not be injured.

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

CWCBC Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-80CW379A	South Boulder Creek	15/2	12/2/80	St Vrain Creek	Boulder

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 Creekside Ranch Pond and Diversion are located within the reach of a CWCB ISF right with an appropriation date of December 24, 1980, Case No. 80CW379A. Although the appropriation date claimed herein is October 1, 2007, an affidavit supports the conclusion that the diversion of water at the Creekside Ranch Pond Diversion for use in the Creekside Ranch pond for recreation, fish and wildlife and piscatorial were initiated in the year 1960, occurring prior to the CWCB's appropriation of a water right for instream flow purposes on South Boulder Creek in Case No. 80CW379A. Pursuant to section 37-92-102(3)(b), C.R.S., the Applicants shall not be required to augment out-of-priority diversions of water from Creekside Ranch Pond Diversion through the 0.032-acre pond at a maximum flow rate of 1.0 cfs in the summer (May 1 – Sept 30) and 0.2 cfs in the remainder of the year, or out-of-priority evaporative loss from the 0.032 acre pond, solely to satisfy a call under the decree entered in Case No. 80CW379A, as long as the surface area of the pond does not exceed 0.032-acre, and the reach of South Boulder Creek impacted by diversions through the pond does not exceed 300 feet.

(3) Case No. 1-11CW294 – Application of Aggregate Industries - WCR, Inc.

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

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-94CW260	Bear Creek	15/7	9/13/1994	Upper South Platte	Jefferson

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

- Applicant will not divert water pursuant to this decree at the Morrison Intakes when such diversion would reduce the flow in Bear Creek below the instream flow water right maintained by the Colorado Water Conservation Board decreed in Case No. 94CW260 of 14.9 cfs from April 1 through October 15, or 7 cfs from October 16 through March 31.

(4) & (5) Case Nos. 2-96CW233 and 2-98CW174 – Applications of City of Cripple Creek

The Board ratified these statements of opposition at its March 1997 and 1999 meetings. The Board's main objective in filing the statements of opposition in these cases was to ensure that the Applicant's proposed plans for augmentation and exchange, and out-of-priority diversions do not injure the Board's instream flow water right on Fourmile Creek by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
2-95CW233	Fourmile Creek	3.5/1.5	11/6/1995	Upper Arkansas	Teller

These cases were part of a settlement of the ISF appropriation applications in the year 2000. Stipulations were signed in 2000 and attached to the ISF cases, which are applicable here. The agreed-upon terms have been included in the draft decrees for these two cases and therefore, CWCB was able to stipulate in these cases under those terms.

(6) Case No. 2-05CW105 - Application of the Highline Canal Company and the City of Aurora

The Board ratified this statement of opposition at its March 2006 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed exchange did not injure the Board's instream flow water right on Lake Fork Creek and Lake Creek.

The Court granted Applicant's Unopposed Motion to Withdraw Application Without Prejudice on November 25, 2013.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
2-77W4654	Lake Fork Creek	15	1/19/77	Lake Fork Arkansas River	Lake
2-77W4655	Lake Fork Creek	20	1/19/77	Lake Fork Arkansas River	Lake
2-75W4271	Lake Creek	15	5/1/75	Lake Fork Arkansas River	Lake

(7) Case No. 5-05CW282 – Application of Town of Eagle

The Board ratified this statement of opposition at its March 2006 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights and plan for augmentation and exchange do not injure the Board's instream flow water rights on Brush Creek and the Eagle River by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water 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
5-77W3625	Brush Creek	12	7/26/77	Eagle River	Eagle
5-80CW126	Eagle River	110/45	3/17/80	Eagle River	Eagle
5-80CW124	Eagle River	130/50	3/17/80	Eagle River	Eagle

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

- If a senior call is being administered by the Division Engineer on Brush Creek, the Applicant will curtail the out-of-priority diversions from Brush Creek and divert from the Eagle River and/or make releases from Sylvan Lake to fully augment any Brush Creek diversions. However, releases from Sylvan Lake cannot augment the Town's East Brush Creek point of diversion or the Town of Eagle Augmentation Station as all releases only flow down West Brush Creek to its confluence with Brush Creek. Applicant shall deliver an amount of replacement supply equal to the out-of-priority depletion amounts calculated as provided in this decree from one or more of the sources of augmentation supply described in the decree. Applicant shall always ensure that sufficient replacement supplies are available from these sources to replace all out-of-priority depletions that occur under this augmentation plan. Any replacement supply shall be delivered at or upstream of the calling water right.
- The change of the irrigation rights as quantified in the decree requires the maintenance of historic

return flows as necessary to prevent injury to vested water rights. When a call senior to December 30, 2005, is being administered by the Division Engineer on Brush Creek, below the White Ditch (the point where delayed return flows start to accrue to Brush Creek) the Applicant will maintain such historic return flows through releases from Sylvan Lake. When a call senior to December 30, 2005, is being administered by the Division Engineer on the Eagle River, Applicant will make releases from Eagle Park Reservoir (if available) and/or releases from Sylvan Lake to maintain such historic return flows.

- During the irrigation season, from approximately March through November, Applicant shall maintain return flows by bypassing at each headgate 100% of the average historic diversion under the water rights decreed to the Edwards, Oleson, Sutton, White and Ditch No. 4 Ditches as described in the decree. The Applicant's interest in the Matthews, Hernage, Squire & Hammond and CKP Ditches that is the subject of the dry up, shall be bypassed at their respective headgates. If required by the Division Engineer to fully bypass the water rights described in paragraph 6.B, of the decree, Applicant shall place a call or calls at the appropriate headgates.

(8) Case No. 5-10CW043 – Application of Board of County Commissioners of Summit County (with Acquisition)

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 rights does not injure the Board's instream flow water right on the Snake River by expansion of use. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-86CW210	Snake River	12/6	3/14/1986	Blue	Summit
5-86CW93	North Fork Snake River	3.5/2.0	3/14/1986	Blue	Summit

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

- No water will be stored under the priority of the changed water rights in Peru Creek Reservoir at times when the CWCB's Snake River instream flow right decreed in Case No. 86CW210 is not satisfied.
- CWCB and Applicant have entered into a water delivery agreement such that CWCB will protect any instream flow releases made by the applicant from Peru Creek Reservoir.

(9) Case No. 5-11CW185 - Application of Encana Oil Gas (USA) Inc.

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

The Court granted Applicant's Unopposed Motion to Withdraw Application With Prejudice on December 23, 2013. In its motion, Applicant stated that a change in corporate reorganization resulted in "Encana's focus in the foreseeable future shifting away from the Roan Creek basin," and therefore requested the withdrawal to be made with prejudice.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-95CW291	Roan Creek	1.75/1.25	11/6/1995	Parachute-Roan Creek	Mesa, Garfield

(10) Case No. 5-11CW198 - Application of Music Associates of Aspen, Inc.

The Board ratified this statement of opposition at its March 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan for augmentation and exchange does not injure the Board's instream flow water rights on Castle Creek and the Roaring Fork River by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water 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
5-76W2947	Castle Creek	12	1/14/1976	Roaring Fork	Pitkin
98/5/ACQ01A	Castle Creek	12	11/16/1885	Roaring Fork	Pitkin
98/5/ACQ01B	Castle Creek	12	8/27/1950	Roaring Fork	Pitkin
98/5/ACQ01C	Castle Creek	12	3/1/1902	Roaring Fork	Pitkin
98/5/ACQ01D	Castle Creek	12	1/10/1926	Roaring Fork	Pitkin
5-76W2948	Roaring Fork River	32	1/14/1976	Roaring Fork	Pitkin
5-85CW646	Roaring Fork River	55/30	11/8/1985	Roaring Fork	Pitkin
5-85CW639	Roaring Fork River	145/75	11/8/1985	Roaring Fork	Pitkin

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

- The decree clarifies operations of the flow through ponds and contains schematics of the system.
- The geothermal heat exchange use is for heat exchange between water stored in the MAA Shallow Pond and a closed loop pipeline; there shall be no diversion of water from the MAA Shallow Pond into the closed loop pipeline.
- Applicant shall replace all out-of-priority diversions that replace evaporative depletions by releasing water from the Shallow Pond any time MAA Exchange Nos. 1 and 2 are operating and there is a local call on Castle Creek (including a CWCB call). However, Applicant does not propose to replace evaporative depletions to satisfy a CWCB call when the MAA exchange Nos. 1 and 2 are not being operated because, pursuant to section 37-92-102(3)(b), C.R.S. (2013), the CWCB's instream flow rights described in the decree are subject to the use of the historical use of ponds on the MAA property for recreational, aesthetic, and piscatorial purposes, and the evaporative depletions. However, whenever the ponds (*i.e.* the MAA Enchanted Pond Well, the MAA Great Pond and the MAA Shallow Pond) are operating under Section -102(3)(b), the diversion source for evaporative replacements shall be the MAA Spring, consistent with historical operations. Any future changes in use of the MAA Enchanted Pond Well, the MAA Great Pond, and the MAA Shallow Pond (in terms of volume, surface area, type of use, or season of use), shall not be subject to section 37-92-102(3)(b), and would therefore be junior to the CWCB's instream flow rights.

(11) Case No. 5-12CW039 - Application of Vail Summit Resorts

The Board ratified this statement of opposition at its July 2012 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water

rights and plan for augmentation do not injure the Board's instream flow water rights on Keystone Gulch and Snake River by expansion of use and by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCBC's instream flow water rights will not be injured. The Court entered a Decree in this case on December 13, 2013.

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

CWCBC Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-86CW092	Keystone Gulch	1.5 (1/1-12/31)	3/14/1986	Blue	Summit
5-86CW210	SNAKE RIVER	6 (10/1-4/30) 12 (5/1-9/30)	3/14/1986	Blue	Summit

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

- Applicant agreed to drop a claim for an upstream move of a senior water right.
- Applicant agreed to volumetric limits on combined diversions at the original and claimed alternate points.

(12) Case No. 6-10CW076 – Application of JG Amato

The Board ratified this statement 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 water rights does not injure the Board's instream flow water rights on Hot Spring Creek, Mad Creek and the Elk River by expansion of use. Applicant is claiming a senior appropriation date for the additional uses, and claims to pre-date the CWCBC's instream flow water right pursuant to 37-92-102(3)(b). The CWCBC's water rights could be injured if the existing uses are not verified. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCBC's instream flow water rights will not be injured.

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

CWCBC Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
6-77W1335	Hot Spring Creek	2	9/23/1977	Upper Yampa	Routt
6-79CW223	Mad Creek	20/10	12/5/1979	Upper Yampa	Routt
6-77W1331	Elk River	65	9/23/1977	Upper Yampa	Routt
6-04CW024	Hot Spring Creek (H.E. Turner Ditch, 1 st Enlargement-Acquisition)	2	7/31/1965	Upper Yampa	Routt

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

- All change claims for Mad Ranch Pond and the HE Turner Ditch were dropped.
- The claim to use new conditional water rights for augmentation was dropped.
- When there is a valid call by the CWCBC for the CWCBC instream flow decree on Hot Spring Creek, in Case No. in Case No. 77CW1335, priority date of 9-23-1977, Applicant shall release from the Mad Ranch Pond the amount of evaporative loss in such Pond occurring during the period of such call, in a manner and in amounts as are required by the Division Engineer, Water Division No. 6.

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

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

DATE: January 10, 2014

SUBJECT: **Directors Report, January 27 – 28, 2014 Board Meeting**
Finance– Current Prequalified Project List and Loan Prospect Summary

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

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

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

Prequalified Project List

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

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

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

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

LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
South Platte					
	11-Jan	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	11-Oct	NISP Participants	NISP		\$30,000,000
	13-Oct	Chatfield Reallocation Participants	Chatfield Reallocation Participants		\$88,000,000
	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
	14-Jan	Platteville Irrigating & Milling Company	Ditch Rehabilitation Project	\$1,000,000	\$900,000
				TOTAL	\$123,450,000
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
				TOTAL	\$25,100,000
San Miguel/Juan					
	11-Feb	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				TOTAL	\$200,000
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
				TOTAL	\$1,000,000

Rio Grande					
	13-Sept	Manasa Land & Irrigation Co.	Ditch Rehabilitation		\$1,000,000
				TOTAL	\$1,000,000
Yampa					
				TOTAL	\$0

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

Recent inquiries:

Falls Creek Ranch Association – Dam rehabilitation
Colorado Springs Flycasting Club – Dam rehabilitation
Cedar Springs Improvement Association – Reservoir rehabilitation
R Lazy J Ranch - Reservoir rehabilitation
West Reservoir Ditch Company - Dam rehabilitation
Harry Lateral Ditch Company - Ditch Lining
Julesburg Irrigation District - Flume repair
Zinno Water - Water Rights Purchase
Platte Valley Irrigation Company – Headgate Replacement

**WATER PROJECT CONSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
JANUARY 2014**

LOAN REPAYMENT DELINQUENCY

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

Repayments due for the first six months of Fiscal Year 2014 totaled 142. There was one loan payment not received on time during this period. The loan payment from Shultz Farm, Inc. was less than 30 days late. The loan payment from Fuchs Ranches, Inc. was over 30 days late. The loan payment from John Peroulis & Sons, Partnership is over 30 days late and has not been received to date. Thus, the on-time performance for the total repayments due was 98% in compliance or 2% not in compliance.

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

LOAN FINANCIAL ACTIVITY

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2014 is summarized as follows: Funds received relative to loans in repayment totaled \$12.4 M for this year. Funds disbursed relative to new project loans totaled \$8.6 M for this year. Net activity resulted in \$3.8 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 \$6.0 M in receivables and \$8.0 M in disbursements for a total net activity of \$2.0 M disbursed over received. The STPBF consists of \$6.4 M in receivables and \$0.6 M in disbursements for a total net activity of \$5.8 M received over disbursed.

[See details of the table on the following page]

COLORADO WATER CONSERVATION BOARD

FINANCIAL ACTIVITY REPORT FOR FISCAL YEAR 2014

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2013	\$ 801,388	\$ 383,210	\$ 1,184,598	\$ 414,940	\$ 769,658
August 2013	\$ 246,382	\$ 240,889	\$ 487,271	\$ 1,884,780	\$ (1,397,509)
September 2013	\$ 193,739	\$ 1,094,495	\$ 1,288,234	\$ 936,836	\$ 351,398
October 2013	\$ 748,038	\$ 648,802	\$ 1,396,840	\$ 1,758,666	\$ (361,826)
November 2013	\$ 516,517	\$ 407,826	\$ 924,344	\$ 1,473,350	\$ (549,007)
December 2013	\$ 496,691	\$ 267,545	\$ 764,236	\$ 1,569,477	\$ (805,241)
January 2014	\$ -	\$ -	\$ -	\$ -	\$ -
February 2014	\$ -	\$ -	\$ -	\$ -	\$ -
March 2014	\$ -	\$ -	\$ -	\$ -	\$ -
April 2014	\$ -	\$ -	\$ -	\$ -	\$ -
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2014 Totals	\$ 3,002,755	\$ 3,042,768	\$ 6,045,523	\$ 8,038,049	\$ (1,992,527)

SEVERANCE TAX PERPETUAL BASE FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2013	\$ 205,385	\$ 217,528	\$ 422,913	\$ -	\$ 422,913
August 2013	\$ 199,053	\$ 317,810	\$ 516,864	\$ -	\$ 516,864
September 2013	\$ 2,647,007	\$ 1,367,603	\$ 4,014,609	\$ 51,256	\$ 3,963,353
October 2013	\$ 600,691	\$ 450,106	\$ 1,050,797	\$ 14,140	\$ 1,036,658
November 2013	\$ 81,999	\$ 107,775	\$ 189,773	\$ -	\$ 189,773
December 2013	\$ 61,047	\$ 102,155	\$ 163,203	\$ 458,578	\$ (295,376)
January 2014	\$ -	\$ -	\$ -	\$ -	\$ -
February 2014	\$ -	\$ -	\$ -	\$ -	\$ -
March 2014	\$ -	\$ -	\$ -	\$ -	\$ -
April 2014	\$ -	\$ -	\$ -	\$ -	\$ -
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2014 Totals	\$ 3,795,182	\$ 2,562,977	\$ 6,358,159	\$ 523,974	\$ 5,834,185

GRAND TOTALS	\$ 6,797,937	\$ 5,605,744	\$ 12,403,682	\$ 8,562,023	\$ 3,841,659
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Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
2013 November Board Approvals									
Arkansas	Pikes Peak Regional Water Authority	Arkansas Basin Implementation Plan	Nov-13	\$94,746	\$32,709	\$127,455	Other	Brent Newman	1/9/14 Contract pending approval from Controller
Colorado	Snowmass Water and Sanitation District	Customer Meter Replacement Program	Nov-13	\$100,000	\$0	\$100,000	Municipal & Industrial	Craig Godbout	
Yampa/White	Colorado River Water Conservancy District	Yampa/White Basin Implementation Plan	Nov-13	\$100,000	\$0	\$100,000		Jacob Bornstei	1/7/14 Per BN-Awaiting BRT Final Apprvl SOW.
Yampa/White	Rio Blanco Water Conservancy District	White River Storage Feasibility Study	Nov-13	\$67,500	\$67,500	\$135,000		Jacob Bornstei	12/19/13 SOW criteria sent to Dan Blich via email.
2013 September Board Approvals									
Arkansas	Rocky Mountain Field Institute	Bear Creek Sediment Mitigation Project (Phase I)	Sep-13	\$15,000	\$85,000	\$100,000	Nonconsumptive	Chris Sturm	
Arkansas	City of Lamar - Wastewater Department	Lamar Water Treatment Line	Sep-13	\$50,000	\$150,000	\$200,000	Municipal & Industrial	Anna Mauss	
Colorado	Irigators of Lands in the Vicinity of Kremmling	Upper Colorado River Irrigation and Restoration Assessment	Sep-13	\$50,000	\$0	\$50,000	Agricultural	Chris Sturm	1/8/14 On Route to DNR for approval. Updated Lat/Long fields 10/17/2013 Erik S.
Gunnison	Delta Conservation District	Somerset Diversion Improvement Study - North Fork of the Gunnison River Corridor Project	Sep-13	\$4,800	\$43,200	\$48,000	Municipal & Industrial	Craig Godbout	
Metro	The Greenway Foundation	Grant-Frontier Park West Bank Riparian Floodplain Design and Construction Project	Sep-13	\$100,000	\$250,000	\$350,000	Needs Assessment	Chris Sturm	Staff recommends apprvl up to \$250,000 frm SW & \$100,000 frm Metro Basin. Updated Lat/Long field 10/22/2013 Erik S.
Metro	Plum Valley Heights Sub-District	Plum Valley Heights Water Supply Pipeline	Sep-13	\$50,000	\$0	\$50,000	Municipal & Industrial	Kirk Russell	
Rio Grande	Lone Cabin Ditch & Reservoir Company	Lone Cabin Dam Repair and Rehabilitation	Sep-13	\$38,000	\$232,688	\$270,688	Agricultural		
South Platte	Ducks Unlimited, Inc.	Slate Land Board South Platte Recharge Study	Sep-13	\$33,663	\$0	\$33,663	Municipal & Industrial	Craig Godbout	
South Platte/Metro	Ducks Unlimited, Inc.	South Platte & Metro Integrated Basin Implementation Plan - Nonconsumptive	Sep-13	\$116,000	\$59,000	\$175,000	Needs Assessment	Jacob Bornstei	1/9/14 Contract pending Exhibit A budget revisions frm Ducks.
2013 March Board Approvals									
Colorado	Mr. William Grange	Grace and Sheehi Diversion Rehabilitation Project (Phase I & II - Alternatives Evaluation & Detailed Design)	Mar-13	\$40,500	\$0	\$40,500	Agricultural	Jacob Bornstei	
Rio Grande	Santa Maria Reservoir Company	SANTA MARIA RESERVOIR SIPHON & CANAL SYSTEM REHABILITATION	Mar-13	\$23,000	\$440,750	\$463,750	Agricultural	Anna Mauss	
2012 September Board Approvals									
Gunnison	Ridgeway, Town of	Town of Ridgeway Lake Otonowanda Renovation Project	Sep-12	\$60,000	\$540,000	\$600,000	Municipal & Industrial	Kirk Russell	
2011 July Board Approvals									
Southwest	Pagosa Lake Property Owners Association	Pagosa Lakes Area Village Lake Dam Outlet Pipe Repair Project	Jul-11	\$25,000	\$0	\$25,000	Municipal & Industrial	Kirk Russell	
2011 May Board Approvals									
Colorado	Orchard Mesa Irrigation District	Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	May-11	\$25,212	\$0	\$25,212	Agricultural	Jacob Bornstei	
2011 March Board Approvals									
Gunnison	Grand Mesa Water Conservancy District, Water Enterprise Fund	The Rehabilitation of Blanche Park Reservoir	Mar-11	\$75,000	\$0	\$75,000	Agricultural	Anna Mauss	Todd Doherty & Jacob Bornstein - Project Managers 7/11/13 Per Peg Mason the applicant/grantee can not accept funds for this grant until Jan 2014 per Mario Trimble, Bond Council.
2010 July Board Approvals									
South Platte	Northern Colorado Water Conservancy District	Data Logger and Telemetry Installation Project	Jul-10	\$46,000	\$0	\$46,000	Agricultural		



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
2010 May Board Approvals									
Gunnison	Lake San Cristobal Water Activity Enterprise (LSCWAC)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Municipal & Industrial	Kirk Russell	
2009 July Board Approvals									
Southwest	Sawplt. Town of	Domestic Water System Construction	Jul-09	\$25,000	\$0	\$25,000	Municipal & Industrial	Anna Mauss	



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Arkansas	Colorado State Parks	Helena Diversion Structure/BV Boat Chute Improvement Project	Mar-11	\$35,000	\$290,000	\$325,000	Nonconsumptive	C150507	1/15/14
Arkansas	Lower Arkansas Valley Water Conservancy District	Super Ditch Delivery Engineering	Mar-11	\$0	\$225,837	\$225,837	Agricultural	C150490	6/28/14
Arkansas	Arkansas Groundwater Users Association (AGUA)	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$9,394	\$37,577	\$46,971	Agricultural	13IBC000024	12/31/14
Arkansas	Trinidad, City of	North Lake Dam Rehabilitation Project	Mar-12	\$36,962	\$702,273	\$739,235	Municipal & Industrial	C150502	6/30/14
Arkansas	Cross Creek Metropolitan District	Hale Reservoir Renovation – Final Design & Permitting	Sep-12	\$20,000	\$100,000	\$120,000	Municipal & Industrial	C150504	6/30/14
Arkansas	Pisgah Reservoir and Ditch Company	Mount Pisgah Dam/Wright's Reservoir Outlet Works Rehabilitation	Sep-12	\$25,000	\$136,345	\$161,345	Other	C150505	9/1/14
Arkansas	Upper Arkansas Water Conservancy District	Build, Assess, and Document Accounting and Administration Tools for Lease Following in the Arkansas River Valley	Sep-12	\$20,000	\$39,215	\$59,215	Agricultural	13IBC000017	1/31/15
Arkansas	Purgatorie River Water Conservancy District	Purgatorie River Reach 3 Habitat Improvement Project	Jan-13	\$25,250	\$0	\$25,250	Nonconsumptive	14IBC000025	6/30/14
Arkansas	Southeastern Colorado Water Conservancy District	Arkansas River Basin Implementation Study	Mar-13	\$0	\$205,691	\$205,691	Other	C150541	7/31/14
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Fountain Creek Bank Restoration at the Frost Ranch	Mar-13	\$30,000	\$75,000	\$105,000	Nonconsumptive	C150521	6/1/14
Arkansas	Colorado State University	Agricultural Economics and Water Resources: Methods, Metrics and Models - A Speciality Workshop	Mar-13	\$9,746	\$0	\$9,746	Education	13IBC000025	12/31/13
Arkansas	Crowley County Board of Commissioners	Ordway Cattle Feeders Water Line Extension, Phase II	Mar-13	\$50,000	\$22,500	\$72,500	Agricultural	C150515	4/16/14
Arkansas	McClave Water Association Inc.	Water Tank Replacement	Jul-13	\$64,300	\$0	\$64,300	Municipal & Industrial	14IBC000006	12/31/14
Arkansas	Canon City, Town of	Royal Gorge Wildfire Water Quality Impact and Protection Project – Emergency Mitigation, Stabilization, and Reclamation	Sep-13	\$24,260	\$460,940	\$485,200	Other	C150536	6/27/14
Arkansas	Pikes Peak Regional Water Authority	Pikes Peak Regional Water Supply Infrastructure Study	Sep-13	\$25,000	\$50,000	\$75,000	Needs Assessment	14IBC000020	1/31/15
Arkansas	Upper Arkansas Water Conservancy District	Helena Diversion Structure/BV Boat Chute Improvement Project - Phase 2	Nov-13	\$43,125	\$0	\$43,125	Agricultural	C14IBC000021	3/1/14
Arkansas Basin Total Request				\$418,037	\$2,345,378	\$2,763,415			
Number of Projects 16									
Arkansas/South Platte/Metro	Water Environment Research Foundation	Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	Nov-13	\$100,000	\$699,967	\$799,967	Municipal & Industrial	C150456	9/30/14
Arkansas/South Platte/Metro Basin Total Request				\$100,000	\$699,967	\$799,967			
Number of Projects 1									
Colorado	Basalt Water Conservancy District	Missouri Heights	Sep-07	\$25,000	\$0	\$25,000	Needs Assessment	8000000049	3/31/14
Colorado	Gypsum, Town of	L.E.D. E. Ditch and Reservoir Reconstruction	Sep-10	\$50,000	\$175,000	\$225,000	Municipal & Industrial	C150494	9/1/16
Colorado	Mesa Conservation District	Small Acreage Irrigation Audit Program	Mar-11	\$18,273	\$0	\$18,273	Agricultural	12IBC000001	6/30/14
Colorado	Colorado Mesa University	Colorado Water 2012	Jan-12	\$29,700	\$0	\$29,700	Education	12IBC000018	6/30/14
Colorado	Colorado State University	Investigation of Water Savings, Water Quality benefits and Profitability of Sub Surface Drip on Alfalfa in Grand Valley	Mar-12	\$46,894	\$0	\$46,894	Agricultural	12IBC000019	4/30/16
Colorado	Robinson Ditch Company	Robinson Ditch Piping Improvements	Sep-12	\$60,000	\$0	\$60,000	Agricultural	13IBC000014	1/31/15
Colorado	Blue River Watershed Group	Tennille Creek Restoration Project	Sep-12	\$17,500	\$332,500	\$350,000	Nonconsumptive	C150523	7/31/15
Colorado	Eagle River Watershed Council, Inc.	Colorado River Restoration and Conservation Projects	Sep-12	\$20,000	\$90,000	\$110,000	Nonconsumptive	C150506	6/30/14
Colorado	Roaring Fork Water Conservancy	Crystal River Watershed – Assessment and Design of Restoration Projects	Sep-12	\$15,854	\$288,610	\$304,464	Nonconsumptive	C150520	1/31/17
Colorado	Tamarisk Coalition	Grand Valley Riparian Restoration Collaborative (GVRRC) Project	Sep-12	\$42,726	\$207,274	\$250,000	Nonconsumptive	C150513	1/30/17
Colorado	Grand County	Gore Canyon Whitewater Park at pumphouse - Colorado River	Jan-13	\$100,000	\$400,000	\$500,000	Nonconsumptive	C150518	8/31/15



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Colorado	Missouri Heights - Mountain Meadow Irrigation Company	Missouri Heights - Mountain Meadow Irrigation Company	Sep-13	\$50,000	\$0	\$50,000	Agricultural	OE14IBC000012	11/30/14
Colorado	Colorado River Water Conservation District	Colorado Basin Implementation Plan	Sep-13	\$166,667	\$83,333	\$250,000	Needs Assessment	C150542	10/31/14
Colorado	Grand County Water & Sanitation District	Reservoir 2 Enlargement and Lining Project	Sep-13	\$41,620	\$165,000	\$206,620	Agricultural	C150544	6/30/16
Colorado Basin Total Request				\$684,234	\$1,741,717	\$2,425,951			
Number of Projects		14							
Colorado/Yampa	Grand Junction, City of aWhite	Energy Development Water Needs Assessment Study Update	Nov-13	\$50,000	\$0	\$50,000	Municipal & Industrial	14IBC000024	3/30/14
Colorado/Yampa/White Basin Total Request				\$50,000	\$0	\$50,000			
Number of Projects		1							
Gunnison	North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMCC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sep-07	\$79,000	\$230,000	\$309,000	Agricultural	C150414	6/30/15
Gunnison	Gunnison County	75 Ditch Diversion Improvement and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Nonconsumptive	12IBC000002	6/30/15
Gunnison	Leroux Creek Water Users Association (LCWUA)	Hanson Reservoir Outlet Rehabilitation	Jul-10	\$50,000	\$0	\$50,000	Agricultural	11000000068	6/30/14
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Blue Mesa Reservoir	Mar-11	\$24,500	\$98,000	\$122,500	NONE	C150497/C150522	12/31/14
Gunnison	Colorado State University	Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	Sep-11	\$77,000	\$35,000	\$112,000	Agricultural	C150499	12/31/14
Gunnison	Colorado Mesa University	Gunnison Basin Roundtable Education Program	Mar-12	\$19,750	\$0	\$19,750	Education	12IBC000020	6/30/14
Gunnison	Leon Park Reservoir Company	Leon Park Reservoir Dam Outlet Repair	Jul-12	\$31,372	\$0	\$31,372	Agricultural	13IBC0000022	1/31/14
Gunnison	Lake Fork Vally Conservancy	Henson Creek and Lake Fork Confluence Channel Improvements	Mar-13	\$28,975	\$260,111	\$289,086	Agricultural	C150521	8/26/18
Gunnison	Delta Conservation District	Curry Easements Woody Invasives Removal Project - West Side of the North Fork of the Gunnison River	May-13	\$8,865	\$0	\$8,865	Nonconsumptive	14IBC0000017	3/31/15
Gunnison	Elmer L. Ferganchick	Bonita Reservoir Dam Outlet Pipe Rehabilitation	Jul-13	\$54,285	\$0	\$54,285	Agricultural	14IBC0000005	7/31/14
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Gunnison Basin Implementation Plan	Sep-13	\$133,333	\$66,667	\$200,000	Needs Assessment	C150534	10/31/14
Gunnison Basin Total Request				\$553,180	\$689,778	\$1,242,958			
Number of Projects		11							
Metro	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-09	\$0	\$550,000	\$550,000	Municipal & Industrial	C150474	9/15/14
Metro	Rural Water Authority of Douglas County	Rural Douglas County groundwater-level monitoring network	Sep-10	\$28,263	\$84,792	\$113,055	Municipal & Industrial	C150473	12/31/15
Metro	South Metro Water Supply Authority	Water Infrastructure and Supply Efficiency (WISE) Partnership: Western Pipeline Connection Engineering/Design	Sep-13	\$68,800	\$619,200	\$688,000	Municipal & Industrial	C150535	10/31/14
Metro	Rural Water Authority of Douglas County	Rural Well Level Monitoring in Douglas County - Supplemental Funding Request	Sep-13	\$50,000	\$0	\$50,000	Needs Assessment	C150473	12/16/15
Metro Basin Total Request				\$147,063	\$1,253,992	\$1,401,055			
Number of Projects		4							
North Platte	USDA, Forest Service	Effects of Mtn pine beetle and forest mgmt on water quantity, quality, and forest recovery N.P. and Upper CO River basins	Sep-08	\$212,306	\$164,618	\$376,923	Other	C150440	12/31/13
North Platte	Colorado State University	Monitoring the effects of weather conditions on the evapotranspiration in N.P. Basin	Sep-08	\$50,409	\$50,409	\$100,818	Agricultural	C150438	6/30/14
North Platte	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program - Phase I	May-10	\$20,000	\$0	\$20,000	Nonconsumptive	10000000126	6/30/14
North Platte	Greg Ray	Structure for Water Control	May-13	\$41,940	\$0	\$41,940	Agricultural	14IBC0000001	10/31/14

WSRA IN PROGRESS PROJECTS

Updated 1/10/2014



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
North Platte	Jackson County Water Conservancy District	North Platte Basin Implementation Plan	Sep-13	\$107,000	\$0	\$107,000	Needs Assessment	C150533	4/15/14
North Platte Basin Total Request				\$431,655	\$215,027	\$646,681			
Number of Projects		5							
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150467	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$98,000	\$148,000	Nonconsumptive	C150486	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	McDonald Ditch - Plaza Project - Phase II	Sep-11	\$20,000	\$275,000	\$295,000	Nonconsumptive	C150492	3/31/15
Rio Grande	Conejos Water Conservancy District	Conejos River System Gauging Stations Project	Mar-12	\$20,000	\$387,280	\$407,280	Agricultural	C150501	6/30/14
Rio Grande	Terrace Reservoir Irrigation Company, Inc.	Terrace Reservoir Spillway Replacement	Mar-12	\$75,000	\$1,425,000	\$1,500,000	Agricultural	C150500	12/31/14
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	Sep-12	\$65,000	\$859,400	\$914,400	Agricultural	C150510	3/31/16
Rio Grande	Mogote-Northeastern Consolidated Ditch Company	Quantifying Mogote/Romero Flows & Effects on the Conejos System	Mar-13	\$16,700	\$268,300	\$285,000	Agricultural	C150525	12/31/14
Rio Grande	SANGRE DE CRISTO ACEQUIA ASSOCIATION	Culebra Watershed Valjeos Ditch Headgate Replacement	Mar-13	\$10,000	\$90,000	\$100,000	Agricultural	14IBC000022	4/30/14
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	The Rio Grande Basin "Narrowing the Gap" for Colorado's Water Future	Mar-13	\$23,500	\$0	\$23,500	Education	13IBC000020	6/30/14
Rio Grande	Trout Unlimited	Kerber Creek Restoration Project	Jul-13	\$34,871	\$0	\$34,871	Nonconsumptive	14IBC000010	12/31/15
Rio Grande	Conejos Water Conservancy District	Radar Monitoring & Hydrologic Modeling in the Upper Rio Grande Basin	Sep-13	\$37,000	\$200,000	\$237,000	Other	C150543	12/31/15
Rio Grande	Santa Maria Reservoir Company	Santa Maria Reservoir Phase 2 - Continental Dam and Spillway Restoration	Sep-13	\$51,000	\$962,750	\$1,013,750	Agricultural	C150516	6/30/17
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Implementation Plan	Sep-13	\$211,000	\$99,800	\$310,800	Needs Assessment	C150539	1/31/15
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project: Phase 2	Sep-13	\$55,000	\$0	\$55,000	Nonconsumptive	14IBC000013	1/31/17
Rio Grande	Colorado Rio Grande Restoration Foundation	Plaza Project - Phase 2: McDonald Ditch Implementation Project	Sep-13	\$22,000	\$409,000	\$431,000	Needs Assessment		
Rio Grande Basin Total Request				\$731,071	\$5,274,530	\$6,005,601			
Number of Projects		15							
South Platte	Ducks Unlimited, Inc.	S.P. Water protection and restoration	Sep-08	\$0	\$825,552	\$825,552	Nonconsumptive	C150432	5/22/14
South Platte	The Nature Conservancy of Colorado	Arickaree River Well retirement program, Republican River basin, CO.	Sep-08	\$19,984	\$79,936	\$99,920	Agricultural	9000000084	3/29/14
South Platte	Lower South Platte Water Conservancy District	Lower South Platte Water Cooperative Organizational Analysis	Sep-10	\$60,977	\$200,000	\$260,977	Agricultural	C150476	6/30/14
South Platte	Colorado Division of Water Resources	Alluvial Aquifer Accretion/Depletion Analysis Tool	Mar-11	\$0	\$200,000	\$200,000	Other	C154209	5/31/14
South Platte	Ducks Unlimited, Inc.	South Platte River Phreatophyte Control Pilot	Sep-11	\$35,000	\$30,000	\$65,000	Nonconsumptive	13IBC000004	8/31/14
South Platte	Ducks Unlimited, Inc.	Prewitt Reservoir Wetland Partnership	Mar-13	\$45,414	\$45,414	\$90,828	Nonconsumptive	14IBC000009	12/31/15
South Platte	Northern Colorado Water Conservancy District	2013 Emergency Flood Recovery Assessment, Design and Recovery Cycle #2	Nov-13	\$0	\$755,000	\$755,000	Nonconsumptive	C150540	10/31/15
South Platte Basin Total Request				\$161,375	\$2,135,902	\$2,297,277			
Number of Projects		7							
South Platte/Metro	The Greenway Foundation	Denver South Platte River Implementation Project - Frontier/Overland Final Design	Sep-12	\$200,000	\$300,000	\$500,000	Nonconsumptive	C150509	6/30/14
South Platte/Metro	Northern Colorado Water Conservancy District	Emergency Flood Recovery Assessment, Design, and Recovery	Sep-13	\$300,000	\$1,500,000	\$1,800,000	Other	C150540	10/31/15
South Platte/Metro	South Metro Water Supply Authority	South Platte & Metro Integrated Basin Implementation Plan - Consumptive	Sep-13	\$274,000	\$138,000	\$412,000	Needs Assessment	C150537	10/31/15



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
South Platte/Metro	Colorado Water Trust	Josh Ames Diversion Removal on Poudre River	Sep-13	\$100,000	\$200,000	\$300,000	Nonconsumptive	C150532	1/15/17
South Platte/Metro Basin Total Request				\$874,000	\$2,138,000	\$3,012,000			
Number of Projects		4							
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model	Mar-11	\$0	\$148,823	\$148,823	Agricultural	C150477	3/31/14
Southwest	Lake Durango Water Authority	Lake Durango Water Authority/ Source Water Infrastructure	Sep-11	\$50,000	\$450,000	\$500,000	Municipal & Industrial	C150487	12/15/15
Southwest	La Plata Archuleta Water District	Construction of Municipal Water Distribution Pipeline and Related Facilities	Sep-12	\$25,000	\$475,000	\$500,000	Municipal & Industrial	C150517	3/31/14
Southwest	Mancos Conservation District	Mancos River Habitat and Diversion Project - Phase 2	Sep-12	\$20,000	\$99,340	\$119,340	Nonconsumptive	C150511	3/1/15
Southwest	Montezuma Valley Irrigation Company	Improved Water User, Conservation, Management and Operations through the Implementation of Water Accounting Software	Sep-12	\$52,500	\$0	\$52,500	Agricultural	13IBC000012	12/31/14
Southwest	Animas Airpark Property Owners Association	Animas Airpark Water Distribution System	Jan-13	\$20,000	\$0	\$20,000	Municipal & Industrial	13IBC000021	12/31/14
Southwest	Animas Consolidated Ditch Company	Animas River Diversion Headgate Monitoring Study	Mar-13	\$14,500	\$0	\$14,500	Agricultural	13IBC000023	12/31/13
Southwest	Harris Water Engineering	Southwest Basin Implementation Plan	Sep-13	\$51,015	\$25,127	\$76,142	Needs Assessment	14IBC000016	1/31/15
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model – Request for Supplemental Funding	Sep-13	\$0	\$6,926	\$6,926	Nonconsumptive	C150477 - Amendment	3/31/14
Southwest	Ute Mountain Ute Tribe	Ute Mountain Ute Tribe Water Conservation and Management Plan	Sep-13	\$30,000	\$40,000	\$70,000	Needs Assessment	14IBC000019	1/31/16
Southwest Basin Total Request				\$263,015	\$1,245,216	\$1,508,231			
Number of Projects		10							
Yampa/White	Yampa, Town of	Town of Yampa Water Facilities Plan and storage tank upgrades	Sep-08	\$61,062	\$0	\$61,062	Municipal & Industrial	9000000090	6/30/14
Yampa/White	Bear River Reservoir Company	Stillwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Agricultural	C150469	8/20/15
Yampa/White	Colorado State University	Improvement of Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa /White Basin	Sep-10	\$10,000	\$10,978	\$20,978	Agricultural	11000000058	6/30/15
Yampa/White	Moffat County	Yampa-White Basin Projects and Methods Analysis	Mar-11	\$38,000	\$152,000	\$190,000	Other	C150481	3/31/14
Yampa/White	The Friends of the Yampa	Yampa River Structures Project	Sep-11	\$50,000	\$0	\$50,000	Nonconsumptive	13IBC000006	12/31/14
Yampa/White	Rangely, Town of	Rangely Irrigation System Master Plan Study	Jan-13	\$12,500	\$0	\$12,500	Nonconsumptive	13IBC000015	12/31/14
Yampa/White	Routt County Conservation District	Armstrong Creek Restoration Project	Mar-13	\$15,000	\$35,000	\$50,000	Nonconsumptive	14IBC000011	3/31/15
Yampa/White	Community Agriculture Alliance, Inc.	Development & Implementation of Water Education & Networking 3 year Program of Discussions, Forums, Workshops Tours	Jul-13	\$30,000	\$0	\$30,000	Education	14IBC000008	11/30/15
Yampa/White Basin Total Request				\$405,562	\$197,978	\$603,540			
Number of Projects		8							



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Arkansas	Southeastern Colorado Water Activity Enterprise	Arkansas Valley Conduit		\$64,300	\$0	\$64,300	Municipal & Industrial	C150406		
Arkansas	El Paso County Water Authority	Upper Black Squirrel Creek Aquifer Recharge Investigation	Mar-07	\$45,200	\$0	\$45,200	Municipal & Industrial	8000000011		
Arkansas	El Paso County Water Authority	Ground Water Conference	Mar-07	\$24,721	\$0	\$24,721	Education	8000000010	10/10/07	6/30/09
Arkansas	Pueblo and El Paso Counties	Fountain Creek Vision Task Force	May-07	\$75,000	\$0	\$75,000	Needs Assessment	8000000084	6/30/09	6/30/09
Arkansas	Round Mountain Water and Sanitation District	Round Mountain Water & Sanitation District Water System Improvements Project	May-07	\$120,000	\$0	\$120,000	Municipal & Industrial	C150403	9/2/09	9/17/09
Arkansas	Lower Arkansas Valley Water Conservancy District	Rotational Land Following-Water Leasing Program -Lower Arkansas Super Ditch Company	Jan-08	\$150,000	\$0	\$150,000	Agricultural	C150425	6/30/10	5/15/10
Arkansas	Upper Big Sandy Ground Water Management District	Upper Big Sandy Water Balance	Jan-08	\$45,000	\$0	\$45,000	Needs Assessment	8000000100		5/8/09
Arkansas	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin	Jan-08	\$23,860	\$0	\$23,860	Agricultural	8000000135		12/1/08
Arkansas	Greater Arkansas River Nature Association	Arkansas Headwaters Diversion Structure Improvement Project	Mar-08	\$0	\$57,955	\$57,955	Nonconsumptive	9000000025		8/31/09
Arkansas	Las Animas, City of	City of Las Animas Water System Improvements	Mar-08	\$100,000	\$200,000	\$300,000	Municipal & Industrial	C150424	12/31/09	9/23/09
Arkansas	Colorado State Parks	Colorado State Parks Zebra Mussel Response	Mar-08	\$0	\$1,000,000	\$1,000,000	Other	C150416	6/30/10	6/30/10
Arkansas	Upper Arkansas Water Conservancy District	Telemetry data collection platforms at six reservoirs plus flow control equipment & gauging at six reservoir outlet channels & nine streams w/in the Upper Ark River basin	Sep-08	\$75,000	\$210,332	\$285,332	Agricultural	C150439	12/31/11	9/7/11
Arkansas	Colorado State University	Geospatial Decision Support System for Integrated Water Management in the Arkansas River Basin	Sep-08	\$100,000	\$500,000	\$600,000	Needs Assessment	C150441	6/30/13	6/30/13
Arkansas	Lower Arkansas Valley Water Conservancy District	John Martin Wetlands & Neenoshie Reservoir	May-09	\$148,975	\$0	\$148,975	Needs Assessment	C150457	6/30/12	6/28/12
Arkansas	Upper Arkansas Water Conservancy District	Nonconsumptive Needs Quantification	Sep-09	\$0	\$180,000	\$180,000	Needs Assessment	C150460	6/30/13	9/25/12
Arkansas	Pueblo, City of	UAWCD Hydrologic Water Balance Study	Sep-09	\$75,000	\$150,000	\$225,000	Nonconsumptive	C150465	6/30/13	6/30/13
Arkansas	Southeastern Colorado Water Conservancy District	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Jul-10	\$33,600	\$0	\$33,600	Nonconsumptive	11000000012	8/31/11	12/31/11
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Stakeholder's Cooperative Management Analysis for the Upper Arkansas River Basin	Sep-10	\$7,000	\$28,000	\$35,000	Nonconsumptive	12IBC000009	4/1/12	3/29/12
Arkansas	Purgatorie River Water Conservancy District	Trinidad/Purgatorie River Reach 4 Demonstration Project	Jan-11	\$75,000	\$0	\$75,000	Nonconsumptive	11000000131	12/31/12	12/31/12
Arkansas	Southeastern Colorado Water Conservancy District	The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Colorado River Compact curtailment in Colorado	Mar-11	\$24,500	\$98,000	\$122,500	Municipal & Industrial	C150496	6/30/13	3/7/13
Arkansas	Colorado Foundation for Water Education	Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Mar-11	\$0	\$30,515	\$30,515	Education	11000000113	12/31/12	1/30/12
Arkansas	Sangre de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$0	\$0	\$0	Agricultural	12IBC000006	6/30/15	
Arkansas	Lower Arkansas Valley Water Conservancy District	Colorado Water 2012	Jan-12	\$6,255	\$0	\$6,255	Education	13IBC000005	8/31/12	8/2/12
Arkansas	El Paso County by its Board of County Commissioners	Groundwater Quality Study - Phase 2 - Upper Black Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	May-12	\$35,000	\$0	\$35,000		13IBC000018	3/31/15	12/26/13
Arkansas	Lower Arkansas Valley Water Conservancy District	Ag-Municipal Conservation Easement Demonstration	Sep-12	\$54,000	\$216,000	\$270,000	Agricultural	C150512	12/30/12	12/31/12
Arkansas Basin Total Request				\$1,282,411	\$2,670,802	\$3,953,213				



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Arkansas/Colorado/Gunnison/North Platte/Rio Grande/Southwest/South Platte/Metro Basin Total Request										
Number of Projects	1			\$23,000	\$50,004	\$73,004				
Arkansas/Metro	El Paso County Water Authority	Flaming Gorge Project Task Force Assessment	May-10	\$60,000	\$0	\$60,000	Other	11000000008	6/30/11	6/30/11
Arkansas/Metro Basin Total Request										
				\$60,000	\$0	\$60,000				
Number of Projects	1									
Arkansas/South Platte	Pikes Peak Regional Water Authority	Rotating Agricultural Fallowing Public Policy Working Group	Jul-11	\$20,000	\$0	\$20,000	Agricultural	12IBC000015	3/31/13	3/31/13
Arkansas/South Platte Basin Total Request										
				\$20,000	\$0	\$20,000				
Number of Projects	1									
Colorado	Eagle Park Reservoir Company	Enlargement of Eagle Park Reservoir		\$100,000	\$400,000	\$500,000	Municipal & Industrial	C150401		
Colorado	Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)		\$0	\$200,000	\$200,000	Other	C150404		
Colorado	Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)	Mar-07	\$0	\$200,000	\$200,000	Nonconsumptive	C150404	6/30/08	6/30/08
Colorado	Southeastern Colorado Water Conservancy District	Non-native Phreatophyte Trees & Mapping Project	Mar-07	\$0	\$0	\$0	Other	80000000005	6/30/09	6/30/09
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Nonconsumptive	80000000012		
Colorado	Grand County	Vail Ditch Project	Mar-07	\$0	\$1,500,000	\$1,500,000	Agricultural	C150409	6/30/08	6/30/08
Colorado	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sep-07	\$50,000	\$0	\$50,000	Agricultural	80000000039	6/30/10	2/25/09
Colorado	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	\$100,000	Municipal & Industrial	90000000026	6/30/09	3/2/10
Colorado	Grand County	Fraser Sedimentation Basin	Mar-08	\$60,000	\$127,900	\$187,900	Nonconsumptive	C150449	6/30/12	12/28/11
Colorado	Grand County	Grand County Stream Flow Management Plan	May-08	\$100,000	\$0	\$100,000	Nonconsumptive	C150461	6/30/11	12/16/10
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000	\$0	\$40,000	Nonconsumptive	90000000049	10/1/09	10/1/09
Colorado	West Divide Water Conservancy District	Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Sep-08	\$40,000	\$0	\$40,000	Municipal & Industrial	90000000052	8/31/09	9/2/09
Colorado	Trout Unlimited	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Nonconsumptive	110000000126	12/31/12	12/23/11
Colorado	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	\$315,171	\$0	\$315,171	Needs Assessment	C150451	6/30/12	6/14/12
Colorado	Colorado Foundation for Water Education	Solicitation of Stakeholders input and advice through a Colorado River Basin edition of Headwaters Magazine	Sep-10	\$25,000	\$0	\$25,000	Education	110000000039	6/30/11	6/28/11
Colorado	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Agricultural	110000000097	6/30/11	6/1/11
Colorado	Blue River Watershed Group	Upper Swan River Restoration Project	Mar-12	\$30,000	\$0	\$30,000	Nonconsumptive	12IBC000021	3/30/13	3/29/13
Colorado	Eagle River Watershed Council, Inc.	Colorado River Inventory & Assessment	May-12	\$30,000	\$0	\$30,000	Needs Assessment	13IBC000003	12/31/13	12/31/13
Colorado Basin Total Request				\$1,035,171	\$2,427,900	\$3,463,071				
Number of Projects	18									
Colorado/Yampa/White	Grand Junction, City of	Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)	Mar-08	\$0	\$300,000	\$300,000	Needs Assessment	C150407	3/31/11	
Colorado/Yampa/White Basin Total Request										
				\$0	\$300,000	\$300,000				
Number of Projects	1									
Gunnison	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure		\$40,000	\$0	\$40,000	Municipal & Industrial	80000000021		12/28/08
Gunnison	Leroux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Leroux Creek Drainage Basin	May-07	\$60,000	\$0	\$60,000	Agricultural	80000000008	6/30/11	6/30/11
Gunnison	Orchard City, Town of	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Municipal & Industrial	80000000007	6/30/08	6/30/08
Gunnison	Orchard City, Town of	Orchard City Water Reservoir Project (Remaining Tasks)	Sep-07	\$0	\$480,000	\$480,000	Municipal & Industrial	C150410	12/31/08	12/31/08
Gunnison	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sep-07	\$56,700	\$0	\$56,700	Municipal & Industrial	80000000059		



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sep-07	\$48,000	\$62,700	\$110,700	Agricultural	C150411	12/31/08	
Gunnison	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sep-07	\$0	\$68,000	\$68,000	Agricultural	8000000038	9/30/12	9/30/12
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Phase II Engineering for Lake San Cristobal Outlet Modification	Jul-08	\$75,265	\$0	\$75,265	Municipal & Industrial	90000000041	6/30/11	4/8/11
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Lake San Cristobal Outlet Structure Modification--Phase III	Nov-08	\$0	\$120,960	\$120,960	Municipal & Industrial	C150444A	6/30/11	
Gunnison	Ridgeway, Town of	Ridgeway Ditch and Lake Olona/anda Improvement Project	Mar-09	\$109,500	\$0	\$109,500	Municipal & Industrial	C150455	6/30/11	6/30/11
Gunnison	City of Grand Junction Water Enterprise Fund	Juniata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Municipal & Industrial	90000000088		
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam Fish Passage Feasibility Study	May-09	\$22,100	\$0	\$22,100	Nonconsumptive	9000000144	6/30/10	1/25/10
Gunnison	Ouray, City of	Development of Augmentation Supplies	May-09	\$50,000	\$0	\$50,000	Municipal & Industrial	10000000041	6/30/11	6/30/11
Gunnison	Valley View Irrigation Association	Valley View Irrigation Improvement	Mar-11	\$0	\$0	\$0	Agricultural	1100000127	12/31/11	7/26/11
Gunnison	Gunnison Gorge Anglers - Trout Unlimited	Relief Ditch Diversion Dam Design	May-11	\$20,650	\$0	\$20,650	Agricultural	12IBC0000004	6/30/12	6/30/12
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam --- Partial Dam Removal and Stabilization	Sep-11	\$0	\$0	\$0	Nonconsumptive	12IBC0000008	3/31/12	3/31/12
Gunnison	Grand Mesa Reservoir Company	Lining Outlet for Grand Mesa Reservoir #6	Nov-11	\$19,840	\$0	\$19,840	Agricultural	12IBC0000022	12/31/12	11/13/12
Gunnison	North Delta Irrigation Company	Tunnel Reconstruction Project	Mar-12	\$40,000	\$690,110	\$730,110	Agricultural	C150498	4/1/13	4/1/13
Gunnison	Delta Conservation District	North Fork of the Gunnison Invasive Weed Removal	May-12	\$20,000	\$0	\$20,000	Other	13IBC0000007	12/31/13	12/31/13
Gunnison	Colorado Open Lands	Lake San Cristobal Inlet Preservation and Fishing Access Project - Easement	Mar-13	\$16,700	\$150,300	\$167,000	Nonconsumptive	C150526	12/31/13	11/22/13
Gunnison	Grand Mesa Water Users Association	Replacement of Measuring Devices on Grand Mesa	Jul-13	\$40,000	\$0	\$40,000	Other	14IBC0000015	12/31/13	10/29/13
Gunnison Basin Total Request				\$775,755	\$1,572,070	\$2,347,825				
Number of Projects				21						
Metro	The Greenway Foundation	Chatfield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	Mar-07	\$103,000	\$0	\$103,000	Municipal & Industrial			
Metro	East Cherry Creek Valley Water and Sanitation District	Zero Liquid Discharge Pilot Study	Sep-07	\$200,000	\$200,000	\$400,000	Municipal & Industrial	C150412		1/8/09
Metro	Parker Water and Sanitation District	Parker Water & San. & CO. State Univ Joint Project on the Rural/Urban Farm Model	Sep-07	\$150,000	\$0	\$150,000	Municipal & Industrial	C150413	12/31/09	10/2/09
Metro	South Metro Water Supply Authority	South Metro Water Supply Authority - Regional Aquifer Supply Assessment	Jul-08	\$100,540	\$0	\$100,540	Municipal & Industrial	C150430	12/31/09	12/31/10
Metro	The Greenway Foundation	South Platte River Recreation and Habitat Feasibility Study	Sep-08	\$150,000	\$0	\$150,000	Nonconsumptive	C150442	6/30/10	6/30/10
Metro	Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$100,000	\$500,000	\$600,000	Municipal & Industrial	C150470	6/30/13	6/30/13
Metro	Douglas County Water Resource Authority	Rotary Sprinkler Nozzle Retrofit	Sep-10	\$0	\$250,000	\$250,000	Municipal & Industrial	C150471	12/31/13	11/25/13
Metro	Colorado Foundation for Water Education	Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	Jan-11	\$14,820	\$0	\$14,820	Education	11000000083	6/30/12	4/30/12
Metro Basin Total Request				\$818,360	\$950,000	\$1,768,360				
Number of Projects				8						
North Platte	Silver Spur Land & Cattle	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Agricultural	C150421	12/31/09	
North Platte	Walden, Town of	Town of Walden Water Supply Improvement Project	Jul-08	\$385,000	\$0	\$385,000	Municipal & Industrial	C150431A	9/30/11	9/30/11
North Platte	Colorado State University	Identification and assessment of important wetlands in N.P. River watershed	Sep-08	\$86,000	\$96,000	\$182,000	Nonconsumptive	C150433	6/30/10	6/30/10
North Platte	Walden Reservoir Company	Structure for Water Control	Jan-11	\$36,000	\$0	\$36,000	Agricultural	11000000087	11/30/11	11/7/11
North Platte	Colorado Foundation for Water Education	Solicitation of stakeholder input through production of a North Platte Basin education package	Jan-11	\$14,040	\$0	\$14,040	Education	11000000084	6/30/12	6/25/12



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account	Statewide Amount	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion	Sep-11	\$128,828	\$0	\$128,828	Agricultural	C150488	12/31/13	12/10/12
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion - Additional Funds Request	May-12	\$55,055	\$0	\$55,055		C150488	12/31/13	12/10/12
North Platte	Loban, Hackleman and Olsen LLC	Seneca Ditch - Structure for Water Control	Jul-12	\$57,539	\$0	\$57,539		13BC000011	4/22/13	
North Platte Basin Total Request				\$878,462	\$96,000	\$974,462				
Number of Projects		8								
Rio Grande	El Paso County Water Authority	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Nonconsumptive	7000000076		6/30/08
Rio Grande	San Luis Valley Irrigation District	Preliminary Design Multi-Use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07	\$0	\$288,000	\$288,000	Agricultural	C150402	6/30/10	6/30/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Agricultural	8000000006		
Rio Grande	San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sep-07	\$0	\$104,000	\$104,000	Other	C150419		
Rio Grande	Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sep-07	\$83,700	\$0	\$83,700	Agricultural	8000000060		9/17/08
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08	\$200,000	\$1,300,000	\$1,500,000	Nonconsumptive	C150420		
Rio Grande	Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08	\$72,000	\$141,700	\$213,700	Agricultural	C150443	6/30/12	6/30/12
Rio Grande	Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08	\$35,000	\$250,000	\$285,000	Nonconsumptive	C150452	12/31/12	12/31/12
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08	\$50,000	\$200,000	\$250,000	Agricultural	C150448	6/30/11	2/3/11
Rio Grande	Manassa Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08	\$50,000	\$333,700	\$383,700	Agricultural	C150446	6/30/10	6/30/10
Rio Grande	San Luis Valley Irrigation District	Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	Nov-08	\$100,000	\$0	\$100,000	Agricultural	C150437A	12/31/11	12/21/11
Rio Grande	El Codo Ditch Company	San Antonio River - El Codo Ditch Diversion and Rehabilitation	May-09	\$85,000	\$0	\$85,000	Agricultural	1000000001	12/31/09	12/8/09
Rio Grande	Trinchera Irrigation Company	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09	\$50,000	\$200,000	\$250,000	Agricultural	C150458	7/31/11	10/22/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Conservation Reserve CREP Phase II	Sep-09	\$31,500	\$0	\$31,500	Agricultural	1000000056	12/31/12	11/20/12
Rio Grande	Trinchera Irrigation Company	Shortfall Request - Sangre de Cristo Trinchera Diversion Canal Restoration	Jan-10	\$54,000	\$0	\$54,000	Agricultural	C150458	7/31/11	7/31/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Education	11000000059	6/30/12	10/17/11
Rio Grande	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10	\$40,000	\$0	\$40,000	Agricultural	11000000053	6/30/11	9/7/11
Rio Grande	Manassa Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11	\$75,000	\$0	\$75,000	Agricultural	11000000109	6/30/12	6/25/12
Rio Grande	Colorado Rio Grande Restoration Foundation	The McDonald Ditch and Plaza Project, Phase I Planning	Jan-11	\$40,000	\$0	\$40,000	Agricultural	11000000102	12/31/11	12/22/11
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11	\$15,000	\$55,000	\$70,000	Nonconsumptive	C150489	12/30/11	12/30/11
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Crest of Dam Repair	Sep-11	\$15,000	\$135,000	\$150,000	Agricultural	C150495	12/31/12	10/20/12
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	Sep-11	\$10,000	\$85,000	\$95,000	Agricultural	12BC000013	7/31/12	6/13/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Water 2012: The Rio Grande Basin Partnering for Colorado's Water Future	Nov-11	\$15,600	\$0	\$15,600	Education	12BC000017	12/31/12	12/19/12
Rio Grande	Rio Grande, County of	Rio Grande County Hydrogeologic Study	Jul-12	\$99,564	\$0	\$99,564	Other	13BC000008	12/31/13	12/31/12
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: Haywood Ranch Conservation Easement	Sep-12	\$25,000	\$400,000	\$425,000	Agricultural	C150514	12/31/13	12/19/13



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Rio Grande	Colorado Foundation for Water Education	Solicitation of Stateholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine	Jan-13	\$0	\$0	\$0	Education	13IBC000016		
Rio Grande	Colorado Potato Administrative Committee (Area II)	Drip Irrigation Field Trial for Sustainable Potato Cropping in the San Luis Valley	May-13	\$40,000	\$0	\$40,000	Agricultural	13IBC000026	12/31/13	11/4/13
Rio Grande Basin Total Request				\$1,292,614	\$3,492,400	\$4,785,014				
Number of Projects 27										
South Platte	The Greenway Foundation	Chatfield Reallocation EIS/FR (Metro BRT contributing \$103,000)	Mar-07	\$27,000	\$0	\$27,000	Municipal & Industrial			
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07	\$52,000	\$0	\$52,000	Municipal & Industrial	C8000000037		
South Platte	District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sep-07	\$176,000	\$0	\$176,000	Agricultural	C150417	12/31/11	4/13/12
South Platte	Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sep-07	\$0	\$278,476	\$278,476	Nonconsumptive	C150415	7/31/09	7/31/09
South Platte	Northern Colorado Water Conservancy District	Sludge Discharge Data Loggers and Telemetry	Jan-08	\$48,800	\$0	\$48,800	Agricultural	80000000120	6/30/11	6/28/11
South Platte	Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	\$41,210	\$0	\$41,210	Nonconsumptive	9000000063	12/31/13	
South Platte	Greeley, City of	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	\$25,435	\$76,305	\$101,740	Municipal & Industrial	C150436	6/30/10	6/30/10
South Platte	Ducks Unlimited, Inc.	Central South Platte Wetland Partnership	Mar-09	\$150,000	\$0	\$150,000	Nonconsumptive	C150454	6/30/12	6/30/12
South Platte	Fort Morgan Reservoir and Irrigation Company (FMR/Co)	FMR/Co Recharge & Wetlands Project	Sep-09	\$250,000	\$420,000	\$670,000	Agricultural	C150464	6/30/12	6/27/12
South Platte	Colorado State University	Colorado Agricultural Meteorological Network (CoAgMet)	Jul-10	\$20,000	\$0	\$20,000	Agricultural	11000000079	6/30/12	6/30/12
South Platte	Ducks Unlimited, Inc.	Development of Decision Support Model for Identifying & Ranking Waterflow and Wildlife Related Recharge Projects along the South Platte River	Sep-10	\$0	\$85,421	\$85,421	Nonconsumptive	12IBC00023	9/30/13	9/30/13
South Platte	Colorado Division of Water Resources	Data Logger Installation Project, South Platte River Basin	Mar-13	\$88,958	\$0	\$88,958	Other	C150519	6/30/13	6/30/13
South Platte Basin Total Request				\$879,403	\$860,202	\$1,739,605				
Number of Projects 12										
South Platte/Metro	Clear Creek County	Upper Mountain Counties Water Needs Assessment	May-08	\$174,350	\$0	\$174,350	Needs Assessment	C150429A	6/30/11	12/31/10
South Platte/Metro	Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$48,057	\$0	\$48,057	Education	90000000019		
South Platte/Metro	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	\$160,000	\$0	\$160,000	Municipal & Industrial	C150447	6/30/11	9/27/11
South Platte/Metro	The Greenway Foundation	South Platte River Recreation and Habitat Improvement Preliminary Design	Sep-11	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150493	6/28/13	12/31/12
South Platte/Metro Basin Total Request				\$432,407	\$200,000	\$632,407				
Number of Projects 4										
Southwest	San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition		\$0	\$1,000,000	\$1,000,000	Municipal & Industrial	C150408		
Southwest	Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07	\$7,700	\$0	\$7,700	Municipal & Industrial	80000000075	7/31/09	
Southwest	Marcos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	Jul-07	\$80,000	\$0	\$80,000	Municipal & Industrial	80000000076	6/30/09	6/30/09
Southwest	Goodman Point Water Association	Goodman Point Phase 2	Sep-07	\$20,000	\$120,000	\$140,000	Municipal & Industrial	C150462	6/30/12	3/16/11
Southwest	Bauer Lake Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08	\$40,000	\$0	\$40,000	Agricultural	10000000084	12/31/11	12/28/11
Southwest	La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08	\$100,000	\$1,000,000	\$1,100,000	Municipal & Industrial	C150422	6/30/09	6/30/09
Southwest	Sawpit, Town of	Town of Sawpit Engineering/Planning for Domestic Water System; Southwest Basin	Mar-08	\$25,000	\$0	\$25,000	Municipal & Industrial	90000000006	6/30/09	6/7/10
Southwest	Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	\$39,300	\$0	\$39,300	Agricultural	90000000085	8/31/10	8/31/10
Southwest	Happy Scenes Water System #1	Water System Well, Treatment System and Distribution Upgrades	Nov-08	\$50,000	\$0	\$50,000	Municipal & Industrial	90000000127	6/30/10	11/17/09
Southwest	La Plata Archuleta Water District	Water System Master Planning	Nov-08	\$100,000	\$0	\$100,000	Municipal & Industrial	90000000112	12/31/09	12/22/09



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Southwest	Silverton, Town of	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	\$95,000	\$0	\$95,000	Municipal & Industrial	9000000143	12/31/11	11/18/11
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	\$100,000	\$0	\$100,000	Nonconsumptive	C150450	6/30/11	6/30/10
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Ditch Loss, Hydropower, and Monitoring Improvement Program	Mar-09	\$100,000	\$0	\$100,000	Agricultural	9000000115	6/30/11	6/30/11
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam Incremental Damage Analysis (IDA) and Emergency Action Plan (EAP)	May-09	\$29,000	\$0	\$29,000	Agricultural	10000000061	6/30/12	6/29/12
Southwest	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Agricultural	10000000011	6/30/11	12/9/09
Southwest	La Plata Archuleta Water District	La Plata Archuleta Water District Permitting	Sep-09	\$0	\$400,000	\$400,000	Municipal & Industrial	C150459	6/30/13	10/18/12
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Sep-09	\$0	\$150,000	\$150,000	Needs Assessment	C150468	6/30/12	12/17/10
Southwest	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	Needs Assessment	11000000028	9/30/12	4/28/11
Southwest	Mancos Conservation District	Mancos River Diversion Project, Phase I	Nov-09	\$24,753	\$0	\$24,753	Nonconsumptive	10000000111	12/30/10	6/7/11
Southwest	Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Agricultural	10000000125	6/30/12	6/30/12
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Project	Nov-09	\$0	\$225,000	\$225,000	Agricultural	C150463	6/30/11	6/30/11
Southwest	Norwood, Town of	Raw Water System Update and Future Needs Study	Jan-10	\$58,458	\$0	\$58,458	Municipal & Industrial	10000000085	6/30/11	6/30/11
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Agricultural	C150475	6/30/13	6/30/13
Southwest	Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10	\$29,500	\$0	\$29,500	Agricultural	110000000114	12/31/11	12/28/11
Southwest	San Juan Citizens Alliance	A Way Forward: The Dolores River Below McPhee Reservoir	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC0000011	12/31/12	3/16/12
Southwest	Animas La Plata Water Conservancy District	Recreational Plan for Lake Nighthorse	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC000005	12/31/11	10/21/11
Southwest	La Plata River and Cherry Creek Ditch Company	La Plata Cherry Creek Ditch Headgate Improvement Project	Nov-10	\$25,000	\$0	\$25,000	Agricultural	12IBC000014	8/31/12	6/11/12
Southwest	Aspen Springs Metro District	Aspen Springs Metro Water Filling Station	Nov-10	\$30,000	\$0	\$30,000	Municipal & Industrial	13IBC000002	7/31/13	6/30/13
Southwest	Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11	\$0	\$0	\$0	Agricultural	12IBC000003	6/30/12	6/30/12
Southwest	Rico, Town of	Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	Mar-11	\$20,000	\$80,000	\$100,000	Municipal & Industrial	11000000122	6/30/12	3/16/12
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam & Reservoir – Spillway Alternatives Analysis	Sep-12	\$19,400	\$0	\$19,400	Agricultural	13IBC000009	9/30/13	9/27/13
Southwest Basin Total Request				\$1,216,611	\$3,750,000	\$4,966,611				
Number of Projects		31								
Yampa/White	Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	Jul-07	\$49,500	\$0	\$49,500	Municipal & Industrial	8000000058	3/31/08	
Yampa/White	Moffat County	Agricultural Water Needs Assessment	Jan-08	\$0	\$0	\$0	Needs Assessment	C150418	12/31/10	12/31/10
Yampa/White	Steamboat Springs, City of	Common Data Repository	Jan-08	\$106,600	\$0	\$106,600	Other	C150423	6/30/10	12/29/10
Yampa/White	Vermillion Ranch	Sparks Reservoir	Jul-08	\$16,000	\$0	\$16,000	Agricultural	9000000039	12/31/08	
Yampa/White	Moffat County	Sandwash basin coalbed methane production depletive effects on water resources	Sep-08	\$20,000	\$98,835	\$118,835	Municipal & Industrial	C150435	6/30/11	6/8/11
Yampa/White	Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	\$20,000	\$0	\$20,000	Education	10000000050	6/30/10	6/30/10

WSRA COMPLETED PROJECTS

Updated 1/10/2014



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Yampa/White	Community Agriculture Alliance, Inc.	Development and Implementation of Water Forums, Workshop, and/or Tours	Sep-09	\$10,000	\$0	\$10,000	Education	100000000046	6/30/11	12/31/10
Yampa/White	Colorado River Water Conservation District	Yellow Jacket Water Storage Feasibility Study	Jan-10	\$220,800	\$0	\$220,800	Agricultural	C150472	6/30/13	
Yampa/White	The Nature Conservancy of Colorado	Yampa White Basin Nonconsumptive Needs Assessment Watershed Flow Evaluation Tool	Jan-10	\$169,002	\$0	\$169,002	Nonconsumptive	C150466	6/30/12	6/30/12
Yampa/White Basin Total Request				\$611,902	\$98,835	\$710,737				
Number of Projects			9							