

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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MEMORANDUM

TO: Colorado Water Conservation Board

FROM: Jennifer Gimbel
CWCB Staff

DATE: July 20-21, 2010

SUBJECT: Agenda Item 6d, May 2010 CWCB Board Meeting Director's Report

Bill Ritter, Jr.
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

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~FEDERAL AND INTERSTATE~

U.S.-MEXICO NEGOTIATIONS: The seven basin states have been meeting regularly since May to discuss current U.S. negotiations with Mexico regarding water opportunities. On June 17, 2010, the Commissioners of the U.S. and Mexican sections of the International Boundary Waters Commission (IBWC) signed Minute 317 to the U.S. Mexican Water Treaty of 1944, and a copy of this Minute is attached to this report (*Attachment 01*). This Minute establishes an additional framework for negotiations between the U.S. and Mexico, and recognizes the importance of the Colorado River basin states to this process. The Office of the Attorney General and CWCB Staff will brief the Board about the status of these negotiations. (*Ted Kowalski*)

UPPER COLORADO RIVER COMMISSION MEETING: The Upper Colorado River Commission held its Annual Summer meeting on June 8-9, 2010, in Cheyenne, Wyoming. The Commission meeting was initiated by Governor Freudenthal and we appreciated his inspiring and colorful remarks. The Commission received a report on Colorado's Water Availability Report, discussed the U.S.-Mexico Negotiations, honored Dick Bratton for his years of service to the Commission, and welcomed Felicity Hannay as the incoming Federal Commissioner to the Upper Colorado River Commission. (*Ted Kowalski*)

UPPER COLORADO RIVER COMMISSION BECOMING COOPERATING AGENCY ON THE HIGH FLOW PROTOCOL: At the June, 2010 Upper Colorado River Commission meeting, the Commission agreed to become a cooperating agency in response to the Department of Interior's announcement of an Environmental Assessment (EA) of a high flow protocol. The Commission is negotiating a Memorandum of Understanding related to this EA. Ted Kowalski attended a workshop in June regarding the Protocol and as the alternatives become known, we will share the alternatives and their effects with you. I will keep the Board informed about the outcome of this process over the next several months. (*Ted Kowalski*)

COLORADO RIVER BASIN STUDY: The Bureau of Reclamation and the seven basin states continue to work on collecting water supply and water demand information for this study. The next Steering Committee meeting will be on July 26, 2010. Ted Kowalski is forming an advisory committee for the State of Colorado regarding this study. If you or your water organizations would be interested in providing input and helping the State execute this study, please contact him. More information is available on the Bureau of Reclamation website: <http://www.usbr.gov/lc/region/programs/crbstudy.html> (*Ted Kowalski*)

~STATEWIDE~

FLOODDSS: Work continues on the FloodDSS development. Data collection is complete, with 43 counties contributing data. Riverside has made test sites available to CWCB staff for review, including the "power user", Weather Mod, and Watershed Restoration sites. It is currently anticipated that there will be a CWCB Board presentation of the FloodDSS at the September 2010 Board meeting. (*Ray Alvarado*)

SNOTEL SITE INSTALLATIONS AND FY10 GRANTS: The CWCB has a grant program to cost share with the NRCS and local interests for the conversion of NRCS Snowcourse (manual) measurements to SNOTEL sites (automated snowpack information). Since its inception in 2004, the CWCB has partnered with local interests in fourteen new SNOTEL sites that are helpful in water supply and flood forecasts. The newest site slated for installation, following approval by the USFS, is in the Upper Piedra River Basin. The projected installation is for August 2010.

As part of the Severance Tax grant expenditures in FY10, three new SNOTEL site partnerships were developed: 1) The Longmont Conservation District will help convert the Sawtooth Snowcourse in the St. Vrain River Basin, 2) The Upper Gunnison River Water Conservancy District will help convert the Lake Fork Snowcourse in the southern part of Gunnison River Basin, and 3) The Northern Colorado Water Conservancy District will partner in a SNOTEL site in East Inlet or Ranch Creek.

The proposed East Inlet site was submitted to the National Park Service for review since it would be located inside of Rocky Mountain National Park in a wilderness area. The proposal is not likely to be approved, so another suitable site will need to be located. *(Joe Busto)*

BOAT CHUTE SAFETY IN URBAN AREAS: CWCB Staff member Joe Busto and Ben Nielsen of McLaughlin Water Engineers co-authored a paper for the May 2010 “Whitewater Courses and Parks” conference held in Salida. The paper is about designing and retrofitting boat chutes for general public safety in addition to boating community safety. The CWCB, Urban Drainage & Flood Control District and McLaughlin Water Engineers are in the process of designing and implementing safety improvements along the South Platte River at the Union Avenue Boat Chutes. The team is seeking City of Englewood and U.S. Army Corps of Engineers approval and an agreement to implement the public safety improvements. The paper is posted on the CWCB website at:

<http://cwcb.state.co.us/WatershedProtectionFloodMitigation/ProgramsProjects/ChatfieldDownstreamChannelImprovementProject/> *(Joe Busto)*

GROUND WATER COMMISSION MEETING: The next meeting is scheduled for August 20, 2010, in Castle Rock, Colorado. For more information visit: <http://water.state.co.us/cgwc/> *(Ted Kowalski)*

STATE DROUGHT PLAN: The draft of the State Drought Mitigation and Response Plan will be up for public review the week of July 19th. The public review period will last 4 weeks. All are welcome to comment. The final plan and all of its related sections will be presented to the board for final approval at the September board meeting. The remaining timeline for the project is outlined below...

- July 19th- Draft Plan posted for public comments
- Aug 13th- Public comment period closes
- Sept 1st- Email CWCB board members final plan (to review it prior to the September Board meeting)
- Sept 14/15- CWCB board meeting – plan approval
- Sept 17th - Final CWCB approved plan sent to Division of Emergency Management

(Taryn Hutchins-Cabibi)

WATER CONSERVATION PLANS APPROVED: The Office of Water Conservation & Drought Planning (OWCDP) has *approved* additional Water Conservation Plans from water providers. They include:

- Pinery Water and Wastewater District

The OWCDP has determined this plan to be in accordance with §37-60-126 C.R.S. and the CWCB’s Guidelines for the Office to Review Water Conservation Plans Submitted by Covered Entities. Pinery Water and Wastewater District may proceed with implementation of their Plan.

The OWCDP has received, is evaluating and working with providers on the following Water Conservation Plans:

- Consolidated Mutual Water Company
- City of Lamar

- Castle Pines Metropolitan District
- St. Charles Mesa Water District
- City of Louisville
- Town of La Junta
- City of Broomfield
- City of Cortez

(Ben Wade)

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE:

- **FY11 Activities:** CWCB is preparing a Mapping Activity Statement to request FEMA funds to scope counties for next year. The tentative counties to be scoped are: Hinsdale, Alamosa and Custer Counties.
- **FY10 Activities:** In addition to Chaffee and Logan Counties which were previously scoped for DFIRM activities, Las Animas and Pitkin County were recently visited by CWCB and FEMA to discuss floodplain mapping needs. CWCB is in the process of contracting with FEMA to begin activities in Chaffee, Logan and Pitkin counties. Las Animas County will be delayed due to budget constraints.
- **FY09 Activities:** The South Platte approximate floodplain delineation has been completed and is in review at FEMA. Morgan County Floodplain mapping task and DFIRM database tasks are on schedule.

Prowers County DFIRM has now been in progress for a year. There are three levees to analyze in the county. Field survey and topographic data for Prowers County has been completed. Hydraulic analysis has begun for all communities in the County.

- **FY08 Activities:** Work continues for Gunnison, Montrose, Elbert, and Rio Grande Counties. The floodplain mapping has been completed for Gunnison County. Montrose County draft preliminary maps have been submitted for review. Rio Grande County and Elbert Counties have entered the preliminary phase. Final meetings were conducted for both counties and were very successful. Additional FEMA funding in the amount of \$247,150 was provided to address identified levee issues along the Arkansas River and Fountain Creek in Pueblo County. FEMA has completed their review of the hydrology for Fountain Creek. The results have been distributed and some discussions are taking place between FEMA and stakeholders in regards to the flow differences between the FEMA study and previous studies that were submitted. The hydraulic analysis and floodplain mapping will continue to progress now that all discussions have taken place.
- **FY07 Activities:** La Plata and Summit Counties are nearing the end of the Preliminary phase. Summit County has encountered an issue with the current delineation of Zone D areas. These are areas that have undetermined flood hazards or no flood hazard analyses have been conducted in these areas. It will not affect any property owners or existing flood hazard areas but the effective maps will be delayed by approximately 3 months due to the re-delineation of Zone D areas. Park County has gone effective in December 2009. La Plata County is expected to have their maps effective in August 2010. Delta County is nearing the end of the preliminary phase and the maps should be effective in July 2010. Teller County and Archuleta County have gone effective since September 2009.
- **FY 06 Activities:** Weld County detailed study work continues to progress. Weld County has identified levees in the Town of Evans and Severance. Due to these levees, additional work was needed. The projected preliminary date for Weld County has been pushed back to the end of

summer 2010. Fremont County preliminary maps were distributed in late March. The final meeting was held in late June and a public meeting is scheduled for early August 2010. Clear Creek County draft preliminary maps were submitted for review in March 2010. The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing. The hydrology and the methodology used have been reviewed and approved by FEMA.

- **FY 05 Activities:** Mesa County DFIRM is expected to go effective in June 2010. The Garfield County DFIRM is almost complete. The USGS study that has delayed the project was recently completed and approved. The schedule for Garfield County DFIRM has been revised now and work has continued. It is hopeful that the preliminary maps for Garfield will be ready at the end of summer of 2010. The Montezuma County DFIRM went effective September 28th 2008.
- **FY 04/03 Activities:** All of the Boulder County levees have been identified. The South Boulder Creek Study has been completed and approved. Incorporation of this study into the DFIRM is now complete. FEMA has provided Provisionally Accredited Levees (PAL) agreements for two levees in the County. The Boulder County preliminary maps were sent in March 2010. A final meeting is scheduled for July 7, 2010 and a public meeting will be held after all comments have been addressed on the maps. (Thuy Patton)

WATER CONSERVATION TECHNICAL ADVISORY GROUP (WCTAG): The OWCDP has convened a technical advisory group to:

- Advance the science of water conservation in Colorado;
- Create a forum in which to vet the water conservation related work and projects that the CWCB is undertaking; and
- Develop partnerships between water providers and the CWCB in order to determine future directions in water conservation projects and research.

The group consists of water conservation and water resource experts from municipal water providers, water conservancy districts, environmental groups, academia and private consulting. The group has met monthly since March to review and work on water conservation related issues and research. Most recently they have reviewed the Water Conservation Level Analysis report and have been engaged in the SWSI Conservation section update. (*Veva Deheza*)

WATER CONSERVATION LEVEL ANALYSIS: The Office of Water Conservation & Drought Planning (OWCDP) has finalized the Water Conservation Levels Analysis report. The purpose of the report was to examine the assumptions that went into the original levels framework, evaluate the conservation savings associated with the levels, assess where water providers are at currently in their conservation efforts and develop sound passive water conservation savings estimates for the future. A first draft of this work was completed in late March and reviewed internally by CWCB staff. A second round of revisions was reviewed by the WCTAG in mid May-early June with comments submitted and addressed. A tech transfer meeting between CWCB staff and CDM occurred in May to incorporate the passive savings into the Demands to 2050 report. (*Kevin Reidy*)

SWSI UPDATE - WATER CONSERVATION STRATEGY: The OWCDP is currently working with Aquacraft Engineering and Headwaters Corporation to update the conservation section of the SWSI Update. The Water Conservation Level Analysis and Best Practices Guidebook will inform the update in terms of incorporating passive savings and best practices to ground future conservation scenarios. The final update will be done by early September 2010 with a draft version available in August 2010. (*Kevin Reidy*)

COLORADO WATERWISE BEST PRACTICES GUIDEBOOK: The Best Practices (BP) Guidebook is a water efficiency grant project to develop a set of water conservation best practices specific to Colorado. The guidebook will assist water providers with the selection and implementation of effective water conservation programs and measures. The BP guidebook will inform the update to SWSI by supplying the necessary best practices to develop various conservation strategies. At present time, the BP guidebook has been through two rounds of comments and is being finalized with a final draft date of end of July. (*Kevin Reidy*)

~ARKANSAS RIVER BASIN~

ARKANSAS RIVER DECISION SUPPORT SYSTEM (ArkDSS): Status report is part of the July 2010 CWCB Board agenda. The ArkDSS Feasibility Study is on schedule and well into the first part of the project, which began in February 2010 and will be completed in January 2011. (*Ray Alvarado*)

~COLORADO RIVER BASIN~

COLORADO RIVER WATER AVAILABILITY STUDY (CRWAS): CRWAS team has completed Phase 1 of the study and the Draft Final Report is on the CWCB website for download and review. The public comment period began March 22, 2010, and will have a 120 day period, ending July 21, 2010. Based on the public comments received and the extent of those comments, the completion date for the final Phase 1 report is tentatively scheduled for mid-September. Initial Phase 2 scoping internal discussions have been initiated and will be more focused once Phase 1 comments have been reviewed. (*Ray Alvarado*)

COORDINATED RESERVOIR OPERATIONS (CROS): Several Upper Colorado River reservoirs coordinated their operations this spring to bypass inflows during peak runoff. The coordination created a higher peak flow in the Grand Valley for the benefit of the endangered fish. Flows in the Grand Valley were forecasted to be well below flood stage but within the criteria for Coordinated Reservoir Operations (CROS).

The CROS program was established in 1995 as part of the Upper Colorado River Endangered Fish Recovery Program. Its purpose is to enhance spring peak flows in a section of the Colorado River upstream of Grand Junction, Colo., determined critical to the survival of four endangered fish species: the humpback chub, razorback sucker, bonytail chub and the Colorado pike minnow. In years with sufficient snowpack, surplus inflows to the reservoirs can be passed on downstream to benefit these fish. CROS is a voluntary program that is intended to enhance spring peaks without impacting reservoir yield or increasing flood risk.

Green Mountain Reservoir, operated by the U.S. Bureau of Reclamation (USBR), and Wolford Mountain Reservoir, operated by the Colorado River Water Conservation District (CRWCD), both altered their spring storage and release patterns to ensure they were bypassing part or all of their inflows during the predicted peak flow for Cameo. Williams Fork Reservoir, operated by Denver Water, also bypassed inflows during the peak period.

Warmer than expected temperatures coupled with rain along some tributaries accelerated the snowmelt and produced significantly higher flows than expected. Flows at Cameo exceeded bankfull for several days, and Wolford Mountain decreased its outflows to help ensure the peak flow at Cameo remained below flood stage. An instantaneous peak of roughly 24,000 cfs occurred at Cameo on the night of June 8 and morning of June 9, 2010, with daily flows on both days around 23,200 cfs. The river stayed several inches below flood stage. Minor damage to Palisade's frisbee golf course and park along the river occurs before the river reaches flood stage, but no major damage was reported.

U.S. Fish and Wildlife (USFWS) biologists were pleased with the bankfull flows and reported that the high flows had successfully created backwater habitat for the fish, which they believe is important to accomplish once every few years. (*Michelle Garrison*)

GLEN CANYON DAM ADAPTIVE MANAGEMENT WORKGROUP: In my May Report, I reported that the AMWG had formed two ad hoc committees, one to rewrite the charter for this group and another to develop Desired Future Conditions. Both groups have made some progress, and the AMWG will receive updates from these ad hoc groups at the August 24-25, 2010 AMWG meeting in Phoenix, Arizona. The AMWG will also consider the budget as developed and approved by the Technical Work Group (TWG) meeting that was held in Phoenix, Arizona on June 29-30, 2010 (*Ted Kowalski*)

UPPER COLORADO RIVER WILD AND SCENIC RIVERS STAKEHOLDER

PROCESS: This Stakeholder Group has made some recent breakthroughs. The current schedule of the BLM has been delayed and a Draft EIS is expected to be published in January 2011. The Stakeholder Group has met extensively in June and July, and the Staff will provide an update to the Board about this process at the upcoming Board meeting. (*Ted Kowalski*)

HISTORIC USER POOL (HUP) OPERATIONS: A kickoff meeting was held June 23, 2010, to discuss summer reservoir operations to augment late summer low flows in the Grand Valley for the benefit of the endangered fish. The rapid runoff this spring filled pools dedicated for summer flows for the fish in Williams Fork, Wolford Mountain and Ruedi reservoirs. In addition, if there is surplus water available from Green Mountain's Historic User Pool (HUP), it may be used to augment summer flows. However, the low snowpack and its rapid runoff may also create low flow conditions early this season, heightening the need to use that water. As flows decrease in the Grand Valley, weekly meetings will be held to determine the target flow and the reservoir releases that will be made. Due to construction work, Williams Fork may be limited in its ability to release water from its fish pool at the desired times. Exchanges may be used to provide the water at the requested time. (*Michelle Garrison*)

~GUNNISON RIVER BASIN~

BLACK CANYON OF THE GUNNISON WATER RIGHT: For the second year, the U.S. Bureau of Reclamation (USBR) has operated the Aspinall Unit to meet the federal water right for the Black Canyon of the Gunnison National Park. A 1-day peak flow target is determined according to the May 1 volumetric forecast for Blue Mesa Reservoir April – July inflow. This year a target of 3,883 cfs was calculated based on a forecasted inflow of 560,000 acre-feet.

The Aspinall Unit began ramping up releases May 11 with an anticipated peak on May 18th. Daily flows in the Black Canyon increased from 615 cfs in early May to 4,190 cfs on May 18th and then gradually decreased to 650 cfs by May 27th. Power plant outlet works, bypass outlet works, and spillways were used to release up to 5,100 cfs from the Aspinall Unit in this effort. The actual 1-day peak flow exceeded the target and is a significant accomplishment, as dry and windy conditions have decreased the expected April – July Blue Mesa inflow to 500,000 – 520,000 acre-feet.

~PLATTE RIVER BASIN~

SOUTH PLATTE DECISION SUPPORT SYSTEM (SPDSS): The alluvial groundwater modeling is still moving forward into the calibration phase of that effort, with a final calibrated alluvial groundwater model being done in late 2010. The calibration of the model has unique challenges because of the scope and breadth of the basin and hydrogeology, however these challenges are being addressed as they come forward with the final product being a calibrated basin wide alluvial groundwater model for the South Platte. (*Ray Alvarado*)

PLATTE RIVER RECOVERY PROGRAM: The Platte River Recovery Implementation Program (“Program”) Governance Committee held its last meeting in Cheyenne, Wyoming on June 8-9, 2010. The next meeting will be held in Kearney, Nebraska on September 14-15, 2010. At the June meeting, the Governance Committee agreed to peer review the recent Program sponsored report regarding the effects of programmatic actions on the pallid sturgeon. In addition, the Program unveiled its new website. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (Ted Kowalski)

~SOUTHWEST RIVER BASINS~

SAN JUAN RIVER RECOVERY PROGRAM ANNUAL MEETING: The San Juan River Recovery Implementation Program held its annual meeting on May 12, 2010, in Durango, Colorado. The Biology Committee meeting was held on May 11, 2010, and the Coordination Committee meeting was held on May 13, 2010. For more information, please see the Program’s link: <http://www.fws.gov/southwest/sjrip/>. (Ted Kowalski)

RIVER PROTECTION WORKGROUP: The River Protection Workgroup (“RPW”), has continued to conduct work on the San Juan River basin, and has begun work on the Vallecito Creek/Pine River basin. The San Juan River basin group will hold a field trip on July 22, 2010, and will hold a workshop on August 26, 2010. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection/>. (Ted Kowalski)

SOUTHWESTERN COLORADO RADAR PROJECT UPDATE: The CWCB Flood Response Fund, Colorado Division of Emergency Management and Southwestern Water Conservation District funded a \$66,100 scope of work for the NOAA National Severe Storms Lab to conduct a four week scientific radar data collection and analysis project, in the four corners area, during August. There is great local assistance from County Emergency Managers.

A permit to establish the NOAA mobile dual polarization radar equipment, on Southern Ute Indian Tribal lands, has been approved. The location is roughly sixteen miles southeast of Durango on Bridge Timber Mountain.

A permit to install seventeen research rain gauges in the San Juan Mountains has also been approved. Data from the tipping bucket rain gauges will calibrate the observed radar data to observed rainfall rates. The NOAA-NSSL goals are to document the precipitation characteristics and frequency of hazardous storms, provide an advanced assessment of dual-polarization capabilities in complex terrain, assess benefits of additional radar data for flash flood warnings, and build a scientific framework and business case for improved precipitation monitoring in southwestern Colorado.

The CWCB staff goals are to build support for gap filling radars in critical mountainous watersheds. Data from the NWS Grand Junction and NWS Albuquerque radars will be merged with the NOAA mobile radar to create a processed and blended product for forecasts and analysis. This is an unprecedented continuous field of radar coverage on the western slope that will be used for precipitation forecasts during this short study period. (Joe Busto)

~YAMPA/WHITE RIVER BASINS~

YAMPA RIVER RECONNAISSANCE FIELD TRIP: In early June, Staff from CWCB and the Division of Wildlife participated in a field reconnaissance float trip on the Yampa River through Dinosaur National Monument. The National Park Service hosted the trip with the intent of informing and initiating a dialogue with the State regarding a number of water issues, including its desire to preserve the natural environment of the Yampa River through the state’s

ISF Program. A NPS riparian expert discussed tamarisk mitigation activities and the Yampa's riparian community and a NPS hydrologist discussed the history of the Monument's water rights cases, the area's hydrology, and the natural environment. In addition, personnel from the USGS attended to provide staff with additional scientific information on the area's water resources. CWCB and CDOW staff informed NPS staff about how the ISF Program works, and discussed compact and water development issues related to the Yampa River. CWCB staff also discussed potential collaboration with the NPS and other stakeholders to address the many challenges that the Yampa River may face in the future. (*Jeff Baessler*)

~AGENCY UPDATES~

WRIGHT FAMILY THANK YOU NOTE: The family of Raymond Wright sent a note thanking the CWCB Board and Staff, for the Resolution that was passed at the May 2010 Board meeting, honoring Ray for his years of service (*Attachment 02*).

RECENTLY DECREED INSTREAM FLOW WATER RIGHTS: On May 3, 2010, the Division 4 Water Court decreed an instream flow water right to the CWCB on Clear Fork East Muddy Creek in Case No. 09CW077 for 13.0 cfs (April 1 – August 15) and 5.0 cfs (August 16 – March 31), with an appropriation date of January 27, 2009. The upstream terminus is the headwaters and the lower terminus is the U. S. Forest Service boundary. This ISF Reach is approximately 8.7 miles long and flows through part of Gunnison County.

On May 3, 2010, the Division 4 Water Court decreed an instream flow water right to the CWCB on East Elk Creek in Case No. 09CW079 for 0.70 cfs (April 1 – October 31), with an appropriation date of January 27, 2009. This right is an increase to an existing ISF flow right decreed in case 4-84CW378 for 1.5 cfs (January 1 – December 31) with an appropriation date of May 4, 1984. The upstream terminus is the confluence with Bear Wallow Gulch and the lower terminus is the confluence with Blue Mesa Reservoir. This ISF Reach is approximately 4.5 miles long and flows through part of Gunnison County.

On May 3, 2010, the Division 4 Water Court decreed an instream flow water right to the CWCB on Grizzly Gulch in Case No. 09CW080 for 2.9 cfs (April 15 – September 15) and 0.6 cfs (September 16 – April 14), with an appropriation date of January 27, 2009. The upstream terminus is the outlet of Grizzly Lake and the lower terminus is the confluence with the Lake Fork Gunnison River. This ISF Reach is approximately 2.1 miles long and flows through part of Hinsdale County. (*Rob Viehl*)

TABEGUACHE CREEK CONTESTED INSTREAM FLOW APPROPRIATION: On June 25, 2010, staff met with the Templeton family, who contested this ISF appropriation, in an attempt to resolve concerns regarding the Tabeguache Creek ISF appropriation, which is scheduled for hearing at the Board's September 2010 meeting. The family's major concern revolves around the potential future use of the senior Templeton Ditch water right. At the meeting, the Templetons discussed their desire to utilize an existing well and to resume irrigation downstream at a historic orchard located on their property. After reviewing the Templeton decree, staff discovered that irrigation of this area was contemplated in the original decree. The Templeton family has tentatively agreed that if the CWCB includes language recognizing the seniority of the Templeton Ditch water right in its Tabeguache Creek instream flow decree, they will have no further issues with the proposed appropriation. Staff has asked the Attorney General to file a motion with the Hearing Officer to suspend the prehearing deadlines to allow time to develop and finalize a stipulation with the Templeton Family. Staff anticipates bringing the stipulation to the Board for approval at its September 2010 meeting. (*Jeff Baessler*)

WATER SUPPLY RESERVE ACCOUNT BALANCE SUMMARY AND PROJECT

STATUS LISTS: To provide an update on the current balances and project status of the Water Supply Reserve Account program, the following tables are attached. (*Greg Johnson*)

- Water Supply Reserve Account Balance Summary, April 5, 2010 (*Attachment 04A*)
- List of completed WSRA projects (*Attachment 04B*)
- List of WSRA projects in progress (*Attachment 04C*)
- List of WSRA Projects in the contracting and procurement process (*Attachment 04D*)

DESIGN AND CONSTRUCTION STATUS REPORT: The CWCB Finance Section completed 10 projects in FY 09-10. Currently for FY 10-11 we have 30 projects under construction and 18 projects in the design phase, involving over \$235,000,000 in loan funds.

The attached spreadsheet (*Attachment 05*) summarizes project status, including budget, construction schedule, and progress to-date. During the final reporting period for FY 09-10, three projects were completed. (*Tim Feehan*)

WATER PROJECT CONSTRUCTION LOAN PROGRAM - LOAN REPAYMENT

DELINQUENCY REPORT 2010: Loan repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2009 through June 2010. 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 Fiscal Year 2010 totaled 268. There were ten loan payments not received on time during this period. Two loan payments from the Excelsior Irrigating Company, the loan payments from the City of Grand Junction (subsequently paid in full), and John Peroulis and Sons Partnership were less than 30 days late. Two loan payments from Kern Reservoir and Ditch Company were less than 60 days late. The loan payment from Shultz Farm, Inc. was over 60 days late due to a natural disaster. The loan payment from Rodney Preisser is over 90 days late and has not been received. The loan payments due in June 2010 for the Coon Creek Reservoir and Ditch Company and the Town of Starkville have not been received to date. Thus, the on-time performance for the total repayments due was 96% in compliance or 4% not in compliance.

As additional notes: (1) Rodney Preisser has not met his obligations since Fiscal Year 2007 and has filed Chapter 11 Bankruptcy; (2) the Town of Starkville has not met its obligations since Fiscal Year 2006; and (3) the Pinon Mesa Ranches Community Association's loan is in default and has been referred to the State's Central Collections Services for disposition of the remaining balance. (*Steve Biondo*)

WATER PROJECT CONSTRUCTION LOAN PROGRAM - LOANS PAID OFF: During Fiscal Year 2010, there were five loans repaid in full to the Construction Fund and one loan repaid in full to the Severance Tax Trust Fund Perpetual Base Account, detailed as follows: (*Steve Biondo*)

Borrower	Contract No.	Original Loan Amount
Bauer Lakes Water Company	C153564	\$ 80,851
Chatfield South Water District	C153837	\$ 412,864
City of Grand Junction	C153567	\$ 195,530
Victor and Margie Quint	C150147	\$ 86,355
Town of Rangely	C153388	\$ 150,000
3T Cattle Company	C150175	\$ 231,795

WATER PROJECT CONSTRUCTION LOAN PROGRAM - LOAN FINANCIAL

ACTIVITY: Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2010 is detailed on the attached spreadsheet (*Attachment 6*). Funds received relative to loans in repayment totaled \$21.7 M for this period. Funds disbursed relative to new project loans totaled \$36.6 M for this period. Net activity resulted in \$14.9 M disbursed from the CWCB Construction Fund and the Severance Tax Trust Fund Perpetual Base Account (STTFPBA) over the total received.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$13.2 M in receivables and \$29.9 M in disbursements for a total net activity of \$16.7 M disbursed over received. The STTFPBA consists of \$8.5 M in receivables and \$6.7 M in disbursements for a total net activity of \$1.8 M received over disbursed. (*Steve Biondo*)

IRRIGATED LANDS REFRESH: Field data collection for 2010 is currently being collected as a joint effort by the CWCB and DWR staff. Water Commissioners and other staff are collecting crop information during the growing season which will provide the data necessary to complete the satellite imagery analysis to be performed when the satellite images become available later in the year. (*Ray Alvarado*)

CWCB WEATHER MODIFICATION PROGRAM UPDATE: Staff will provide an informational presentation or director's report attachment for the September CWCB board meeting. Staff is anticipating four annual reports from the cloud seeding contractors and will summarize activities and expenditures for winter 2009-10 operations. Staff will provide an overview of recent applications and public hearings to renew wintertime cloud seeding permits in the Eastern and Western San Juan Mountains. Staff will also update the Board on anticipated activities and expenditures for winter 2010-11. Brian Tobias of the Department of Regulatory Agencies will be invited to the September Board meeting to discuss his findings from the research phase of the sunset review process as a prelude to the DORA report which is due to the legislature in October 2010. (*Joe Busto*)

CLIMATE CHANGE TECHNICAL ADVISORY GROUP (CCTAG): The Climate Change Technical Advisory Group (CCTAG) of the CWCB met on May 6 and June 30 to discuss the results and hear a presentation of the Colorado River Water Availability Study Phase I and how data from the Colorado River Water Availability Study was used in the drought plan and in the IBCC planning ranges discussions. Formal comments from advisory group members will be submitted during the public comment period, but experts provided very useful feedback to the study team and CWCB during the meetings. (*Veva Deheza*)

GOVERNOR'S WATER AVAILABILITY TASK FORCE (WATF): The next WATF meeting is scheduled for July 19, 2010, at the Colorado Division of Wildlife Headquarters. Please check the website (<http://cwcb.state.co.us/Conservation/DroughtPlanning/WaterAvailabilityTaskForce/>) for additional information. (*Veva Deheza*)

CWCB WATER EFFICIENCY GRANT FUND PROGRAM UPDATE: The OWCDP has awarded one additional grant through the Water Efficiency Grant Fund to the following water provider:

- Southeastern Colorado Water Conservancy District: \$39,926 to develop a regional Water Conservation Plan

(*Ben Wade*)

COLORADO WATERWISE ANNUAL EVENT: On September 24, 2010, the Colorado WaterWise, with financial assistance from the CWCB's Water Efficiency Grant Program, will hold their annual event in Denver at the Police Protective Association Event Center. The theme is From the Mountain Top to the Tap: Using Tools and Policy to Make Every Drop Count. The cost is \$100

Members/\$150 Non-Members. Ken Salazar has been invited (although not confirmed) to be the keynote speaker. More information about the agenda and speakers will be available soon and can be found on the CWCB website. (*Veva Deheza*)

FEASIBILITY OF PERMANENCY AND PENETRATION OF WATER

CONSERVATION SAVINGS: The OWCDP is undertaking a study, with Colorado State University, to assess what barriers and opportunities exist at the provider level in order to carry out future conservation savings potential and penetration rates research. Working with a subset of the partner utilities, such as Denver Water, Aurora Water, Colorado Springs Utilities, this project would also include a demonstration of the statistical analysis that can be done with existing information, including illustrating areas of need. Ultimately this future research will help define what the water conservation potential is out to 2050. Initial interviews with Denver Water, Aurora Water and Colorado Springs have been completed along with data gathering and analysis. This project has a finish date of November 2010, with subsequent phase beginning in July 2011. (*Kevin Reidy*)

JULY 2010 INSTREAM FLOW ACQUISITIONS UPDATE: The Breem Ditch acquisition was completed at a Closing on June 28, 2010 in Crested Butte. At the Closing, the CWCB was granted a conservation use right of the Breem Ditch water for use in Washington Gulch and the Slate River. A press release was issued on June 30, 2010. Parties will file the water court applications to change the water right in the upcoming months.

The Pitkin County donated Stapleton Brothers Ditch water right will be changed in water court to instream flow uses on Maroon Creek and the Roaring Fork River. The water court application was filed on June 30, 2010. The new Case Number is 10CW184. (*Kaylea White*)

JULY 2010 INSTREAM FLOW OPPOSITION CASES UPDATE: Case No. 09CW144 - Energy Fuels Resources Corp.: The Board ratified its statement of opposition in May 2010 with some discussion about the Paradox basin salinity control project. Since then, ISF staff has met with other CWCB staff about the nearby Paradox project. Potential effects of Energy Fuels' project pumping on the Paradox project are unclear at this point. A hydrogeologic investigation is underway for Paradox project, which could indicate whether the Energy Fuels project could aid or hinder the Paradox salinity efforts. Total new depletions from the Energy Fuels project are estimated to be 710 acre-feet per year. CWCB staff is currently investigating the locations and timing of those depletions. The remaining issues pertain to Division of Water Resources administration of the Dolores River ISF, whether the basin should be considered over-appropriated, and whether an augmentation plan is needed in this case. The Paradox project operates under its own augmentation plan. Staff is working on these issues with the Applicant, the State Engineer, and the Division Engineers in both Divisions 4 and 7.

Case No. 09CW149 - Parkville Water District: The Board ratified its statement of opposition in May 2010 with some discussion about the loan the CWCB approved for the District. Since that meeting, Applicant has amended its application twice. CWCB's remaining ISF issues involve historical use practices and limiting new uses to historical amounts and identifying new junior exchanges. Resolution of these issues should not interfere with the project that will be funded in part by a CWCB loan. (*Kaylea White*)

INSTREAM FLOW AND NATURAL LAKE LEVEL PROGRAM – SUMMARY OF

RESOLVED CASES: The Board's ISF Rule 8i. states that, "In the event the pretrial resolution includes terms and conditions preventing injury or interference and does not involve a modification, or acceptance of injury or interference with mitigation, the Board is not required to review and ratify the

pretrial resolution. Staff may authorize its counsel to sign any court documents necessary to finalize this type of pretrial resolution without Board ratification.”

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

(1) Case No. 5-95CW272 - Application of the City of Colorado Springs, Colorado and the City of Aurora, Colorado

The Board ratified the statement of opposition filed in this case at its March 1996 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicants' proposal does not injure the Board's instream flow water right the Eagle River and tributaries. Applicants' proposed plan for augmentation and exchange may not have replaced depletions in the same amount, timing or location at which they occur. 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 Board holds 17 instream flow water rights in the upper Eagle River basin that could have been injured by this application.

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights. The Applicants have agreed to the following terms and conditions:

- The application comprises claims for surface water rights and diversions and groundwater rights and diversions. Applicant, CWCB, and the other objectors have jointly moved to bifurcate the case into two parts, one addressing the surface water rights and operations, and the other addressing the groundwater rights and operations, with the surface water component of the case to be adjudicated before the groundwater component, which will be adjudicated separately. This Decree is accordingly entered to adjudicate the surface water right claims herein.
- The applicant sought to change conditional water rights for the Homestake Reservoir Storage Right of 9,316 acre-feet to a new place of storage at Blodgett Reservoir and additional uses and places of use in the Colorado River Water Conservation District, Upper Eagle Regional Water Authority, Eagle River Water and Sanitation District, Cyprus-Climax Metals Company and Vail Associates. In addition, applicants sought alternate points of diversion and place of use for the Homestake Conduit, East Fork Conduit, and Eagle –Arkansas Ditch. In 1998 the Applicants entered into a Memorandum of Understanding with the Colorado River Water Conservation District, the Upper Eagle Regional Water Authority, Cyprus - Climax Metals Company, the Eagle River Water and Sanitation District and Vail Associates (“MOU”), such that some of the water may be used in the Western Slope (the basin of origin). As a settlement term with CWCB, the parties have agreed not to litigate in this case whether the water rights changed herein may be used, reused, or successively used to extinction on the Western Slope. Therefore, applicants agreed that no reuse or successive use of the water rights changed in this case shall be made on the Western Slope without a subsequent proceeding confirming such reuse or successive use.
- Applicants may only call for water to be stored at the alternate points of storage to the same extent that they could call for to be stored at the original point of storage. Likewise, applicants may only call for delivery of water at a changed or alternate point of division to the same extent that they could call for delivery of water at the original point of diversion. Further, Applicants will not divert water pursuant to those water rights to the extent that such diversions will cause the instream flow rights described above to be unsatisfied, unless the Applicants augment or replace their depletions affecting those instream flow rights. Applicants shall not exercise those water rights described in Section 7 of the decree at the changed or alternate points of diversion or storage or by exchange if the instream flow rights described above are unsatisfied after having placed a

call for water, unless the Applicants augment or replace their depletions affecting those instream flow rights at a location upstream of the unsatisfied instream flow rights. Finally, Applicants will operate the Augmentation Plans including Exchange to protect the instream flow rights. Applicants shall insure that replacement water, up to the amount of their out-of-priority depletions, is made available during the operation of the Plan to any vested or conditionally decreed water rights senior to November 27, 1995 lawfully calling for water that are located in stream reaches between the diversion points for the water rights being augmented and Blodgett Reservoir. No injury to instream vested or conditionally decreed water rights senior to November 27, 1995 may occur by operation of this plan for augmentation.

- Applicants shall install and maintain such water measuring and recording devices and implement such accounting procedures as may be required by the Division 5 Engineer to verify that the amount released and, as necessary, exchanged, for augmentation equals the amount needed to prevent injury to downstream water rights exercising a lawful call for water, including the CWCB water rights, up to the amount of water diverted, depleted, or stored out of priority at the points of diversion or structures described in Paragraph 7.1.1 of the decree (e.g. Homestake Project original diversion points), and in Paragraph 7.3 (e.g. alternate points of diversion and storage), and in the decree in Case No. 88CW449 (e.g. Resolution-24-Creek Reservoir; Lower East Fork Reservoir; and Eagle Park Wetland Irrigation System). Such accounting shall be incorporated into the Accounting and Monitoring Plan developed and approved in accordance with Paragraphs 10.1 and 10.2 of the decree. Applicants shall record measurements daily and submit accounting to the Division Engineer at least monthly.
- Accounting. Applicants shall install and maintain such water measuring and recording devices and implement such accounting procedures as may be required by the Division 5 Engineer to verify that the amount released for augmentation and, as necessary, exchanged, by exchange at the points described in Paragraph 9.2 of the decree equals the amount needed to prevent injury to downstream water rights exercising a lawful call for water, including the CWCB water rights described in paragraph 10.4.1 of the decree, up to the amount of water diverted, depleted, or stored out of priority at the points of diversion or structures described in Paragraph 9.1 (e.g. rights described in Sections 3, 4, 5, and 6 of the decree). Such accounting shall be incorporated into the Accounting and Monitoring Plan developed and approved in accordance with Paragraphs 10.1 and 10.2 of the decree. Applicants shall record measurements daily and submit accounting to the Division Engineer at least monthly.
- Accounting and Monitoring Plan: Prior to the diversion of any water pursuant to this Decree, the Applicants will develop and implement an Accounting and Monitoring Plan that is acceptable to the Division Engineer. The Plan, at a minimum, inter alia, will provide the amount of diversions and/or storage by each water right and structure including, for storage rights, inflows, storage content and outflows, with the diversions and storage allocated to and distributed among each water right diverted at each structure.

(2) Case No. 5-05CW088 - Application of Karinga / King Ranch, LLC

The Board ratified the statement of opposition filed in this case at its September 2005 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicant's proposal does not injure the Board's instream flow water rights on Fryingspan River and the Roaring Fork River. The Applicant's proposed augmentation plan may injure the Board's instream flow water rights on the Fryingspan River and the Roaring Fork River by not replacing depletions in time, place and amount. In addition, the Applicant's proposed change of water right may result in an expansion of use that could injure the Board's instream flow water rights on the Fryingspan and Roaring Fork Rivers. 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 Board holds the following instream flow water rights that could have been injured by this application:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-73W1945	Fryingpan River	110/39	07/12/73	Roaring Fork River	Pitkin Eagle
5-85CW639	Roaring Fork River	145/75	11/08/85	Roaring Fork River	Pitkin Eagle Garfield

Applicant's water use demands are 15.35 acre-feet of diversions and 13.65 acre-feet of consumptive use for domestic water use from 1 cabin, 0.05 acre of lawn, irrigation of 4.0 acres of open space, and evaporation from 2.1 acres of pond surface area. In addition to these uses, applicant has demonstrated that 12 cabins, and 2,500 square feet of lawn irrigation associated with each cabin was a perfected beneficial use before October 15, 1977, and is entitled to Green Mountain Reservoir's Historic User Pool pursuant to Senate Document 80.

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on the Fryingpan River and the Roaring Fork River. The Applicants have agreed to the following terms and conditions:

- At times when water rights decreed for instream flow purposes on the Frying Pan River and/or the Roaring Fork River within the exchange reaches decreed herein are in priority and not satisfied, the Applicant shall replace its out-of-priority depletions with releases of augmentation water from Ruedi Reservoir.
- When the BWCD supplies augmentation water from Ruedi Reservoir or from the Troy and Edith Ditches, no exchange occurs because the augmentation supply is located upstream of the Augmented Water Rights.
- Robinson Ditch Exchange – If the CWCB's instream flow rights in the Frying Pan River below the Upper Terminus or on the Roaring Fork River between the headgate of the Robinson Ditch and the confluence of the Roaring Fork and Fryingpan Rivers are in priority and not satisfied, then the Applicant shall not operate the Robinson Ditch Exchange.
- Green Mountain Exchange – If the CWCB's instream flow rights in the Fryingpan River below the Upper Terminus or in the Roaring Fork River between the confluence of the Colorado River and Roaring Fork River to the confluence of the Roaring Fork River and the Fryingpan River are in priority and not satisfied, then the Applicant shall not operate the Green Mountain Reservoir Exchange.
- The Applicant shall install measuring devices, provide accounting and supply calculations regarding the timing of depletions as required by the Division Engineer for the operation of the plan of augmentation.
- The Court shall retain jurisdiction in this matter on the question of injury to the vested water rights of others from the date of the entry of this decree until five (5) years after the date of Applicant's first annual report to the Division Engineer.

(3) Case No. 4-03CW049 - Application of Upper Gunnison River Water Conservancy District

The Board ratified the statement of opposition filed in this case at its May 2003 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicant's proposal does not injure the Board's instream flow water rights on a number of instream flow water rights on tributaries to the Gunnison River. Applicant's proposed plan for augmentation may not have replaced depletions in the same amount, timing or location at which they occur. 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 Board holds numerous instream flow water rights that could have been injured by this application, including all CWCB's instream flow water rights within the Gunnison River drainage upstream of the Blue Mesa Reservoir outlet.

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights. The Applicants have agreed to the following terms and conditions:

- The exchanges shall be operated only at such times as there are flows in the respective reaches of the exchange sufficient to satisfy the legal entitlement of all diverting decreed priorities (including exchanges) within the exchange reach which are senior to the Participating Structures seeking to divert out-of-priority. Further, the exchange will be operated only at such times when there is a live flow of water in the stream within the exchange reach.
- The water service contract with the United States described in paragraph 13 of the decree must remain in effect.
- The owners of all Participating Structures shall install and maintain measuring devices on such structures as required by the Division Engineer and provide diversion records for the structures to the District, or provide water use and depletion accounting forms sufficient to meet reasonable accounting needs of the Division Engineer.
- After the date of this decree, the District shall not include in this plan for augmentation any structure that is located within or upstream of the reach of a senior decreed CWCB instream flow water right without completing the following procedure:
 - The District shall prepare an analysis of the historical flows in said reach to determine if flows in excess of the decreed instream flow water right have consistently occurred in amounts sufficient to permit the exchange approved in this decree to operate in said reach. Upon approval of the analysis by the CWCB, Participating Structures shall be permitted to deplete the flows of said instream flow reach to the extent of the flows in excess of the decreed instream flow water right for said reach.
 - If future hydrologic conditions result in lower flows at the selected gauge than were recorded in the year of record utilized in the District's analysis, the CWCB may require the District to prepare an updated analysis before accepting additional structures in this plan for augmentation that are located within or upstream of the reach of a CWCB instream flow water right.
 - In the event of disagreement by the CWCB, the District may apply to the water court for a hearing to determine that the District's analysis demonstrates that flows in excess of the decreed instream flow water right have consistently occurred. Because this determination constitutes reconsideration of the question of injury to the vested rights of others, the court shall retain jurisdiction over this plan for augmentation for the purpose of making the determination required in this paragraph 34(d) indefinitely.

- Actual valid gauge data would take precedent over that obtained by statistical analysis.

- Except as provided in paragraph 34.(d), with respect to the period of retained jurisdiction required by § 37-92-304(6), C.R.S. (2009) the court finds that a period from the signing of the decree until seven years following an out-of-priority diversion by the last Participating Structure included in the plan is sufficient. Notice will be provided by the District to the Division Engineer and the CWCB upon inclusion of the last Participating Structure in the plan.

(4) Case No. 5-05CW262 - Application of Town of Minturn

The Board ratified the statement of opposition filed in this case at its March 2006 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicant's proposal does not injure the Board's instream flow water rights on Cross Creek and the Eagle River. Applicant's proposed change of water rights could result in an expansion of use that may injure the Board's instream flow water rights on Cross Creek and the Eagle River. 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 Board holds the following instream flow water rights that could have been injured by this application:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-78W3795	Cross Creek	20/8	5/12/78	Eagle River	Eagle
5-78W3796	Eagle River	50/20	5/12/78	Eagle River	Eagle
5-80CW134	Eagle River	85/35	3/17/80	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

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights. The Applicants have agreed to the following terms and conditions:

- **Augmentation of Diversions.** Any diversions from the structures decreed to the Minturn Ditch Water Right and the Minturn Well Nos. 1 and 2 Water Rights that result in an excess of the 38 consumptive acre feet annual limitation and the monthly maximum limitations shall be allocated to the junior water rights decreed in Water Division No. 5, Case Nos. 06CW264 and 07CW225 (the "06CW264 and 07CW225 Priorities"), and must be fully replaced and augmented under the plan for augmentation set forth in Case No. 07CW225. During times when diversions from such structures result in the consumptive use limitations being exceeded and are operating under either or both the 06CW264 and 07CW225 Priorities, and (a) there is a call placed by a senior water right (including a senior exchange right or an exchange to which these priorities have subordinated) that is within the reach of the Eagle River between the confluence of the Eagle River and Cross Creek and the point of discharge of Minturn's municipal effluent, or (b) the CWCB's Eagle River instream flow water rights within or downstream of that reach or on Cross Creek are not being met, then Minturn will augment its diversions with augmentation water that is upstream of the points of diversion. The amount of such augmentation water shall be that amount required to meet the decreed instream flow and meet the senior call or call to which it has subordinated, up to the maximum amount of Minturn's out of priority diversions, reduced by any applicable return flow credits (wastewater, system loss and return flows) derived from the 06CW264 and 07CW225 Priorities and junior priorities decreed in Case No. 05CW263.
- **Instream Flows.** In connection with the diversion of water under Minturn Well Nos. 1 and 2 Water Rights through Well Nos. 3 and 4 and any wells located in Well field No. 1 upstream of the

points on Cross Creek closest to the location of Well Nos. 1 and 2, when the CWCB's water rights to preserve the natural environment on Cross Creek, decreed in Case No. 78W3795 are not being met, as determined by the Water Commissioner or Division Engineer, Applicant agrees to either curtail its diversions or fully augment its depletions, consistent with Case No. 07CW225 or another court-approved augmentation plan or an substitute water supply plan approved by the State Engineer, with augmentation water that is upstream of these depletions to Cross Creek. Presently, such depletions are equal to the diversions.

- **Measuring Devices.** Applicant will install and maintain such water measuring devices, implement such accounting procedures, and provide such calculations as may be required by the State or Division Engineer to administer the terms of this decree. The CWCB shall have access to any such measuring device(s) at reasonable times in order to make readings therefrom.
- The Court shall retain jurisdiction in this matter on the question of injury to the vested water rights of others for a period of five years from the date of entry of this decree.

(5) Case No. 5-08CW077 -- Application of Eagle River Water and Sanitation District (Wolcott Case)

The Board ratified the statement of opposition filed in this case at its September 2008 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicant's proposal does not injure the Board's instream flow water rights on the Eagle River. Applicant's proposed plan for augmentation may not have replaced depletions in the same amount, timing or location at which they occur. 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 Board holds the following instream flow water rights that could have been injured by this application:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-80CW126	Eagle River	110/45	3/17/80	Eagle River	Eagle
5-80CW124	Eagle River	130/50	3/17/80	Eagle River	Eagle

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on the Eagle River. The Applicants have agreed to the following terms and conditions:

- If one or more of the Alternate Points of Diversion are used at times that there is a call by the CWCB under such instream flow water right that is recognized and administered by the Water Commissioner or Division Engineer within the foregoing stream segment, the District will replace by releases from Eagle Park Reservoir and/or Homestake Reservoir an amount equal to 100% of the diversions from the Alternate Points of Diversion during the period of such call; provided, however, if the District can demonstrate to the satisfaction of the Division Engineer, after 60 days prior written notice to the CWCB of the information to be provided by the District to the Division Engineer, that all or a portion of the return flows from the irrigation diversions at the Alternate Points of Diversion accrue to the Eagle River at or above the Alternate Points of Diversion, then that portion of the irrigation diversions shall be subject to the irrigation depletion factors and calculations under paragraph 6 of the Decree or such other calculations agreed to between the District and the Division Engineer.
- The CWCB shall provide any comments to the Division Engineer within 60 days of receiving any such notice from the District, and the Division Engineer shall provide written notification to the CWCB and the District of any determinations or agreements made by the Division Engineer under this paragraph. Any such administrative determinations or agreements shall be reviewable by the

Water Court as a water matter. Nothing contained in this decree shall modify the measurement and accounting obligations of any entity or individual as contained in any previously entered decrees. To the extent the Wolcott Wastewater Plant discharges below diversions at the Wolcott Water Treatment Plant Intake, such diversions shall be subject to the provisions of this paragraph unless the District and the CWCW execute an agreement to the contrary pursuant to the CWCW's procedures for approval of such agreements.

- **Lagged Irrigation Return Flows** – No return flow credits may be claimed for the irrigation of any lands downstream of the Wolcott Treatment Plant Intake when the measured flow of the Eagle River at the location of the Wolcott Treatment Plant Intake is below the amount decreed to the CWCW's instream flow water right on the Eagle River decreed in Case No. 80CW126, and the CWCW has place a call that is recognized and administered by the Water Commissioner or Division Engineer.
- **Transit Losses.** The amount of water released under this plan from Eagle Park Reservoir and Homestake Reservoir shall be sufficient to include reasonable transit losses assessed by the Division Engineer so that the full amount of replacement water reaches the point of required replacement to prevent injury to vested water rights; provided, however, that the transit losses assessed by the Division Engineer for releases from Eagle Park Reservoir and Homestake Reservoir under this plan shall be the same as any transit losses assessed by the Division Engineer for other augmentation plans utilizing said reservoirs. The only exception is different from the transit loss amount assessed by the Division Engineer for all other augmentation plans utilizing said reservoirs. Any transit losses so assessed will reduce the amount of augmentation water available from the sources described in paragraph 5 of the decree, on an acre-foot per acre-foot basis.
- **Diversion records** shall be kept on a daily basis, with releases made as directed by the Division Engineer consistent with the terms of the decree. Completed accounting forms will be provided to the Division Engineer on a monthly basis.
- The Court shall retain jurisdiction over this plan for augmentation pursuant to C.R.S. § 37-92-304(6), for reconsideration of injury to the vested rights of others beginning on the date of the decree and extending for a period 15 years after the completion of initial construction and operation of the District's water treatment plant to provide water service in the District's Wolcott Service Area.

(6) Case No. 7-04CW050 -- Application of Town of Silverton (Molas Lake Case)

The Board ratified the statement of opposition filed in this case at its November 2004 meeting. The Board's main objective in filing the statement of opposition was to ensure that the Applicant's proposal does not injure the Board's natural lake level water right on Big Molas Lake. Applicant's proposed water storage right inundates the existing lake and could have caused material injury to the Board's natural lake level water right on Big Molas Lake. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCW's instream flow water right will not be injured.

The Board holds the following natural lake level water right that could have been injured by this application:

CWCW Case No.	Stream/Lake	Amount (AF)	Approp. Date	Watershed	County
7-W-1454-76	Big Molas Lake	200	11/30/1976	Animas River	San Juan

The CWCB and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on the Eagle River. The Applicants have agreed to the following terms and conditions:

- The date of appropriation is May 31, 1929 for recreational, piscatorial and fishery in reservoir uses; July 15, 2004 for municipal, commercial, irrigation, exchange and augmentation uses.
- The amount of appropriation is 113 acre feet. The appropriation is ABSOLUTE for recreational, piscatorial and fishery in reservoir; CONDITIONAL for municipal, commercial, irrigation, exchange and augmentation uses. No right of refill is decreed herein.
- The use is: Municipal, recreational, piscatorial, fishery in reservoir, commercial, irrigation of features located within the Town of Silverton's Molas Lake Park, exchange and augmentation. The Town's municipal and commercial use of the water right involves non-consumptive use of the water in Molas Lake as part of a municipal park with certain permitted commercial operations, such as a commercial campground where fishing is permitted. The Town makes direct use of the water in the Lake for municipal and commercial use by leaving the water in the Lake. The Lake and the park are owned by the Town and managed as a town resource even when water is not released. Irrigation use shall be limited to that required to establish approximately five total acres of wetland and upslope restoration areas as well as natural landscaping and revegetation in the immediate vicinity of Molas Lake, as shown on the map attached to the decree as Exhibit A.
- The Town shall only be permitted to use the water right for augmentation and exchange during periods when the Town's junior water rights as defined in Section III of the decree become subject to calls by senior downstream users.
- Water stored in Molas Lake as described in the decree to be released to the Animas River in amounts sufficient to compensate for the consumptive uses of the Town and to prevent injury to the owners of senior water rights during the times when the Town makes diversions out of priority at the structures described in the decree for use in the Town's municipal water supply system for the purposes described in the decree.
- Silverton shall construct and maintain a diversion structure capable of regulating or stopping flow into the Molas ditch, and bypassing flows in excess of their decreed water right, or bypassing flows at times when the Molas Lake water storage right has been satisfied.
- The direct flow water right for the Molas Ditch shall be limited to the water needed to fill Molas Lake up to its decreed storage as decreed herein.
- Applicant shall comply with the orders of the State or Division Engineer to install necessary measuring devices, and shall keep records and make reports as reasonably requested by the State or Division Engineer.

~ATTACHMENTS~

- **01 Conceptual Framework for U.S.-Mexico Discussions on Colorado River Cooperative Actions**
- **02 Wright Family Thank You Note**
- **03 De Minimis Cases**
- **04A Water Supply Reserve Account Balance Summary**
- **04B List of Completed WSRA Projects**
- **04C List of WSRA Projects in Progress**
- **04D List of WSRA Projects in Contracting & Procurement Process**
- **05 Design and Construction Status Report**
- **06 Financial Activity Report for Fiscal Year 2010**

**June 17, 2010
Ciudad Juárez, Chihuahua**

Minute No. 317

**CONCEPTUAL FRAMEWORK FOR U.S.-MEXICO DISCUSSIONS ON
COLORADO RIVER COOPERATIVE ACTIONS**

The Commission met at the offices of the Mexican Section in Ciudad Juárez, Chihuahua at 10:00 a.m. on June 17, 2010 to discuss the conceptual framework for cooperative actions and mechanisms between the United States and Mexico on the Colorado River.

The Commissioners observed that Articles 10, 11 and 15 of the United States – Mexico Treaty for Utilization of Waters of the Colorado and Tijuana Rivers and of the Rio Grande, signed February 3, 1944, allot a portion of the Colorado River waters to Mexico and stipulate that specified deliveries shall be made by the United States. Additionally, they noted that Article 24, paragraph (a) of the Treaty specifies additional powers and duties of the Commission, including "To initiate and carry on investigations and develop plans for the works which are to be constructed or established in accordance with the provisions of this and other treaties or agreements in force between the two Governments dealing with boundaries and international waters...."

The Commissioners referred to Minute No. 242, entitled "Permanent and Definitive Solution to the International Problem of the Salinity of the Colorado River," signed August 30, 1973, which states under Resolution 6 that "the United States and Mexico shall consult with each other prior to undertaking any new development of either the surface or the groundwater resources, or undertaking substantial modifications of present developments, in its own territory in the border area that might adversely affect the other country." They also referred to Minute No. 306, entitled "Conceptual Framework for United States-Mexico Studies for Future Recommendations Concerning the Riparian and Estuarine Ecology of the Limitrophe Section of the Colorado River and its Associated Delta," signed December 12, 2000, which recognizes each country has laws and regulations concerning the preservation of riparian and estuarine system habitat that are executed by authorities that are provided such responsibility in their respective country. Pursuant to Minute No. 306, the Commission established a framework for cooperation between the United States and Mexico through the development of joint studies that include possible approaches to ensure use of water for ecological purposes in the Colorado River limitrophe reach and its associated delta, and created a forum for the exchange of information and advice among the different government and non-governmental organizations with an interest in the

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affected areas. As part of this forum, a list was developed of proposed activities and projects pertaining to the Colorado River estuary and riparian ecology from the limitrophe reach down to the river delta.

The Commissioners further referred to the Joint Statement issued by the United States and Mexico on August 13, 2007, which states that the Commission should be utilized to expedite discussions to further the cooperation between the United States and Mexico on issues related to the Colorado River.

The Commissioners also referred to the Joint Declaration on Colorado River Issues signed by the U.S. Secretary of the Interior and Mexico's Ambassador on January 15, 2009, in which they applauded the efforts of the Commission "to help identify cooperative and innovative measures that both countries could implement consistent with the provisions of the 1944 Treaty to help ensure that the Colorado River is able to continue to meet the needs of both nations." They further indicated both governments' support of these efforts "to identify innovative opportunities for water conservation, storage, supply augmentation, and environmental protection, which are viewed as complementary to the mission of the Department of the Interior and the respective Mexican ministries, consistent with the provisions of the 1944 Treaty."

The Commissioners similarly noted the interest expressed by non-governmental organizations and the states in the Colorado River Basin in the United States and in Mexico to participate in a binational dialogue about Colorado River cooperative actions. The Commissioners recognized the benefit, both for the United States and Mexico, in formalizing an inclusive process that would explore initiatives and the development of cooperative actions and mechanisms that could benefit Colorado River water users in the United States and Mexico.

The Commissioners observed that during the discussions carried out under the auspices of the Commission within the context of the Colorado River joint cooperative actions between the United States and Mexico, several projects and initiatives of interest to both countries were identified by the binational Core Group, which were divided among four binational Work Groups: Water Conservation, New Water Sources, System Operations, and Environmental. The Commissioners also noted that both countries are eager to explore opportunities for binational cooperative projects that: minimize the impacts of potential Colorado River shortage conditions; generate additional volumes of water using new water sources by investing in infrastructure such as desalinization facilities; conserve water through investments in a variety of current and potential uses, including agriculture, among others; and envision the possibility of permitting Mexico to use U.S. infrastructure to store water.

In this context, the Commissioners agreed to establish a binational Consultative Council, composed of representatives of the Commission, the respective federal governments and the basin states, to facilitate consideration of the legal, administrative and

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policy matters associated with these issues. The binational Consultative Council may receive assistance from the binational Core Group and any binational Work Group that it considers relevant.

The Commissioners considered that the details for any initiatives of mutual interest and those projects that implement said initiatives may be formalized in subsequent specific Minutes.

Based on the above, the Commissioners submit the following resolutions for the approval of both federal Governments:

1. The Commission shall continue to develop a conceptual and practical framework for the discussion, joint study, research and evaluation of cooperative measures that could benefit both countries. As part of this process, the Commission will establish a binational Consultative Council as described above.
2. The Commission will coordinate, through the binational Core Group and the binational Work Groups, the exploration and evaluation of potential areas of cooperation and the consideration of projects or initiatives of interest to both countries, which focus on the initial topics of water conservation, identifying new water sources, improving hydraulic and hydrologic system operations, and identifying water for environmental purposes, taking into consideration the views and recommendations of the binational Consultative Council.
3. The Commission, through the process established in this Minute, shall in particular explore opportunities for binational cooperative projects that: minimize the impacts of potential Colorado River shortage conditions; generate additional volumes of water using new water sources by investing in infrastructure such as desalinization facilities; conserve water through investments in a variety of current and potential uses, including agriculture, among others; and envision the possibility of permitting Mexico to use U.S. infrastructure to store water.
4. The exploration of joint cooperative opportunities shall seek to benefit both countries, promote sustainable management of water in the Colorado River Basin, and define mechanisms under which the two countries may share the costs and the benefits of projects and initiatives that are identified, always on the understanding that any action or mechanism agreed upon shall be consistent with the objectives of the 1944 Water Treaty.
5. All activities undertaken pursuant to this Minute shall be subject to the availability of funds, resources, and corresponding personnel, as well as to applicable laws and regulations in each country.

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6. This Minute shall enter into force when the Government of the United States of America and the Government of the United Mexican States have each provided written notification through its respective Section of the Commission of its approval.

The meeting was adjourned.

Edward Drusina, P.E.
United States Commissioner

Roberto F. Salmón Castelo
Mexican Commissioner

Adolfo Mata
United States Section Secretary

José de Jesús Luévano Grano
Mexican Section Secretary

Thank You

Jennifer & the CWCB,
Thank you all for the Resolu-
tion of Appreciation that you
sent for Ray. We so enjoyed
working with all of you. We
hope you will keep his legacy
in mind as you continue to
work with Colorado's water
issues. Mona Syring & the
family of Ray Knight

Director's Report Attachment – July 20-21, 2010 Meeting
Stream and Lake Protection Section De Minimis Cases

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

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
2-94CW041	Douglas M. DeChant	Chalk Creek/ 2-77W4662	18 cfs (summer) 18cfs (winter)	0.0001% 0.0001%	0.1526% 0.0105%	23
4-10CW036	High Park Spring LLC	Cimarron River / 4-84CW395	25 cfs (summer) 15 cfs (winter)	0.2593% 0.0764%	0.2593% 0.0764%	0
4-10CW036	High Park Spring LLC	Cimarron River / 4-84CW398	25 cfs (summer) 15 cfs (winter)	0.4051% 0.0716%	0.4457% 0.1123%	1
5-10CW054	Scott Turan	Colorado River/ 5-80CW446	135 cfs (summer) 135 cfs (winter)	0.00531% 0.00569%	0.1253% 0.0800%	41
5-10CW054	Scott Turan	Colorado River/ 5-80CW447	90 cfs (summer) 90 cfs (winter)	0.00797% 0.00854%	0.1824% 0.1162%	39
5-10CW054	Scott Turan	Colorado River/ 5-80CW448	150 cfs (summer) 150 cfs (winter)	0.00478% 0.00512%	0.1225% 0.0815%	42
5-10CW054	Scott Turan	Colorado River/ 5-90CW300	40 cfs (summer) 20 cfs (winter)	0.01792% 0.03841%	0.1896% 0.2590%	20

COLORADO WATER CONSERVATION BOARD
Water Supply Reserve Account - Balance Summary
July 2010

Fund Appropriation and Receipts				
Fiscal Year	Legislative Appropriation	Funds Received	Statewide Account	Basin Account
2006/2007	\$10,000,000	\$10,000,000	\$5,500,000	\$4,500,000
2007/2008	\$6,000,000	\$6,000,000	\$4,200,000	\$1,800,000
2008/2009	\$10,000,000	\$7,000,000	\$4,300,000	\$2,700,000
2009/2010	\$5,775,000	\$5,775,000	\$4,215,750	\$1,559,250
2010/2011	\$6,000,000	\$2,400,000	\$1,752,000	\$648,000
TOTAL	\$37,775,000	\$31,175,000	\$19,967,750	\$11,207,250

Note: The WSRA is a Severance Tax "Tier II" program with 40% of funds distributed on July 1, 30% on January 1, and the final 30% on April 1.

In FY 2008/2009 the final 30% installment of \$3,000,000 was not received due to the State's budgetary shortfall.

For FY 2010/2011 the first installment of 40% was received on July 1, resulting in \$1,752,000 for the Statewide Account and \$72,000 for each Basin Account

Fund Distribution					
Basin	Approved Basin Grants	Total Basin Funds	Basin Account Balance	Approved State Grants	Statewide Account Balance
Arkansas	\$992,756	\$1,245,250	\$252,494	\$2,781,620	
Colorado	\$850,171	\$1,245,250	\$395,079	\$2,227,900	
Southwest	\$1,049,446	\$1,245,250	\$195,804	\$3,015,000	
Gunnison	\$888,665	\$1,245,250	\$356,585	\$861,660	
Metro	\$1,113,146	\$1,245,250	\$132,104	\$1,358,333	
North Platte	\$869,715	\$1,245,250	\$375,535	\$311,027	
Rio Grande	\$1,035,450	\$1,245,250	\$209,800	\$2,967,400	
South Platte	\$1,043,111	\$1,245,250	\$202,139	\$1,913,602	
Yampa/White	\$1,063,374	\$1,245,250	\$181,876	\$248,835	
TOTAL	\$8,905,834	\$11,207,250	\$2,301,416	\$15,685,377	\$4,282,373
TOTAL APPROVED GRANTS					\$24,591,211

Note: Only includes grants approved by CWCB.

WSRA COMPLETED PROJECTS													Last Update 05/30/10	
Basin	County	Applicant	Name of Water Activity	CWCB Mtg Approved	Basin Account	Statewide Account	Total Request	Type of Water Activity	Number	Amount	Matching Funds Authorized	Matching Funds Paid	Project Expire Date	Final Date Closed
Arkansas	Pueblo, Otero/ Crowley, Bent, Powers, Fremont, Chaffee, ElPaso, Kiowa	Southeastern Colorado Water Conservancy District	Tamarisk	Mar-07	\$0	\$50,000	\$50,000	Study/analysis of nonstructural water activity	8000000005	\$50,000				06/30/09
Arkansas	El Paso	El Paso County Water Authority	Upper Black Squirrel Creek Aquifer Recharge Investigation	Mar-07	\$45,200	\$0	\$45,200	Study or Analysis of Structural Project	8000000011					
Arkansas	El Paso	El Paso County Water Authority	Ground Water Conference	Mar-07	\$24,721	\$0	\$24,721	Study/analysis of nonstructural activity	8000000010				10/10/07	06/30/09
Arkansas	Pueblo, ElPaso, Teller	Pueblo and El Paso Counties	Fountain Creek Vision Task Force	May-07	\$75,000	\$0	\$75,000	Facilitation and Analysis	8000000084	\$75,000			06/30/09	06/30/09
Arkansas	Custer	Round Mountain Water and Sanitation District	Round Mountain Water & Sanitation District Water System Improvements Project	May-07	\$120,000	\$0	\$120,000	Structural Water Project	C150403	\$120,000			09/02/09	09/17/09
Arkansas	El Paso, Elbert, Lincoln	Upper Big Sandy Ground Water Management District	Upper Big Sandy Water Balance	Jan-08	\$45,000		\$45,000	Study/analysis of nonstructural activity	8000000100	\$45,000				
Arkansas	Pueblo, Otero/ Crowley, Bent, Powers, Fremont, Chaffee, ElPaso, Kiowa	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin	Jan-08	\$23,860		\$23,860	Study/analysis of structural/nonstructural project	8000000135	\$23,860				
Arkansas	Lake, Chaffee, Fremont	Greater Arkansas River Nature Association	Arkansas Headwaters Diversion Structure Improvement Project	Mar-08		\$57,955	\$57,955	Study/Analysis Consumptive and Non- Consumptive Project	9000000025	\$57,955				Closed 8/31/09
Arkansas	Bent	City of Las Animas	City of Las Animas Water System Improvements	Mar-08	\$100,000	\$200,000	\$300,000	Structural/Non-Structural Water Activity	C150424	\$300,000	\$2,022,000		12/31/09	09/23/09
Arkansas	Pueblo, Otero, Crowley, Bent, Powers	Lower Arkansas Water Conservancy District	Rotational Land Following- Water Leasing Program - Lower Arkansas Super Ditch Company	Jan-08	150,000		150,000	Study/analysis of nonstructural activity	C150425	\$150,000	\$68,735		06/30/10	05/15/10
Arkansas Basin Total Request					\$583,781	\$307,955	\$891,736							
Number of Projects					11									
Colorado	Mesa	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sept-07	50,000	\$0	50,000	Structural water activity-- Spillway adequacy study/environmental permitting	8000000039	\$50,000	\$0		06/30/10	02/25/09
Colorado	Eagle	Eagle Park Reservoir Company	Enlargement of Eagle Park Reservoir	Mar-07	\$0	\$250,000	\$250,000	Structural Project and Study-Technical Assistance	C150401	\$180,580	\$118,707		12/31/09	12/17/09
Colorado	Garfield, Pitkin, Gunnison, Eagle	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Study or Analysis of Non- Consumptive Needs	8000000012	\$40,000				
Colorado		Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)	Mar-07	\$0	\$200,000	\$200,000	Study or analysis of non- consumptive water activity	C150404	\$200,000			06/30/08	Closed
Colorado	Grand County	Grand County	Vail Ditch Project	Mar-07	\$0	\$1,500,000	\$1,500,000	Structural and Nonstructural water activity	C150409	\$1,500,000			06/30/08	Closed
Colorado	Garfield, Pitkin	West Divide WCD	Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Sep-08	\$40,000	\$0	\$40,000	Structural and/or non structural water project or activity	9000000052	\$40,000			08/31/09	09/02/09
Colorado Colorado	Summit	Summit County	Old Dillon Reservoir	Mar-08	100,000	\$0	100,000	Study/Analysis of consumptive project	9000000026	\$100,000	\$49,360		06/30/09	Rolled

Colorado	Garfield, Pitkin	West Divide WCD	River water shed	Sep-08	\$40,000	\$0	\$40,000	or activity	9000000052	\$40,000			08/31/09	09/02/09
Colorado	Summit	Summit County	Old Dillon Reservoir	Mar-08	100,000	\$0	100,000	Study/Analysis of consumptive project	9000000026	\$100,000	\$49,360		06/30/09	Rolled
Colorado Basin Total Request														
Number of Projects		7			\$230,000	\$1,950,000	\$2,180,000							
Southwest		Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07	\$7,700	\$0	\$7,700	Study of structural water project	8000000075	\$7,700				07/31/09
Southwest		Mancos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	July-07	\$61,735	\$0	\$61,735	Feasibility Study	8000000076	\$80,000			06/30/09	06/30/09
Southwest		La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08	\$100,000	\$1,000,000	\$1,100,000	All purposes	C150422				06/30/09	
Southwest	La Plata/Archuleta	La Plata Archuleta Water District	Water System Master Planning	Nov-08	\$100,000	\$0	\$100,000	Environmental/Technical feasibility studies and studies or analysis of structural and/or non structural water project or activity	9000000112	\$100,000	None		12/31/09	12/22/09
Southwest	Archuleta	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Structural water project or activity	10000000011	\$85,000	\$132,375		06/30/11	12/09/09
Southwest	La Plata	Happy Scenes	Water System Well, Treatment System and Distribution Upgrades	16-Sep-08	\$39,760	\$50,000	\$0	Structural Project	9000000127	\$50,000	\$87,100		06/30/10	11/17/09
Southwest Basin Total Request														
Number of Projects		7			\$394,195	\$1,050,000	\$1,444,195							
Gunnison	Hinsdale	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure	May-07	\$35,000	\$0	\$35,000	Technical assistance regarding permitting, feasibility studies, and environmental compliance	8000000021	\$35,000				Closed
Gunnison	Delta	Town of Orchard City	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Study/Analysis	8000000007	\$60,000				
Gunnison	Delta	Town of Orchard City	Orchard City Water Reservoir Project (Remaining Tasks)	Sept-07	\$0	\$380,000	\$380,000	Study/Analysis	C150410	\$480,000			12/31/08	Closed
Gunnison	Delta, Montrose, Ouray	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sept-07	\$56,700	\$0	\$56,700	Environmental Compliance and Feasibility Study	80000000059	\$56,700				Closed
Gunnison	Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sept-07	\$48,000	\$62,700	\$110,700	Structural--development of construction plans and specifications for project	C150411	\$110,700			12/31/08	Closed
Gunnison	Mesa	City of Grand Junction Water Enterprise Fund	Juniata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Structural Water Project	9000000088	\$97,000	\$97,586	\$66,914	06/30/10	12/15/09
Gunnison	Delta	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam Fish Passage Feasibility Study	May-09	22,100	\$0	22,100	Study or analysis of a structural water project or activity	9000000144	\$22,100	\$1,000		06/30/10	01/25/10
Gunnison Basin Total Request														
Number of Projects		7			\$318,800	\$442,700	\$761,500							
Metro	Denver, Multiple	The Greenway Foundation	Chatfield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	Mar-07	\$103,000	\$0	\$103,000	Study/Analysis of Structural Water Project						
Metro	Douglas	East Cherry Creek Valley Water and Sanitation District	Zero Liquid Discharge Pilot Study	Sept-07	\$200,000	\$200,000	\$400,000	Study/Analysis	C150412	\$400,000				01/08/09
Metro	Logan	Parker Water and Sanitation District	Parker Water and San. And Colo. State University Joint Project on the Rural/Urban Farm Model	Sept-07	\$150,000	\$0	\$150,000	Study/Analysis	C150413	\$150,000			12/31/09	10/02/09
			Solicitation of Stakeholder Input through a South Platte					Non-structural water						

Metro	Logan	Parker Water and Sanitation District	Project on the Rural/Urban Farm Model	Sept-07	\$150,000	\$0	\$150,000	Study/Analysis	C150413	\$150,000			12/31/09	10/02/09
Metro	Multiple	CFWE	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$16,019	\$0	\$16,019	Non-structural water project or activity	9000000019	\$16,019				
Metro	Douglas, Arapahoe	South Metro Water Supply Authority	South Metro Water Supply Authority - Regional Aquifer Supply Assessment	Jul-08	100,540	\$0	100,540	Study/analysis of structural project & consumptive project/activity	C150430	\$100,540	In-kind		12/31/09	12/31/10
Metro Basin Total Request					\$569,559	\$200,000	\$769,559							
Number of Projects		5												
North Platte N Platte Basin Total Request		Silver Spur Operating CO.	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000		\$116,000	Structural/Non-Structural Water Activity	C150421	\$116,000			12/31/09	
Number of Projects		1												
Rio Grande		Alamosa Riverkeepers	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Study/Design for Structural Water Project	7000000076					
Rio Grande		Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Non-structural water activity	8000000006	\$36,750				Closed
Rio Grande		San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sept-07	\$0	\$104,000	\$104,000	Non-structural water activity	C150419	\$104,000				Closed
Rio Grande		Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sept-07	\$83,700	\$0	\$83,700	Structural Water Project	8000000060	\$83,700				Closed
Rio Grande		Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08	\$200,000	\$1,300,000	\$1,500,000	Structural/Non-Structural Water Activity	C150420	\$1,500,000				Closed
Rio Grande	Conejos	El Codo Ditch Company	San Antonio River - El Codo Ditch Diversion and Rehabilitation	May-09	\$65,000	\$0	\$65,000	Structural and/or nonstructural water project or activity	1000000001	\$64,820	\$23,445		12/31/09	12/08/09
RGrande Basin Total Request					\$449,950	\$1,404,000	\$1,853,950							
Number of Projects		6												
South Platte		The Greenway Foundation	Chatfield Reallocation EIS/FR (Metro BRT contributing \$103,000)	Mar-07	\$27,000	\$0	\$27,000	Study/Analysis of Structural Water Project		\$27,000				
South Platte		Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07	\$52,000	\$0	\$52,000	Environmental Compliance/Feasibility Study	8000000037	\$52,000				Closed
South Platte		Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$16,019	\$0	\$16,019	Non-structural water project or activity	9000000019	\$32,038				
South Platte		Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I	Sept-07	0	\$278,476	278,476	Specifies all eligible activities	C150415	\$278,476	\$500,255			
South Platte Basin Total Request					\$95,019	\$278,476	\$373,495							
Number of Projects		4												
Y/W/G		Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	July-07	49,500	\$0	49,500	Feasibility Study	8000000058	\$49,500	\$0		03/31/08	02/25/10
Y/W/G		Vermillion Ranch	Sparks Reservoir	Jul-08	16,000	\$0	16,000	Study/Analysis of Consumptive Activity/Project	9000000039	\$16,000	\$3,000		12/31/08	02/25/10
Y/W/G		Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	20,000	\$0	20,000	Study or analysis of structural, non structural, consumptive, and nonconsumptive water needs and projects	10000000050		\$22,938		06/30/10	05/17/10

Y/W/G		Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	20,000	\$0	20,000	structural, non structural, consumptive, and nonconsumptive water needs and projects	100000000050		\$22,938		06/30/10	05/17/10
Y/W/G Basin Total Request	3				85,500	\$0	\$85,500							
Water Supply Reserve Account Total Requests					\$2,842,804	\$5,633,131	\$8,475,935							

WSRA IN PROGRESS PROJECTS										UPDATED 06/30/10							
Basin	County	Applicant	Name of Water Activity	CWCB Mtg Approved	Basin Account	Statewide Account	Total Request	Type of Water Activity	Number	Amount	Matching Funds Authorized	Matching Funds Paid	Project Expire Date	Final Date Closed	Complete/In Progress /Contracting Pending	Project Manager	
Arkansas	Pueblo,Otero, Bent,Crowley, Powers,Fremont,Kiowa, Chaffee, El Paso	Southeastern Colorado Water Activity Enterprise	Arkansas Valley Conduit	Mar-07	0	\$200,000	200,000	Study/analysis of structural activity	C150406	\$200,000	\$352,000		06/30/11	In Progress	Todd		
Arkansas	Pueblo	Colorado State Parks	Colorado State Parks Zebra Mussel Response	Mar-08	0	\$1,000,000	1,000,000	Structural and Non-Structural water project	C150416	\$1,000,000	\$3,000,000						
Arkansas	No information on Summary for counties	Colorado State Univ.	Geospatial decision support system for integrated water mgmt	Sep-08	100,000	\$500,000	600,000	Studies/analysis structural/nonstructural, consumptive/non water needs projects	C150441	\$599,931	Unknown						
Arkansas	Chaffee, Fremont, Custer	Upper Arkansas WCD	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	Structural and/or nonstructural water project or activity	C150439	\$285,332	\$529,884						
Arkansas	Bent, Kiowa	Lower Arkansas Valley Water Conservancy District	John Martin Wetlands & Neenoshe Reservoir Nonconsumptive Needs Quantification	May-09	148,975	\$0	148,975	Study/analysis of nonconsumptive water needs	C150457		\$43,250						
Arkansas	Chaffee,Lake, Saguache	Upper Arkansas Water Conservancy District	UAWCD Hydrologic Water Balance Study	Sep-09	\$0	\$180,000	180,000	Study or analysis of non structural, consumptive, or nonconsumptive water needs and projects	C150460	\$180,000							
Arkansas Basin Total Request					323,975	\$2,090,332	2,414,307										
Number of Projects		7															
Colorado	No information on Summary for counties	City of Grand Junction	Energy Development Water Needs Assessment (300,000 Joint Application see Yampa)	Mar-07	0	\$150,000	150,000	Study of consumptive water needs assoc. w/energy develop. in the CO, White& Yampa river basins	C150407	\$150,000	\$0		12/31/10	In Progress	Jacob		
Colorado	Garfield, Eagle	Basalt Water Conservancy District	Missouri Heights	Sept-07	25,000	\$0	25,000	Non-structural study--ground water monitoring, phase II	8000000049	\$25,000	\$25,000						
Colorado	Grand, Pitkin, Eagle, Garfield, Summit,Mesa	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	315,171	\$0	315,171	Nonstructural study of nonconsumptive needs	C150451	\$315,171	\$25,000						
Colorado	Eagle/Pitkin/ Garfield	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment - Phase 2	May-08	\$40,000.00		\$40,000.00	Study/Analysis Consumptive and Non-Consumptive Project	9000000049	\$40,000.00							
Colorado		Grand County	Grand County Stream flow Management Plan	May-08	\$100,000.00	\$0.00	100,000	Study/Analysis of Non-consumptive needs/project	C150461	\$100,000							
Colorado Basin Total Request					480,171	\$150,000	630,171										
Number of Projects		5															
Southwest		San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition	Mar-07	0	\$1,000,000	1,000,000	Structural Water Project – Land Acquisition for Reservoir Site	C150408	\$1,000,000	\$8,100,000		12/31/25	In Progress	Rick		
Southwest		Town of Sawpit	Town of Sawpit – Engineering/Planning for Domestic Water System; Southwest Basin	Mar-08	25,000		25,000	Study Structural Project	9000000006	\$25,000	\$6,700						
Southwest		Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	39,300	\$0	39,300	Environmental/Technical feas. studies & studies/analysis of structural &/or non structural wtr project or activity	9000000085	\$39,300	\$0		08/31/10	In Progress	Kirk		
Southwest		Town of Silverton	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	95,000	\$0	95,000	Structural Project	9000000143		\$1,100,000						
Southwest		Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	100,000	\$0	100,000	Analysis and Construction of Structural Nonconsumptive Water Project	C150450		\$284,000		06/30/10	Rolled	In Progress	Greg	
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	Technical Assistance for Feasibility Studies; Study & Implementation of a Structural, Consumptive Water Project	9000000115		\$300,000						

Metro	Arapahoe, Adams Weld	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	80,000	\$0	80,000	Studies or analysis of structural, consumptive water projects	C150447	\$160,000	\$13,000		06/30/11	In Progress	Greg
Metro Basin Total Request					273,587	\$0	273,587								
Number of Projects		3													
North Platte		Town of Walden	Town of Walden Water Supply Improvement Project	Jul-08	385,000	\$0	385,000	Structural &/or Non-structural water project or activity	C150431	\$385,000	\$0		06/30/10	In Progress	Todd
			Effects of Mtn pine beetle & forest mgmt on water quantity, quality, & forest recovery N.P. and Upper CO River basins												
North Platte		USFS	River basins	Sep-08	212,306	\$164,618	376,923	Studies or analysis of nonstructural project or activity	C150440	\$376,923	In-Kind		06/30/13	In Progress	Greg
			Identification and assessment of important wetlands in N.P. River watershed					Studies or analysis of nonconsumptive water needs project or activity							
North Platte		CSU		Sep-08	86,000	\$96,000	182,000		C150433	\$182,000	\$10,000		06/30/10	In Progress	Todd
			Monitoring the effects of weather conditions on the evapotranspiration in N.P. Basin					Studies or analysis of consumptive water needs project or activity							
North Platte		Colorado Climate Center--CSU		Sep-08	50,409	\$50,409	100,818		C150438	\$100,818	Volunteer			In Progress	Greg
								Environmental compliance and feasibility study. Technical assistance regarding permitting, feasibility studies, and environmental compliance.							
North Platte	Jackson	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program – Phase I	May-10	\$20,000	\$0	\$20,000		10000000126	\$20,000	\$ 41,338		6/30/2011	In Progress	Greg
North Platte Basin Total Request					753,715	\$311,027	1,064,741								
Number of Projects		5													
Rio Grande		San Luis Valley Irrigation District	Preliminary Design Multi-use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07	0	\$288,000	288,000	Study/Design for Structural Water Project	C150402	\$288,000	\$0		06/30/10	In Progress	Kirk
Rio Grande		Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08	50,000	\$141,700	191,700	Studies or analysis of nonstructural project or activity. Structural and/or nonstructural water project or activity	C-150443		\$18,300		06/30/11	In Progress	Kirk
Rio Grande		Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08	35,000	\$250,000	285,000	Structural and/or nonstructural water project or activity	C150452		\$356,000		12/31/12	In Progress	Chris S.
Rio Grande		Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08	50,000	\$200,000	250,000	Structural and/or nonstructural water project or activity	C150448	\$250,000	\$250,000		06/30/11	In Progress	Kirk
Rio Grande		Manassa Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08	50,000	\$333,700	383,700	Structural and/or nonstructural water project or activity	C150446	\$383,700	\$98,000		06/30/10	In Progress	Chris S.
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	Structural and/or nonstructural water project or activity	C150437	\$100,000	\$0		06/30/10	In Progress	Kirk
								Environmental compliance & feasibility study, technical assist regarding feasibility studies & environmental compliance, analysis of consumptive & nonconsumptive water projects							
Rio Grande		Colorado Rio Grande Restoration Foundation	Rio Grande Conservation Reserve Enhancement Program (CREP) Phase II - Implementation	Sep-09	31,500	\$0	31,500		10000000056		\$0		06/30/11	In Progress	Greg
Rio Grande		Trinchera Irrigation Company	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09	\$104,000	\$150,000	254,000	Structural and/or nonstructural water project or activity	C150458	\$254,000	\$46,500		07/31/11	In Progress	Greg
Rio Grande Basin Total Requests					420,500	\$1,363,400	1,783,900								
Number of Projects		8													
South Platte		District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sept-07	176,000	\$0	176,000	Study/Analysis of Structural Water Project	C150417	\$176,000	\$1,000,000		06/30/10	In Progress	Todd/Kirk
South Platte		Northern Colorado Water Conservancy District	Stage Discharge Data Loggers and Telemetry	Jan-08	48,800	\$0	48,800	Structural Activity	8000000120	\$48,800			10/30/08 Rolled	In Progress	Todd
South Platte		Clear Creek County on behalf of Upper Mountain Counties Water Needs Consortium	Upper Mountain Counties Water Needs Assessment	May 2008	130,763	\$0	130,763	Study/Analysis	C150429		See Metro		06/30/10 112/31/10	In Progress	Eric
South Platte		Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	42,110	\$0	42,110	Structural water project or activity	9000000063	\$42,110	\$160,000		07/31/11	In Progress	Todd
South Platte		Ducks Unlimited	S.P. Water protection and restoration	Sep-08	0	\$825,552	825,552	Structural and/or nonstructural water project or activity	C150432	\$825,552	\$2,000,000		06/30/10	In Progress	Todd
								Studies or analysis of nonstructural project or activity							

South Platte		Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	42,110	\$0	42,110	Structural water project or activity	9000000063	\$42,110	\$160,000		07/31/11	In Progress	Todd
South Platte		Ducks Unlimited	S.P. Water protection and restoration	Sep-08	0	\$825,552	825,552	Structural and/or nonstructural water project or activity	C150432	\$825,552	\$2,000,000		06/30/10	In Progress	Todd
South Platte		The Nature Conservancy of Colorado	Arickaree River Well retirement program, Republican River basin, CO.	Sep-08	19,984	\$79,936	99,920	Studies or analysis of nonstructural project or activity. Structural and/or nonstructural water project or activity	09000000084	\$99,920	\$471,920		12/31/09	Rolled	Randy/Todd
South Platte		City of Greeley	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	25,435	\$76,305	101,740	Environmental compliance/Technical Assistance/Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs projects	C150436	\$101,740	\$271,109		06/30/10	In Progress	Eric
South Platte		Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	80,000	\$0	80,000	Studies or analysis of structural, consumptive water projects	C150447		See Metro		06/30/11	In Progress	Greg
South Platte		Ducks Unlimited, Inc.	Central South Platte Wetland Partnership	Mar-09	150,000	\$0	150,000	Environmental Compliance and Feasibility Study and Structural Water Project	C150454		\$565,000			In Progress	Greg
South Platte		Fort Morgan Reservoir and Irrigation Company (FMRICo)	FMRICo Recharge & Wetlands Project	Sep-09	\$250,000	\$420,000	\$670,000	Structural and/or nonstructural water project or activity	C150464	\$670,000				In Progress	Todd
South Platte Basin Total Request					923,092	\$1,401,793	2,324,885								
Number of Projects		10													
Y/W/G		City of Grand Junction	Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)	Mar-07	0	\$150,000	150,000	Study of consumptive water needs associated with energy development in the Colorado, White and Yampa river basins	C150407	\$300,000	\$0		12/31/10	In Progress	Eric
YWG		Moffat County	Agricultural Water Needs Assessment	Jan-08	201,410	\$0	201,410	Study or analysis of structural/nonstructural and consumptive/nonconsumptive needs	C150418	\$201,410	\$0		12/31/10	In Progress	Eric
YWG		City of Steamboat Springs and Routt County	Common Data Repository	Jan-08	106,600	\$0	106,600	Study or analysis of consumptive/nonconsumptive needs	C150423	\$106,600	\$50,000		6/31/10	In Progress	Todd
Y/W/G		Town of Yampa	Town of Yampa Water Facilities Plan and storage tank upgrades	Sep-08	61,062	\$0	61,062	Studies or analysis of structural and consumptive water needs projects or activity. Structural and/or nonstructural water project or activity	90000000090		\$15,626		06/30/10	In Progress	Todd
Y/W/G		Moffat County	Sandwash basin coalbed methane production depletive effects on water resources	Sep-08	20,000	\$98,835	118,835	Studies or analysis of consumptive water needs project or activity	C150435		\$2,000		06/30/11	In Progress	Eric
Y/W/G		Community Agriculture Alliance, Inc.	Development and Implementation of Water Forums, Workshop, and/or Tours	Sep-09	10,000	\$0	10,000	Study or analysis of structural, non structural, consumptive, water needs and projects	10000000046		\$2,675		06/30/11	In Progress	Jacob
Y/W/G Basin Total Request					399,072	\$248,835	647,907								

WSRA Open Grant Projects - Approved by the Board - Not Yet Contracted								Updated 06/30/10	
Basin	County	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Account Approved	Total Request	Type of Water Activity	PM
2010 May Board Approvals									
Arkansas	El Paso	El Paso County Water Authority/The Keystone Center	Flaming Gorge Project Task Force Assessment	May-10	\$20,000	\$0	\$20,000	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs and project	Jacob
Metro	El Paso	El Paso County Water Authority/The Keystone Center	Flaming Gorge Project Task Force Assessment	May-10	\$20,000	\$0	\$20,000	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs and project	Jacob
Gunnison Basin	Gunnison	Gunnison River Festival	75 Ditch Diversion Improvements and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Structural project or activity	Todd
Gunnison Basin	Gunnison	Lake San Cristobal Water Activity Enterprise (LSCWAE)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Structural project or activity	Todd
Rio Grande	Alamosa	The Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$98,000	\$148,000	Structural and nonstructural project or activity. (Note: Statewide request to be considered at September board meeting)	Greg
Rio Grande	Saguache, Rio Grande, Conejos, Archuleta, Alamosa, Hinsdale, Costilla	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Nonstructural project or activity	Jacob
Rio Grande	Costilla	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10	\$40,000	\$0	\$40,000	Structural project or activity	Greg
2010 January Board Approvals									
Yampa/White/Green	Rio Blanco/Garfield/Moffat	Yellow Jacket Water Conservancy District	Water Storage Feasibility	Jan-10	\$220,800	\$0	\$220,800	Technical assistance regarding permitting, feasibility studies, and environmental compliance. Study of Structural Project	Jacob
Yampa/White/Green	Rio Blanco/Garfield/Moffat	The Nature Conservancy	Yampa White Basin Non consumptive Needs Assessment Watershed Flow Evaluation Tool	Jan-10	\$169,002.35	\$0.00	\$169,002	Study/analysis of nonconsumptive water project or activity	Jacob
2009 November Board Approvals									
Southwest	All Counties in SW Basin	Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Study/analysis of nonstructural consumptive water project or activity	Todd
2009 September Board Approvals									
Arkansas	Pueblo	City of Pueblo	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Sep-09	\$40,000	\$185,000	\$225,000	Study or analysis of structural, non structural, nonconsumptive water needs, projects	Todd
Metro		South Metro	Aquifer Recharge Pilot Study	Sep-09	\$0	\$425,000	\$425,000	Study or analysis of consumptive water project or activity	Jacob
Metro		Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$175,000	\$500,000	\$675,000	Technical assistance regarding permitting feasibility studies and environmental compliance; and study or analysis of structural project or activity	Jacob
		Mineral County							

2009 November Board Approvals									
Southwest	All Counties in SW Basin	Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Study/analysis of nonstructural consumptive water project or activity	Todd
2009 September Board Approvals									
Arkansas	Pueblo	City of Pueblo	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Sep-09	\$40,000	\$185,000	\$225,000	Study or analysis of structural, non structural, nonconsumptive water needs, projects	Todd
Metro		South Metro	Aquifer Recharge Pilot Study	Sep-09	\$0	\$425,000	\$425,000	Study or analysis of consumptive water project or activity	Jacob
Metro		Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$175,000	\$500,000	\$675,000	Technical assistance regarding permitting feasibility studies and environmental compliance; and study or analysis of structural project or activity	Jacob
Rio Grande		Mineral County Fairgrounds Association	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Structural and/or nonstructural water project or activity	Greg
Southwest	La Plata	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	Study or analysis of non structural, nonconsumptive water needs and projects	Greg
Yampa/White	Garfield,Routt	Bear River Reservoir Company	Stillwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Structural and/or nonstructural water project or activity	Jacob
2009 July Board Approvals									
Southwest	San Miguel	Town of Sawpit	Domestic Water System Construction	Jul-09	\$25,000	\$0	\$25,000	Structural water project or activity	Greg
2008 September Board Approvals									
Colorado	Garfield	USFS	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Structural and/or non structural water project or activity	Eric
Metro/South Platte		Water Reuse Foundation	Demonstration of membrane zero liquid discharge process for drinking water systems (\$50,000 Metro Basin Fund Contribution)	Sep-08	\$50,000	\$233,333	\$283,333	Technical assistance regarding permitting feasibility studies and environmental compliance	Greg
2008 March Board Approvals									
Colorado	Grand County	East Grand Water Quality Board	Fraser Sedimentation Basin	Mar-08	\$60,000.00	\$127,900.00	\$187,900.00	Structural Water Project	Greg

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Applicant/Borrower	Project	County	Loan/Grant Amount	Size	Annual Yield (AF)	New Storage (AF) Created	Design Percent Compl.	Construction		
								Start	End	Percent Compl.
East Mancos Highline Ditch Company	Ditch Rehabilitation Project - Pipeline	Montezuma	\$ 904,000	30,360 LF	869		100%	Nov-07	Nov-09	100%
Headgate 135 Lateral, Inc.	Ditch Rehabilitation - Pipeline	Mesa	\$ 262,200	4,800 LF	1,000		100%	Oct-08	Nov-09	100%
Silt Water Conservancy District	System Rehabilitation Project	Garfield	\$ 1,019,700	18,000 AF	18,000		100%	Nov-05	Dec-09	100%
WRCC, Inc.	Windsor Dam and Spillway Rehabilitation	Larimer	\$ 1,285,730	35,000 AF	35,000		100%	Jun-08	Dec-09	100%
Granby Ditch and Reservoir Company	Granby No. 12 Dam Rehabilitation Project	Delta	\$ 254,520	838 AF	2,000	250	100%	Jun-09	Mar-10	100%
Water Supply and Storage Company	Ditch and Outlet Rehabilitation	Larimer/Weld	\$ 843,500	100 L.F.	55,000		100%	May-09	Apr-10	100%
Wood Lake Mutual Water and Irrigation Company	Angel Lake Outlet Repair	Weld	\$ 212,706	424 AF	848	100	100%	Sep-08	Jun-10	100%
Aurora, City of	Raw Water Distribution System	Adams/Douglas	\$ 75,750,000	33 miles	10,000		100%	Jan-08	May-10	100%
Central Colorado Water Conservancy District	Water Rights and Gravel Pit Construction	Adams/Weld	\$ 20,000,000	12,300 AF	12,300		100%	Nov-03	Jun-10	100%
Center of Colorado Water Conservancy District	Tingle Reservoir Construction	Park	\$ 454,500	400 AF	400	400	100%	Sep-08	Oct-09	100%
Total =			\$ 100,986,856	Total =	135,417	750				
Grand Mesa Reservoir Company	Grand Mesa Reservoir No. 1 & 9 Rehabilitation	Mesa	\$ 200,000	1,000 AF	1,000	200	100%	Jul-03	Jun-10	75%
New Cache La Poudre Irrigation Company	Construct 2 New Reservoirs and Pipeline	Weld	\$ 7,200,000	4,500 AF	4,500	4,500	100%	Jun-05	Jan-14	99%
Orphan Wells of Wiggin, LLC	Well Augmentation Project	Morgan	\$ 1,037,700	6,000 AF	6,000		100%	Nov-03	On-hold	95%
Parker Water and Sanitation District	Rueter-Hess Reservoir Project	Douglas	\$ 15,000,000	16,200 AF	16,200	16,200	100%	Jul-04	Oct-10	75%
Mancos Water Conservancy District	Inlet and Outlet Canal Rehabilitation	Montezuma	\$ 5,486,531	15,840 LF	9,000		75%	Jan-04	Jan-14	70%
Upper Arkansas Water Conservancy District	Reservoir Rehabilitation	Chaffee/Custer	\$ 3,520,000	500 AF	500	200	100%	Jun-05	Sep-10	99%
Union Ditch Company	Well Augmentation Project	Weld	\$ 312,595	206 AF	206		75%	Sep-06	Sep-10	80%
Bijou Irrigation District	Empire Reservoir Rehabilitation - Dam Rehab.	Morgan/Weld	\$ 2,408,850	19,900 AF	19,900	2,682	100%	Nov-07	Feb-11	85%
Lower Poudre Augmentation Company	Reservoir and Water Rights Purchase	Larimer/Weld	\$ 3,104,053	657 AF	657		100%	Oct-07	Dec-10	65%
Bull Creek Reservoir Company	Reservoir Rehabilitation Project	Mesa	\$ 1,212,000	900AF	900	900	100%	Jul-08	Oct-10	95%
Overland Ditch and Reservoir Company	Overland Reservoir Rehabilitation	Delta	\$ 1,130,000	6,200 AF	17,000	971	95%	May-08	Fens	5%
Montezuma Valley Irrigation Company	May Lateral Pipeline	Montezuma	\$ 5,292,400	5 Miles	128,000		100%	Nov-07	Jul-10	99%
Platte Valley Irrigation Company	Equalizer Reservoir Project	Weld	\$ 2,388,650	431 AF	52,401	431	100%	Nov-10	May-11	5%
Greeley Irrigation Company	Greeley Canal No. 3 Rehabilitation	Wled	\$ 2,233,867	18,000 AF	18,000		90%	Feb-08	Sep-10	90%
Henrylyn Irrigation District	Horse Creek & Prospect Reservoir Rehabilitation	Weld	\$ 2,184,327	13,850 AF	13,850	3,000	100%	Nov-08	Sep-10	85%
New Salida Ditch Company	Ditch Rehabilitation	Chaffee	\$ 365,620	300 L.F.	7,000		100%	Oct-09	Nov-10	95%
Farmers Pawnee Canal Company	Ditch Flow Control Structures	Logan	\$ 227,250	27,260	27,260		100%	Oct-08	Aug-10	95%
North Sterling Irrigation District	North Sterling Reservoir Rehabilitation	Logan	\$ 1,094,840	74,590 AF	82,207		100%	Sep-09	Jul-10	95%
Republican River Water Conservation District	Compact Compliance Pipeline	NE. Colo	\$ 60,600,000	15,000 AF	15,000		90%	Nov-08	Nov-11	5%
Ogilvy Augmentation Company	Well Augmentation	Weld	\$ 1,010,808	60 AF	60		60%	Dec-08	Sep-10	80%
Boulder White Rock Ditch and Reservoir Company	Panama Reservoir Outlet Rehabilitation	Boulder/Weld	\$ 2,864,164	300 L.F.	12,000	2,600	100%	Oct-09	Aug-10	95%
Snowmass Water and Sanitation District	Zeigler Reservoir Water Management System	Pitkin	\$ 1,952,805	1,800 AF	1,800		100%	Sep-09	Sep-10	90%
Farmers Reservoir and Irrigation Company	Milton Reservoir and Barr Lake Improvement Proj.	Adams/Weld	\$ 3,535,000	64,900 AF	125,000		100%	Oct-09	Jan-11	35%
Raymond Dairy, Incorporated	Robert Raymond Concrete Ditch Reconstruction	Mesa	\$ 63,950	2,500 L.F.	386		100%	Nov-09	Aug-10	95%
Lower Latham Reservoir Company	Well Augmentation Project	Weld	\$ 3,811,573	5,705 AF	5,705		100%	Nov-09	May-11	40%
Trinchera Reservoir Company	Smith Reservoir Rehabilitation Project	Costilla	\$ 606,000	5,000 AF	26,700	1,100	100%	Nov-09	Sep-10	95%
WRCC, Inc.	Cobb Lake Inlet Structure Rehabilitation	Larimer	\$ 1,301,890	35,000 AF	35,000		90%	Sep-10	Dec-10	10%
Town of Gypsum	LEDE Ditch and Reservoir Rehabilitation	Eagle	\$ 2,689,731	685 AF	1,200	254	80%	Jun-10	Nov-11	2%
Lake Canal Reservoir Company	South Gray Reservoir Rehabilitation/Gray No. 3	Larimer	\$ 393,300	1,120 AF	1,120	165	80%	Sep-10	Feb-11	0%
Pagosa Area Water and Sanitation District	Dry Gulch Reservoir Land Acquisition	Archuleta	\$ 11,217,060	35,000 AF	35,000	35,000	n/a	Nov-08	Mar-20	n/a
Total =			\$ 144,444,964	Total =	663,552	68,203				

Colorado Water Conservation Board
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Applicant/Borrower	Project	County	Loan/Grant Amount	Size	Annual Yield (AF)	New Storage (AF) Created	Design Percent Compl.	Construction		Percent Compl.
								Start	End	
Supply Irrigating Ditch Company	Knoth Reservoir Dam Rehabilitation	Boulder	\$ 1,515,000	4,800 AF	4,800	400	95%	Jan-10	On-hold	0%
Owl Creek Reservoir Company	Owl Creek Reservoir Rehabilitation	Weld	\$ 1,125,000	1200 AF	1,200	1,200	99%	Jul-10	On-hold	0%
Southeastern CO Water Conserv. District	Arkansas Valley Conduit	Crowley	\$ 60,600,000	138 Miles	6,555		25%	Nov-10	May-12	0%
Penrose Water District	Water Rights Purchase and Pipeline Installation	Fremont	\$ 8,844,570	30,624 LF	339		65%	Oct-10	Sep-11	0%
Seven Lakes Reservoir Company	Railroad Crossing	Weld	\$ 772,842	7,796 AF	7,796		95%	Sep-10	May-11	0%
Duel and Snyder Improvement Company	Diversion Structure Rehabilitation	Morgan	\$ 90,900	4,590 AF	4,590		25%	Sep-10	On-hold	0%
South Metro Water Supply Authority	Raw Water Delivery - Capacity Purchase	Adams/Denver	\$ 5,090,400	10,750 AF	10,750		100%	Sep-10	May-11	0%
Louden Irrigating Canal and Reservoir Company, Inc.	Rist Benson Reservoir Rehabilitation	Larimer	\$ 263,210	491 AF	2,000	150	50%	Sep-10	May-11	0%
Town o f Dillon	Old Dillon Reservoir Enlargement	Summit	\$ 1,515,000	286 AF	321	140	99%	Sep-10	May-11	0%
Joseph W. Bowles Reservoir Company	Bowls No. 1 Dam Rehabilitation	Jefferson	\$ 1,703,870	2,062 AF	900		99%	Aug-10	Feb-11	0%
Riverside Reservoir and Land Company	Riverside Reservoir Spillway Enlargement	Weld	\$ 2,838,100	64,000 AF	105,000		50%	Sep-10	May-11	0%
Fort Morgan Reservoir and Irrigation Company	Pipeline Project - Augmentation Retiminig	Morgan	\$ 1,494,800	15,840 L.F.	37,058		99%	Sep-10	May-11	0%
Riverside Ditch and Allen Extension Company	Ditch System Rehabilitation	Chaffee	\$ 186,345	3,250 LF	3,260		80%	Jul-10	On-hold	0%
City of Monte Vista	Augmentation Water Rights Acquisition	Rio Grande	\$ 1,693,770	321 AF	1,212		50%	Oct-10	May-11	0%
Parkville Water District	Canterbury Tunnel Repair	Lake	\$ 1,838,200	250 LF	1,086		75%	Oct-10	May-11	0%
Las Animas Consolidated Canal Company	Diversion Structure Rehabilitation	Bent	\$ 77,265	26,000 AF	26,000		75%	Oct-10	May-11	0%
Consolidated Extension Canal Company	Diversion Structure Rehabilitation	Bent	\$ 180,285	26,000 AF	26,000		75%	Oct-10	May-11	0%
Huerfano-Cucharas Irrigation Company	Cucharas Reservoir Rehabilitation	Pueblo	\$ 1,622,060	35,395 AF	3,000	7,500	50%	De-author.	De-author.	0%
Total =			\$ 91,451,617	Total =	241,867	9,390				

= Reservoir projects that created new storage, either by new construction, dredging or by the removal of a SEO restriction.

Projects under Construction

1. Grand Mesa Reservoir Company – Rehabilitation of Reservoir No. 1 and No. 9

Authorization: Construction Fund	County: Mesa
Water Source: Gunnison	Project Yield: 1,000 Acre-Feet
Terms of Loan: \$200,000@ 2.4% for 20-years	Project Type: Reservoir Rehabilitation

The Grand Mesa Reservoir Company operates 6 reservoirs on the Grand Mesa to supply water to 16 shareholders for the irrigation of 500 acres. This project involves the replacement of the outlet structures at each reservoir and also addresses seepage problems at each facility. The project was designed by the City of Grand Junction, one of the major shareholders, and is currently being constructed by the City of Grand Junction. The outlet structures have been installed and the seepage problem corrected at both reservoir locations. The City of Grand Junction is draining the two reservoirs to install the new outlet gates. The project has been on hold pending resolution of construction and water rights issues between the City and the Company. These issues have recently been resolved, with the final phase of the project scheduled to commence construction during the summer of 2010.

2. New Cache La Poudre Irrigation Company – Reservoir Construction

Authorization: Construction Fund	County: Weld
Water Source: South Platte	Project Yield: 4,500 acre-feet
Terms of Loan: \$7,200,000 @ 2.50% for 30-years	Project Type: New Reservoir

The New Cache La Poudre Irrigation Company currently provides irrigation water to a 35,000-acre service area. The purpose of this project is to provide water storage to equalize ditch flows, to improve efficiency and the reliability of the Company's system, and for providing additional storage to meet future demands. The project will involve the construction of 3 separate reservoirs near the Town of Barnesville, Colorado, totaling 4,500 acre-feet of storage. Additionally, 8,200 linear feet of pipeline will be installed in construction with the reservoirs. Smith Geotechnical, Fort Collins, Colorado is the project designer. The Barnesville Reservoir project was awarded to Barker Construction, Fort Collins, Colorado and has been completed. The pump station from Barnesville Reservoir to Cornish Reservoir has been completed as well. The design for Cornish Reservoir has been completed and has been awarded to Barker Construction, Fort Collins, Colorado for construction. The Contractor has completed the work and is waiting on final SEO approval. The Company requested that CWCB's cost participation be changed from 75% to 89% to allow the full \$7,200,000 of loan funds to be released, which was approved at the September 2007 Board Meeting. The project will remain open until the land purchased to construct Cornish Reservoir is paid off in 2021.

3. Orphan Wells of Wiggins – Augmentation Project

Authorization: Construction Fund	County: Morgan
Water Source: South Platte Basin	Project Yield: 6,000 acre-feet
Terms of Loan: \$1,037,700 @ 2.5% for 30-years	Project Type: Well Augmentation

The Orphan Wells of Wiggins is a new company comprised of 31 separate agricultural operators that own 45 wells which irrigated approximately 4,500 acres of farmland. This project involves the construction of 1 recharge well, 1 augmentation well, various pipeline, and 23 recharge ponds. The project will generate augmentation credits to cover the depletions for the 45 existing wells. The

project is currently 90% complete. The project has changed from its original scope to include additional piping and recharge sites. Additionally, the Company has purchased several Riverside Ditch shares that will improve augmentation efforts. The Company was approved for an increase of \$200,000 at the November 2006 Board Meeting to complete the additional recharge sites and for the purchase of the Riverside Ditch shares. These funds have not been distributed. The Company elected to decline presenting its case in court last year, given strong objectors and the lack of senior water in its augmentation plan. Based on that decision the Company will not be able to operate and are currently in the process of dissolving the Company. CWCB is currently working with a few interested parties in purchasing the Company assets, which would be used to pay off or pay down the Company's existing debt with CWCB. Staff has met with the board members and they agreed to substantially complete the project and put the project in repayment. They have requested that the interest that has accumulated be forgiven, which staff has denied given the precedent it would make and project history. Staff did meet with the Company's Board Members in March 2010. The Board is currently pursuing the sale of 10 shares of Riverside Ditch and the augmentation project itself to hopefully generate sufficient revenue to pay off their \$900K loan with CWCB. There are a number of parties interested in purchasing Orphan Wells of Wiggins assets. Hopefully by the September 2010 Board Meeting staff will have something concrete to report.

4. Parker Water and Sanitation District – New Reservoir Construction

Authorization: Construction Fund	County: Douglas
Water Source: Cherry Creek	Project Yield: 16,200 acre-feet
Terms of Loan: \$15,000,000 @4.75% for 20-years	Project Type: Reservoir Construction

The Parker Water and Sanitation District is currently in the design phase to construct the Rueter Hess Project for the storage of municipal water for its 7,924 customers. The new reservoir will provide terminal storage for use within the District's existing 8,596-acre service area. The reservoir will be located 3 miles southwest of Parker on Newline Gulch. The proposed reservoir will be a Class I structure, 135 feet high, impounding approximately 16,200 acre-feet of water. GEI Consultants, Denver, Colorado, will be putting together the final design and construction documents. Major land purchases have been completed and the Rueter Hess Reservoir and other related project activities are currently under construction. The entire project is anticipated to be completed by the fall/winter of 2008. Parker Water has approved the expansion of the reservoir to accommodate the requested needs of other water users in the area (Castle Rock and Castle Pine North). The foundation work on the reservoir was expanded to accommodate this potential enlargement. The District is currently constructing the reservoir expansion. The final storage capacity of the reservoir will be approximately 72,000 acre-feet. There has not been a disbursement on this loan since 2004. To-date Parker Water has received \$2,800,250 in disbursements on its \$15M loan, and has recently requested their remaining loan balance.

5. Mancos Water Conservancy District - Canal Rehabilitation

Authorization: Severance Tax Perpetual Account	County: Montezuma
Water Source: West Mancos River	Project Yield: 9,000 acre-feet
Terms of Loan: \$5,486,531 @2.80% for 30-years	Project Type: Canal Rehabilitation

The Mancos Water Conservancy District supplies irrigation and municipal water within a 13,496 acre service area. The District's carriage facility is over 50-years old and the U.S. Bureau of Reclamation has recommended rehabilitation of the inlet and outlet canals. The proposed project is to rehabilitate inlet and outlet canals to the Jackson Gulch Reservoir and to replace its operational shops and headquarters. The District's goal is to have the entire project completed by

2014. The District has performed test sections with various lining materials to assist in determining the final design package for the ditch rehabilitation. The District has been in the process of asking the Federal Appropriations Committee for \$6,200,000 in grant funds to assist in completing the project, which was approved in March of 2009. The District is currently working on securing the funds by the end of 2009. They are anticipating a \$2,600,000 appropriation for 2010. If the grant funds are secured the overall project is scheduled for completion in January of 2014. The District did undertake the rehabilitation of the critical portion of their ditch system last summer, involving the construction of retaining walls and access road along the ditch. For this summer the District is currently in the bid process for another critical section of the ditch. Construction is anticipated to commence in August of 2009. Approximately \$1.6M in federal dollars was appropriated for the project in September of 2009, which will be available in 2010.

6. Upper Arkansas Water Conservancy District – N. Fork Reservoir Rehabilitation

Authorization: Severance Tax Fund
 Water Source: N. Fork of S. Arkansas
 Terms of Loan: \$3,520,000 @ 3.50% for 30 yrs.

County: Chaffee/Custer/Fremont
 Project Yield: 500 acre-feet
 Project Type: Reservoir Rehabilitation

The UAWCD has operated the North Fork Reservoir since 1979 for domestic, municipal, industrial, recreational, and augmentation water supply. The reservoir is at elevation 11,400 feet and is located approximately 10 miles from Maysville on the North Fork of the South Arkansas River. This project involves replacement of the outlet gate, improved access, increased spillway capacity, seepage control, and raising the dam 15-feet to achieve a storage capacity of 500 acre-feet. The project is located on Forest Service property, which required a special use permit and an environmental assessment prior to construction. The project was awarded to ASI, Buena Vista, Colorado, who commenced construction in August of 2006 and completed the work in May of 2007. The District will not be pursuing enlargement of the reservoir, due to issues associated with the Forest Service and the NEPA process. The District is currently working on remote monitoring equipment for North Fork Reservoir, and the NEPA process to continue operating at historic levels. The overall project is anticipated to be completed by July of 2010.

7. Union Ditch Company – Well Augmentation Project

Authorization: Severance Tax Trust Fund
 Water Source: South Platte River
 Terms of Loan: \$312,595 @2.50% for 320-years

County: Weld
 Project Yield: 206 acre-feet
 Project Type: Well Augmentation

The Union Ditch Company provides irrigation water to an area of 5,500 acres east of the Town of LaSalle and south of Greeley. The Union Ditch Company has filed application for an augmentation plan to provide replacement water for 40 junior wells owned by the shareholders, formerly serviced by GASP. This project involves the development of 3 recharge ponds, placement of flow measurement devices, and headgate structures into the ponds. The ponds will be filled by gravity flow from the Union Ditch. Union Ditch Company is currently constructing one recharge pond at the Miller Feedlot Site with an accompany diversion structure on the Union Ditch. The overall augmentation efforts are anticipated to be completed by September of 2010, which has required a time extension to their loan contract.

8. Bijou Irrigating District – Empire Reservoir Rehabilitation Project

Authorization: Severance Tax Fund
 Water Source: South Platte River
 Terms of Loan: \$4,454,100@2.25% for 30 yrs.

County: Morgan/Weld
 Project Yield: 19,900 acre-feet
 Project Type: Reservoir Rehabilitation

The District is a statutory Irrigation District (1905) and owns and operates Empire Reservoir located west of Fort Morgan in Weld and Morgan Counties. It is an off-stream reservoir primarily impounded by four separate dams constructed in about 1905. Water is diverted from the South Platte River through the Empire Intake Ditch. The water storage rights are 37,709 acre-feet and there is one refill right. The water storage at gage height (GH) 30.0 is 36,142 AF. The reservoir has been re-restricted to a GH 29.0 by the SEO due to wind erosion problems along the east embankment. The proposed project consists of repairing failed sections of parapet walls, removing trees along the upstream toe of the dam, and adding additional riprap slope stabilization along the East Dike Embankment. This will allow the reservoir to be filled to its full gage height. The one-foot increase in storage height will result in 2,682 AF of recovered storage. The District has completed the 1st phase of the East Dike, which involved the reconstruction of approximately 8,500 feet of dam embankment. The remaining 4,000 feet of dike improvement will be completed during the fall/winter of 2009/2010. Given the increased cost of fuel and materials the loan contract was increased from \$2,408,500 to \$4,454,100 at the November 2008 Board Meeting. The District is approximately 85% complete with the 2nd phase of the East Dike.

9. Lower Poudre Augmentation Company – Reservoir and Water Rights Purchase

Authorization: Severance Tax Fund
 Water Source: South Platte
 Terms of Loan: \$3,104,053@2.50% for 30 yrs.

County: Larimer/Weld
 Project Yield: 657 acre-feet
 Project Type: Reservoir & Water Rights

The Lower Poudre Augmentation Company (LPAC) is a non-profit company that was incorporated in 2004, by the New Cache La Poudre Irrigating Company (2/3 interest) and the Cache La Poudre Reservoir Company (1/3 interest). There are 88 wells owned by 35 individuals/entities and the augmentation demands are approximately 3200 AF. The LPAC has filed for a permanent Augmentation Plan, and has operated on a Substitute Water Supply Plan for 3-4 years. LPAC proposes to purchase the Timnath Flatiron Reservoir, and 4.5 shares of Boxelder Ditch, and construct the necessary improvements to utilize the reservoir for augmentation purposes. The reservoir currently has a storage capacity of approximately 657 AF, with a depth of 12-15 feet. The reservoir area was mined for sand and gravel and lined with clay once mining was complete. The reservoir has received SEO certification as a lined gravel pit storage facility. The Company has purchased the reservoir and water rights and is currently completing the design for the reservoir structural improvements.

10. Bull Creek Reservoir Canal and Power Company – Reservoir Rehabilitation

Authorization: Severance Tax Fund
 Water Source: Colorado River
 Terms of Loan: \$1,212,000@ 2.5% for 30 yrs.

County: Mesa
 Project Yield: 900 acre-feet
 Project Type: Reservoir Rehabilitation

The Bull Creek Reservoir, Canal and Power Company are located in Mesa, Colorado, and have a service area of approximately 800 acres. The Company operates the Bull Creek Reservoirs that provide irrigation water to shareholders. The Company plans to repair and enlarge Reservoir No.

4. This will remove the current restriction on the reservoir and provide additional storage necessary to store the Company's decreed rights. The Company has a Stipulation and Agreement with the SEO that requires the Company to repair Reservoir No. 4 in order to avoid abandonment of a portion of the senior water rights. The Project is located on the US Forest Service property and will require a Special Use Permit for access roadway work and dam construction. The reservoir is remote and located at 10,000 feet elevation and will require special mobilization techniques. This project was previously approved by the Board in 2006, but has been re-scoped to address SEO concerns and higher than previously anticipated construction costs. The Company received SEO approval in August of 2008. The contractor, Geer-up-Construction, has completed the outlet works, seepage control, and is 75% completed with the reconstruction of the dam embankment. Work was suspended in October of 2008 due to weather. The contractor negotiated a new contract with the Company to finish the remaining work in the summer of 2009. The Company elected to release the current engineering firm and has negotiated a new contract with Vista Engineer, Grand Junction, Colorado to finish the project. Geer-up-Construction mobilized on-site in July of 2009 and was forced to shut down in late October due to winter conditions. The contractor was not able to complete the project. The remaining items to be finished are: spillway cutoff wall and rip rap, minor rip rap placement along the upper dam face, monitoring devices, final grading of the dam crest, re-vegetation, and cleanup. The SEO will allow the dam to fill in the spring, with the remaining construction items to be completed in the summer of 2010. The total dollar amount of work left to be finished is estimated at \$100,000. The Board approved a loan increase of approximately \$250,000 to the Company at the September 2009 Board Meeting. The project is 95% complete. The Company is currently addressing a claim/complaint from the Contractor and a lien from a supplier. Much more to follow.

11. Overland Ditch and Reservoir Company – Reservoir Rehabilitation

Authorization: Severance Tax Fund	County: Delta
Water Source: Cow Creek	Project Yield: 17,000 AF
Terms of Loan: \$1,130,000@ 2.5% for 30 yrs.	Project Type: Reservoir Rehabilitation

The Overland Ditch and Reservoir Company's 120 members own and operate the Overland Reservoir, located in Delta County in the Gunnison National Forest at elevation 10,000-ft. This project involves increasing the current reservoir capacity from 6,200 AF to 7,171 AF, raising the spillway elevation 3.8 feet, installing toe drains, increasing the dam crest width, and additional embankment protection. The Overland Ditch Company shareholders at their August 2006 Board Meeting, approved increasing the capacity of the reservoir. The project is currently under design, with construction on-hold until fens can be addressed on-site. High altitude fens on the Grand Mesa have become a significant issue and staff is currently working with area water users, local wetland consultants, and the Army Corps of Engineers to address this problem on a regional permit basis.

12. Montezuma Valley Irrigation Company – May Lateral Pipeline

Authorization: Severance Tax Fund	County: Montezuma
Water Source: Dolores River	Project Yield: 128,000 acre-feet
Terms of Loan: \$5,292,400@2.25% for 30 yrs.	Project Type: Pipeline

The Montezuma Valley Irrigation Company is a non-profit corporation established in the State of Colorado in 1920. The Company manages the delivery of irrigation water to the approximately 46,000 acre service area. The Company is proposing to install approximately five (5) miles of 36-inch pipe in the existing May Lateral Ditch alignment. The installation of pipe will improve

delivery and significantly reduce leakage. The May Lateral water is diverted from the Dolores River and is routed through the McPhee Reservoir prior to delivery to shareholders. The new pipeline will carry approximately 18 cfs to the 105 shareholders that depend on the May Lateral for irrigation water. AgriTech Consulting has provided planning and preliminary design services. The Company has completed the installation of the entire pipe along the 5-mile project length. Over the next several months the Company will be reclaiming the area (i.e. final grading, slash removal, fencing, seeding etc.). Project completion is tentatively scheduled for July 2010.

13. Platte Valley Irrigation Company – New Equalizer Reservoir Project

Authorization: Severance Tax Fund	County: Weld
Water Source: South Platte River	Project Yield: 52,401 AF
Terms of Loan: \$2,388,650@2.25% for 20 yrs.	Project Type: Reservoir Construction

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. 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. 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 foot 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. The project is being designed by Smith Geotechnical, Fort Collins, Colorado, with construction anticipated to commence in July/August 2010.

14. Greeley Irrigation Company – Greeley No. 3 Canal Rehabilitation

Authorization: Severance Tax Fund	County: Weld
Water Source: South Platte	Project Yield: 18,000 acre-feet
Terms of Loan: \$2,233,867@2.85% for 30 yrs.	Project Type: Canal Rehabilitation

The Greeley Irrigation Company (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. 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. 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. The overall

project is 85% and the Company has just recently completed the replacement of their diversion structure on the Poudre River. The Company is currently working on their SCADA system and the realignment and reshaping of various sections of existing channel. The overall project is anticipated to be completed by September 2010.

15. Henrylyn Irrigation District – Horse/Prospect Reservoirs Rehabilitation

Authorization: Severance Tax Fund
Water Source: Denver/Hudson Canal
Terms of Loan: \$2,184,327@2.25% for 30 yrs.

County: Weld
Project Yield: 13,850 acre-feet
Project Type: Reservoir Rehab.

The HID was formed in 1907 Irrigation District Law of 1905, and consists of 32,745 acres of irrigated farm land in Weld County. The HID diverts water through the Burlington Canal Headworks on the South Platte River, extending 16 miles to and past Barr Lake. From Barr Lake the Denver-Hudson Canal continues 25 miles to Horse Creek Reservoir, and then continues another 25 miles to Prospect Reservoir. Horse Creek Reservoir was constructed in 1910, and is a High Hazard, Class 1 earth fill dam, with a dam height of 64 feet, a length of 4800 lineal feet, and a crest width of 16 feet. There is a 200 foot wide earth-lined spillway. The decreed storage right is 19,515 AF, but normal storage is 18,747 acre feet. The outlet works consist of 3 x 48" diameter steel conduits. The proposed project will provide a lining for the outlet works, install additional toe drainage, and resurface and re-grade the dam crest. Prospect Reservoir was constructed in 1914, and is a Significant Hazard, Class 2 earth dam, with a dam height of 43.5 feet, a length of 5,301 lineal feet, and a crest width of 20 feet. There is a 250 wide concrete and riprap spillway. The decreed storage right if for 7,660 AF, but the normal storage is 6,368 acre feet. The outlet works consist of a 48" concrete pipe that narrows to about 30" downstream of the control gate, due to previous re-lining projects. The reservoir is currently restricted to 1.5 feet below the historic maximum stage, due to concerns about the stability of the downstream slope of the dam. The proposed project will provide a lining for the outlet works, and resurface and re-grade the dam crest. Zak Dirt Construction has completed reconstruction of outlet channel and has regarded the dam crest on Horse Creek Reservoir. On Prospect reservoir the outlet pipe has been lined with regarding of the dam crest yet to be completed. The Company is also evaluating the possible need to replace the existing gates at Prospect Reservoir and regarding of the dam face.

16. New Salida Ditch Company – Ditch Rehabilitation

Authorization: Severance Tax Fund
Water Source: Upper Arkansas River
Terms of Loan: \$365,620@2.50% for 30 yrs.

County: Chaffee
Project Yield: 7,000 acre-feet
Project Type: Ditch Rehabilitation

The New Salida Ditch Company owns and operates the New Salida Ditch to deliver water to agricultural users from the Arkansas River through a diversion in Browns Canyon. The diversion is located 10 miles north of Salida and is approximately eight miles from its diversion to its end at Ute Gulch. In Browns Canyon, the Ditch runs parallel to the River for 1.25 miles. This section as historically been difficult for the Company to maintain and has suffered frequent breaks, resulting in costly repairs and the discharge of sediment into the adjacent river. The Company was cited by the Colorado Department of Health and Environment for a recent failure of the ditch in 2005. This project involves the installation of 3,200 feet of 42-inch pipe along the historically troubled ditch area. Project construction commenced in September of 2009 and should be completed by November of 2010.

17. Farmers Pawnee Canal Company – Ditch Flow Control Structures

Authorization: Severance Tax Fund
 Water Source: South Platte River
 Terms of Loan: \$227,250@2.5% for 30 yrs.

County: Logan
 Project Yield: 27,260 acre-feet
 Project Type: Diversion Rehabilitation

The Farmers Pawnee Canal Company (Company) provides irrigation water to approximately 10,000 acres of land between Merino and Sterling, Colorado. It uses two separate structures to control flow in the Pawnee Ditch (Ditch). The first is a main diversion at the South Platte River. The second is a few miles down the Ditch and is used to adjust flow. The main diversion is a concrete rollover wall with vents to allow flushing of sand when opened. The secondary structure is currently controlled through the use of board style gates. Both structures are labor intensive and require monthly maintenance. To help with efficiency, the Company plans on replacing a portion of the main diversion with a new 12-foot radial gate. It also plans on replacing the board gates at the secondary structure with four 8-foot wide radial gates. Ransome Boone Excavating, Fort Morgan, Colorado has completed the ditch control structure. The Company recently completed improvements to their diversion structure and have tentatively scheduled a substantial completion date for August of 2010.

18. North Sterling Irrigation District – North Sterling Reservoir Rehabilitation

Authorization: Construction Fund
 Water Source: South Platte River
 Terms of Loan: \$1,094,840@2.25% for 20 yrs.

County: Logan
 Project Yield: 74,590 acre-feet
 Project Type: Reservoir Rehabilitation

The District owns and operates the North Sterling Reservoir (Reservoir) located in Logan County and provides stored and direct flow water to landowners within the District's 40,917 acre service area. The District service area begins just east of the North Sterling Reservoir approximately 15 miles northwest of Sterling, Colorado and extends east to just northeast of Crook, Colorado. The Reservoir faces the possibility of a storage restriction from the State Engineer's Office without the construction improvements to the current spillway and the dam. In order to retain full storage capacity, the District intends to enlarge the existing spillway, raise the dam crest, and install a seepage collection system at the Reservoir. Construction commenced in September of 2009 and should be completed by July 2010.

19. Republican River Water Conservation District – Compact Compliance Pipeline

Authorization: Severance Tax Fund
 Water Source: Republican River
 Terms of Loan: \$60,600,000@2.0% for 20 yrs.

County: N. E. Colorado
 Project Yield: 15,000 acre-feet
 Project Type: Pipeline Construction

December 2002, Colorado entered into a Stipulation with Kansas and Nebraska to address the U.S. Supreme Court case of *Kansas v. Nebraska and Colorado*. Colorado agreed to develop a ground water model to determine stream flow depletions caused by well pumping in the Basin and to a five-year running average to determine compliance with the Republican River Compact. In 2007, the State had exceeded its allocation under the Compact by an average of 11,350 AF/yr. To solve the problem the District elected to acquire ground water rights with a historical consumptive of 15,000 AF/yr. This water will be delivered to the North Fork of the Republican River via a Compact Compliance Pipeline to the stream gage at the Colorado-Nebraska state line to offset stream depletions. The District is requesting a loan from the CWCB in the amount of

\$60 million to finance the engineering, construction and water acquisition related to the Pipeline Project. The loan represents approximately 85% of the estimated \$71 million total cost of the Project. Final design is expected to start in the spring of 2008 and construction is scheduled for 2009 & 2010. The District has completed the design and bid packet for the project. Prior to construction and the disbursement of any additional CWCB loan funds, however, the District will need to resolve compact issues with Kansas regarding the recent concern over the proposed point of release of compact water on the North Fork of the Republican, which does not address the depletions on the South Fork of the Republican at the Colorado-Kansas state line and other related issues. The Republican River WCD did recently address issues of senior surface water users along the North Fork by the purchase of a 20-year lease from Yuma County Water Authority, who recently purchased the North Fork Water Rights under a separate CWCB loan contract. The District has completed the design plans and construction documents for the project. On June 19, 2009, utilizing CWCB loan funds, the District successfully closed the \$49,000,000 Cure water purchase, which was a critical piece to the overall success of the compliance project. The State is currently in arbitration with Kansas on and Nebraska over its compact compliance, which will dictate the future of the compliance pipeline project.

20. Ogilvy Augmentation Company – Well Augmentation Project

Authorization: Severance Tax Fund
 Water Source: South Platte River
 Terms of Loan: \$1,010,808@2.5% for 30 yrs.

County: Weld
 Project Yield: 60 acre-feet
 Project Type: Augmentation

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

21. Boulder White Rock Ditch and Reservoir Company – Reservoir Rehabilitation

Authorization: Severance Tax Fund
 Water Source: South Platte River
 Terms of Loan: \$2,864,164@3.45% for 30 yrs.

County: Boulder/Weld
 Project Yield: 12,000 acre-feet
 Project Type: Reservoir Rehabilitation

The Boulder White Rock Ditch and Reservoir Company (Company) delivers irrigation water to land in Boulder and Weld Counties. It diverts water from Boulder Creek in downtown Boulder through the Boulder White Rock Ditch and stores water in two of its facilities: Six Mile Reservoir and Panama Reservoir. Due to recent operational changes, the Company no longer exchanges water with nearby ditches and needs to improve the flexibility in its own system to meet its shareholder's needs. The Company intends to build a reservoir pump station at the Panama

Reservoir outlet in order to use water stored in the reservoir that is unable to be accessed through the existing gravity outlet. The Project is currently under construction and is approximately 15% complete. The Company was approved for a loan increase in the amount of \$434,000 for a new loan amount of \$2,864,164. The project commenced construction in December of 2009 and is approximately 95% complete.

22. Snowmass Water and Sanitation District – Zeigler Reservoir Water Management System

Authorization: Construction Fund	County: Pitkin
Water Source: Snowmass Creek	Project Yield: 1,800 acre-feet
Terms of Loan: \$1,952,805@4.25% for 20 yrs.	Project Type: System Improvements

The District's project involves the constructing of a new delivery system; which includes the construction of a pump house, approximately 1,400 ft of pipe, construction of a flow control building, installation of telemetry and electric power. The District diverts water for treatment from East Snowmass Creek and East Snowmass Creek Spring, Brush Creek and Snowmass Creek. The District presently does not have a useable raw water storage facility, but purchased Ziegler Reservoir (aka Lake Deborah) in 2008 for the express purpose of improving system reliability by expanding the reservoir from its current 57 AF to approximately 225 AF. The District currently serves approximately 3,500 full time residents and during the winter ski season an additional 10,000 to 12,000 residents. To regulate flows and provide a supply during times of diminished stream flows, a system to divert water to and pump water from the reservoir is required. This Project will help the District to deliver water to utilize Ziegler reservoir as well as serve for the planned expansion of the reservoir. Final design is complete and the District is approximately 90% complete with the overall project.

23. Farmers Reservoir and Irrigation Company – Milton Reservoir and Barr Lake Improvements

Authorization: Construction Fund	County: Adams/Weld
Water Source: Beebe Seep Canal/Platte Valley Canal	Project Yield: 125,000 AF
Terms of Loan: \$3,535,000@3.7% for 30 yrs.	Project Type: Spillway

Farmers Reservoir and Irrigation Company operates a ditch and reservoir system extending 3,500 square miles along the Front Range corridor, from Golden to Kersey, Colorado. The system consists of four major reservoirs (Standley Lake, Marshall Lake, Barr Lake and Milton Reservoir) numerous smaller reservoirs, and approximately 400 miles of diversion and delivery canals. This loan request specifically relates to work to be completed at Milton Reservoir and Barr Lake. The Company intends to complete the following three projects: Milton Reservoir Outlet Works (replacing the upstream outlet gate structure and a portion of the piped outlet works), Milton Spillway (enlarging the existing spillway), and Barr Lake Spillway (enlarging the existing spillway and raising the perimeter dike). These projects have been submitted to the SEO for review and have been approved. The Company commenced improvements on Milton Reservoir in October of 2009, which are approximately 95% complete. Barr Lake improvements are anticipated to commence in the fall of 2010.

24. Raymond Dairy, Incorporated – Concrete Ditch Reconstruction Project

Authorization: Construction Fund	County: Mesa
Water Source: Grand Valley Canal	Project Yield: 386 AF
Terms of Loan: \$63,950@2.5% for 30 yrs.	Project Type: Ditch Rehabilitation

The Raymond Dairy, Inc. is located just northwest of Fruita, Colorado and is owned by Robert and Helen Raymond. The Raymond Ditch has a capacity of 3.5 cfs and is used to carry irrigation water to approximately 125 acres of field crops for dairy cattle. This Project involves replacing 2,400 feet of the ditch, and installing new head gates and punch plates. This Project will decrease ditch seepage; thereby improving the environment by reducing salt leaching into the Colorado River. NRCS has provided planning and design engineering services for this work. The total project cost is \$95,000. The Borrower has been approved for a grant from NRCS that will cover approximately 33% of the cost of the Project. Construction is scheduled for the fall of 2009. Proposed CWCB funding consists of an initial loan from CWCB for \$95,950 that will be reduced by the NRCS grant. The remaining \$63,950 will become a 20-year CWCB Loan. The project commenced construction in November of 2009 and has been completed. The borrower is waiting on reimbursement from NRCS to close out its loan with CWCB.

25. Lower Latham Reservoir Company – Well Augmentation Project – Phase III

Authorization: Construction Fund
 Water Source: South Platte River
 Terms of Loan: \$3,811,573@2.75% for 30 yrs.

County: Weld
 Project Yield: 5,705 acre-feet
 Project Type: Augmentation

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. To-date the Company has been reimbursed for its water rights purchase and they are currently finalizing the design for its augmentation ponds.

26. Trinchera Irrigation Company – Smith Reservoir Rehabilitation

Authorization: Construction Fund
 Water Source: Trinchera Creek
 Terms of Loan: \$606,000@2.75% for 30 yrs.

County: Costilla
 Project Yield: 26,700 acre-feet
 Project Type: Reservoir Rehabilitation

The Trinchera Irrigation Company (Company) owns and operates Smith Reservoir, Mountain Home Reservoir, and approximately 26 miles of canals and 45 miles of laterals for the purpose of providing irrigation water for the benefit of its shareholders. The Company services approximately 14,100 acres of irrigated farm land. The Company is applying for a loan to repair Smith Reservoir, which the State Engineer's Office (SEO) placed under a storage restriction. The restriction was put in place on April 22, 2009 after a storm caused considerable erosion on the upstream slope of the dam. The repairs include: correcting the slope of the dam, repairing erosion damage on the upstream face of the dam, and replacing the upstream sluice valve. The SEO

approved the construction plans on November 2, 2009 and construction began immediately. The project has been completed. Project substantial completion is tentatively set for September 2010.

27. WRCC, Inc. – Cobb Lake Inlet Structure Rehabilitation

Authorization: Construction Fund	County: Larimer/Weld
Water Source: Cach La Poudre	Project Yield: 35,000 AF
Terms of Loan: \$1,301,890@2.85% for 30 yrs.	Project Type: Reservoir Rehabilitation

WRCC, Inc. (Company) owns and operates six storage reservoirs in Larimer and Weld Counties including Cobb Lake (Reservoir). The inlet ditch to the Reservoir has been badly eroded over time and vertical degradation has resulted in very steep ditch side slopes that are a safety concern. The inlet structures were built in the early 1900s and have been patched over the years; however, they are to the point where they could be subject to sudden catastrophic failure. If this inlet failed, the Reservoir could not be filled. The Company intends to reconstruct the existing inlet structures ditch to address both the safety and possible failure issues. Construction is expected to take place in the fall of 2010

28. Town of Gypsum – LEDE Ditch and Reservoir Rehabilitation

Authorization: Construction Fund	County: Eagle
Water Source: Colorado River	Project Yield: 685 acre-feet (254 new)
Terms of Loan: \$2,689,731@4.5% for 30 yrs.	Project Type: Reservoir Rehabilitation

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 2010 and dam construction starting in 2011.

29. Lake Canal Reservoir Company – South Gray and Gray No. 3 Reservoir Rehabilitation

Authorization: Construction Fund	County: Larimer/Weld
Water Source: Box Elder Creek	Project Yield: 1,120 AF (165 AF new)
Terms of Loan: \$433,000@3.15% for 30 yrs.	Project Type: Reservoir Rehabilitation

The Lake Canal Reservoir Company is requesting a CWCB loan for reservoir improvements that include: 1) the installation of toe drains on the South Gray dam 2) the breaching of Gray No. 3 dam including erosion protection and access road realignment. The Project is necessary to address a SEO Dam Safety hazard and avoid the potential for a reservoir storage restriction. The South Gray Reservoir dam has excessive seepage along a major portion of the dam. The Reservoir Company desires to preserve the storage right on this reservoir and is interested in adding a toe drain or other seepage measures to ensure the safety of the dam. Gray Reservoir No. 3 is restricted to zero storage by the SEO due to the poor condition of the dam and outlet works. The

Reservoir Company has received a court decree allowing the storage to be moved to other locations.

30. Pagosa Area Water and Sanitation District – Dry Gulch Reservoir Land Acquisition

Authorization: Construction Fund

County: Archuleta

Water Source: San Juan River

Project Yield: 35,000 acre-feet

Terms of Loan: \$11,217,060@3.50% for 30 yrs.

Project Type: Land Acquisition

District serves 9,500 residents in the 100 sq. mile District service area. Drought and demand from growth is requiring additional storage and of around 12,400 AF of storage by 2040. Growth projections estimate the need for a 35,000 AF reservoir to meet demand through 2100. Dry Gulch site is the only reasonably valued site available due to land development. Primary fill source will be pumping of San Juan River water to the reservoir. A CWCB loan will be used to purchase two parcels of land to begin the process of meeting the needs of the District. The land is needed for both sizes of reservoir. Preliminary design and permitting is expected to start in 2008 and construction of the reservoir is projected to start in 2020. CWCB has disbursed just under \$10,000,000 in loan funds for land purchases to-date.

Projects under Design

1. Supply Irrigation Ditch Company – Knoth Reservoir Dam Rehabilitation

Authorization: Severance Tax Fund

County: Boulder – N.E. of Lyons

Water Source: St. Vrain Creek

Project Yield: 4,800 acre-feet

Terms of Loan: \$1,515,000@2.6% for 30-years

Project Type: Dam Rehabilitation

Supply Irrigating Ditch Company services approximately 8,500 acres of irrigated farmland in Boulder County between Lyons and Mead. Currently the water for irrigation is supplied by a direct flow decree and from the Beaver Park Reservoir (which is approx. 25 miles west of the start of the Supply Ditch near the continental divide). Supply Irrigating Ditch Company is in the process of acquiring a storage decree within Knoth Reservoir in exchange for the rehabilitation of the reservoir. This reservoir will give the Company some system flexibility, as this storage is significantly closer to users than Beaver Park Reservoir. The reservoir improvements include: construction of a spillway, removing vegetation from the embankment of the dam, lining select areas on the upstream dam face with a clay liner, placing riprap along the upstream dam face, enclosing an irrigation ditch within a pipe, and installing dam instrumentation. URS Corporation is currently working on the final SEO plans, which could be approved sometime this summer. Design changes and refinement of the original cost estimate have resulted in an increase to the overall project cost. The Company was approved for additional loan funds at the November 2009, for a new loan amount of \$1,515,000. The Company was recently informed by Little Thompson Water District that they will not be participating in the project, given the cost per acre-foot to complete the project. The Company is currently evaluating its options to continue with the project.

2. Owl Creek Reservoir Company - Reservoir Rehabilitation

Authorization: Construction Fund	County: Weld
Water Source: Owl Creek Basin	Project Yield: 1,200 acre-feet
Terms of Loan: \$1,125,000 @2.75% for 30-years	Project Type: Reservoir Rehabilitation

Owl Creek Reservoir is located 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 granular material, and over the years has suffered structural damage due to seepage. 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 dam embankment, the construction of a controlled outlet structure, and the construction of an emergency spillway. The project was bid in the fall of 2003. The Reservoir Company is currently exploring its options increasing the dredging quantity to obtain its full storage decree of 1,750 acre-feet. The Company is considering applying for additional funds from the Board to achieve the full reservoir capacity. Additionally, the Company has amended the loan contract for a 1-year time extension to complete the work. The Company is also researching the possibility of utilizing Owl Creek Reservoir as storage facility from flows outside of Owl Creek. This could be accomplished by pumping water from the Larimer Weld Canal, located approximately $\frac{3}{4}$ of a mile downstream of the reservoir. The Company has received bids and is currently negotiating with Barker Construction, Fort Collins, Colorado to construct project for approximately \$1,250,000. 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. Staff has indicated to the Company that additional collateral will be required to proceed forward with a loan increase, which is currently being considered.

3. Southeastern Colorado Water Conservancy District – Arkansas Valley Conduit

Authorization: Severance Tax Fund	County: Pueblo, Crowley, Otero, Bent
Water Source: Arkansas – Fry Ark Project	Project Yield: 6,555 AF
Terms of Loan: \$60,600,000@3.25% for 30 yrs.	Project Type: Raw Water Pipeline

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. The

District is anticipating securing federal funding in 2009/2010, with design and construction to follow.

4. Penrose Water District – Water Rights Purchase and Pipeline Installation

Authorization: Severance Tax Fund
Water Source: Arkansas River
Terms of Loan: \$8,844,570@3.25% for 30 yrs.

County: Fremont
Project Yield: 339 AF - Consumptive
Project Type: Pump/Pipeline/Reservoir

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. Water rights purchases occurred in 2005. Water court application was filed in 2006, with a late 2008 court date anticipated. Reservoir enlargement is scheduled late 2008 and early 2009. Pump and pipeline construction is scheduled to occur in 2010 and 2011, with total project completion anticipated in 2012. The District is currently working on obtaining an agreement between the District and Beaver Park Water to allow the District to utilize Brush Hollow Reservoir for additional storage. Additionally the District is looking a number of other potential distribution and storage alternatives to meet their needs. The loan contract will not be executed until a firm distribution and storage plan is in-place and approved by CWCB.

5. Seven Lakes Reservoir Company – Reservoir Rehabilitation

Authorization: Severance Tax Fund
Water Source: South Platte
Terms of Loan: \$772,842@ 2.95% for 30 yrs.

County: Weld and Larimer
Project Yield: 7,796 acre-feet
Project Type: Reservoir Rehabilitation

The Seven Lakes Reservoir Company (SLRC) and its sister company Greeley and Loveland Irrigation Company (GLIC), own and operate an extensive system of reservoirs and canals in the Loveland and Greeley area. GLIC owns 4 reservoirs (including Lake Loveland and Boyd Lake) and SLRC owns 5 reservoirs (including Horseshoe Lake, immediately adjacent to Boyd Lake.). SLRC uses GLIC's Big Barnes Ditch to fill Horseshoe Reservoir. Water is carried in the Big Barnes Ditch and discharges into Lake Loveland at a decreed rate of 1000 cfs. SLRC desires to remove and replace an existing deteriorated 5-tunnel railroad crossing structure with a new bridge in order to safely move 1,000 cfs from the Big Thompson River through Lake Loveland to Horseshoe Reservoir, thus removing a serious bottleneck in the flow path of water. This project will install a new pre-fabricated railroad bridge based on BNSF Railroad design requirements. Construction will occur while the track remains in continuous service, with trains expected on a frequency of one about every six hours. Bridge support pilings will be driven during the time intervals when trains are not near the site, and pile caps constructed. Rails, ties and ballast can then be removed and the prefabricated bridge installed. Work is anticipated to commence in the

winter/spring of 2010 and be completed by the winter 2011. The Company has experienced significant delays in getting contracts in-place to conduct the work with BNSF.

6. Deuel and Snyder Improvement Company – Diversion Structure Rehabilitation

Authorization: Severance Tax Fund
Water Source: South Platte
Terms of Loan: \$90,900@2.50% for 30 yrs.

County: Morgan
Project Yield: 4,950 acre-feet
Project Type: Diversion Rehabilitation

The Deuel and Snyder Improvement Company (Company) provides irrigation water to a 1,650 acre service area located in Morgan County. The Company operates a sand gate located on a South Platte River diversion structure. The sand gate is a vent section through the concrete rollover wall which is boarded up when the Company needs to divert water. Boards must be removed during the winter to allow excess sand (which builds up in front of the Company's diversion point) to wash down river. Currently, in order to remove boards and open the gate, a Company employee must walk several yards along the crest of the rollover wall to reach the sand gate. There is not a walkway or handrail for safety. Because this is a major safety concern for the Company, it evaluated alternatives to both improve the safety conditions for its employees and more efficiently operate the gate. The Company elected to replace the existing board gates with a new radial gate. However, after further evaluation from the contractor and engineer it was determined that the foundation of the entire diversion structure has been compromised over time due to long term erosion. Therefore, the Company is currently evaluating it options on how to address the foundation issue prior to commencing with any improvement above. The project costs could escalate considerable.

7. South Metro Water Supply Authority – Raw Water Delivery

Authorization: Construction Fund
Water Source: South Platte
Terms of Loan: \$5,090,400@4.50% for 30 yrs.

County: Adams/Denver/etc.
Project Yield: 10,750 acre-feet
Project Type: Raw Water Delivery

South Metro Water Supply Authority (Authority) is made up of 13 independent water providers that serve communities in the southern area of metro Denver. Currently, the Authority members rely mainly on groundwater aquifers to supply the area's M&I needs. Because this source is nonrenewable, members have been working to identify new supplies of water and opportunities to share resources and infrastructure to reduce dependence on groundwater. The Authority intends to acquire capacity in the East Cherry Creek Valley Water and Sanitation District (ECCV) Northern Supply Pipeline (Pipeline) as a means to convey renewable water supplies, recapture consumable return flows, and increase operational flexibility. The Pipeline is a 48-inch steel pipe that runs from Barr Lake to ECCV's service area (located to the east of Cherry Creek Reservoir). The capacity is 47 million gallons/day (mgd). The Pipeline is a regional transmission line and will deliver water both to storage reservoirs and directly to Authority members who will then deliver the water through their distribution systems. The Authority is acquiring a total of 31.98 mgd of excess capacity from ECCV. The four members seeking funding from the CWCB will be acquiring 6.55 mgd of this total capacity. Final purchase and operating agreements are still under negotiation. It is expected that the purchase may take place in the fall of 2010.

8. Louden Irrigating Canal and Reservoir Company – Reservoir Rehabilitation

Authorization: Severance Tax Fund
 Water Source: Big Thompson River
 Terms of Loan: \$263,610@3.5% for 30 yrs.

County: Larimer
 Project Yield: 150 acre-feet
 Project Type: Reservoir Rehabilitation

The Louden Irrigating Canal and Reservoir Company (Borrower) owns and operates the Rist Benson Reservoir (Reservoir), which is on the west side of Loveland, Colorado. Since 2005, the Reservoir has been restricted to a gauge height of 10.0 feet due to seepage problems along the dam. The Borrower has repaired two sections of the embankment in previous years. This Project is the third phase of repairs and once completed will increase storage by 150 AF allowing for full storage of 491 AF. The rehabilitation involves excavating and re-compacting sections of the embankment, installation of a toe drain, and installing riprap on the upstream face of the dam. Construction is expected to begin in July of 2010 with completion by the fall of 2010.

9. Town of Dillon – Old Dillon Reservoir Enlargement

Authorization: Construction Fund
 Water Source: Salt Lick Gulch
 Terms of Loan: \$1,515,000@4.0% for 30 yrs.

County: Summit
 Project Yield: 286 acre-feet (140 new)
 Project Type: Reservoir Enlargement

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. The project will increase the reservoir capacity from 46 to 286 acre-feet. Permitting and design have been completed and the project is scheduled for bids in July 2010, with construction to commence in August.

10. Joseph W. Bowles Reservoir Company – Bowles No. 1 Dam Rehabilitation

Authorization: Construction Fund
 Water Source: Bear Creek
 Terms of Loan: \$1,703,870@4.65% for 30 yrs.

County: Jefferson
 Project Yield: 2,062 acre-feet
 Project Type: Reservoir Rehabilitation

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.

11. Riverside Reservoir and Land Company – Riverside Reservoir Spillway Enlargement

Authorization: Severance Tax Fund
Water Source: South Platte River
Terms of Loan: \$2,838,100@2.5% for 30 yrs.

County: Weld
Project Yield: 64,000 AF (200 new)
Project Type: Spillway

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.

12. Fort Morgan Reservoir and Irrigation Company – Pipeline Project/Augmentation Retiming

Authorization: Construction Fund
Water Source: South Platte River
Terms of Loan: \$1,494,800@2.9% for 30 yrs.

County: Morgan
Project Yield: 37,058 AF
Project Type: Augmentation/Pipeline

The Company operates a ditch system that serves surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and operates a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells. In addition, the Company has an operational agreement with Groves Farms, LLC, which is a family farming corporation also located in Morgan County, for a recharge/augmentation plan. The Company, with Groves Farms, has designed a plan to re-divert and re-time augmentation credits from the Company's more senior recharge projects at certain times when they are not needed for direct augmentation use, and to divert water under new junior water rights when available for recharge and augmentation use. The Project involves installing one 24" pipe from the River extending three miles to recharge ponds on Groves Farms' land; installing two pumps to pump water from the River through the pipeline; installing one augmentation well and pumping equipment near Groves' ponds to pump ground water back to the South Platte River; and installing seven recharge/augmentation ponds (with a surface area of approximately 95 acres) on Groves Farms' land. Project construction is tentatively scheduled for the fall of 2010.

13. Riverside Ditch and Allen Extension Company – Ditch System Rehabilitation

Authorization: Construction Fund
 Water Source: Arkansas River
 Terms of Loan: \$186,345@2.75% for 30 yrs.

County: Chaffee
 Project Yield: 3,250 AF
 Project Type: System Rehabilitation

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. The Company did receive approval to proceed ahead from a majority of its shareholders and are proceeding ahead with emergency design and repair to a section of their ditch, with final design and construction of their diversion structure this fall.

14. City of Monte Vista – Augmentation Water Rights Purchase

Authorization: Construction Fund
 Water Source: Rio Grande River
 Terms of Loan: \$1,693,770@4.0% for 30 yrs.

County: Rio Grande
 Project Yield: 321 AF
 Project Type: Water Rights

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.

15. Parkville Water District – Canterbury Tunnel Repair

Authorization: Construction Fund
 Water Source: East Fork Arkansas
 Terms of Loan: \$1,838,200@4.0% for 30 yrs.

County: Lake
 Project Yield: 1.086 AF
 Project Type: Tunnel Repair

The Parkville Water District provides municipal water for the Town of Leadville and surrounding areas. The District provides service to about 2300 taps. The Canterbury Tunnel has been a critical water supply source to the District for over 45 years. The Tunnel originally served as mine drainage; however, because it was of such good quality and reliability the District added it to its

water supply system. About 15 years ago, the flow of water was significantly reduced due to a collapse in the tunnel. The District proposes to drill a new well to access the functioning part of the tunnel and pump the water to the District's distribution system. The Project design is nearly complete and construction is projected for the fall/winter 2010.

16. Las Animas Consolidated Canal Company – Diversion Structure Rehabilitation

Authorization: Construction Fund	County: Bent
Water Source: Arkansas River	Project Yield: 26,000 AF
Terms of Loan: \$77,265@2.75% for 30 yrs.	Project Type: Diversion Rehabilitation

The Las Animas Consolidated Canal Company provides irrigation water to approximately 5,600 acres near Las Animas, Colorado. The Canal Company, along with the Consolidated Extension Canal Company, operates the Las Animas ditch diversion dam, located on the Arkansas River approximately 11 miles east of La Junta and about 7 miles west of Las Animas. The diversion dam was constructed in the late 1800s and is at the end of its useful life. The purpose of this project is to complete emergency repairs to support the dam and to minimize further downstream erosion and deterioration of the diversion dam so that safe and reliable future operations of the structure can be ensured. The loan request is for 6% of the estimated \$1,275,000 total cost of the project. The additional project funding will come from the Consolidated Extension Canal Company (through a CWCB loan) and from Xcel Energy (a large shareholder in both companies). The project is expected to be bid in the fall of 2010. Construction will begin around November 15, 2010 and work should be completed by March 15, 2011.

17. Consolidated Extension Canal Company – Diversion Structure Rehabilitation

Authorization: Construction Fund	County: Bent
Water Source: Arkansas River	Project Yield: 26,000 AF
Terms of Loan: \$180,285@2.75% for 30 yrs.	Project Type: Diversion Rehabilitation

The Canal Company, along with the Las Animas Consolidated Canal Company, operates the Consolidated Ditch diversion dam, located on the Arkansas River approximately 11 miles east of La Junta and about 7 miles west of Las Animas. The diversion dam was constructed in the late 1800s and is at the end of its useful life. The purpose of this project is to complete emergency repairs to support the dam and to minimize further downstream erosion and deterioration of the diversion dam so that safe and reliable future operations of the structure can be ensured. The loan request is for 6% of the estimated \$1,275,000 total cost of the project. The additional project funding will come from the Las Animas Consolidated Canal Company (through a CWCB loan) and from Xcel Energy (a large shareholder in both companies). The project is expected to be bid in the fall of 2010. Construction will begin around November 15, 2010 and work should be completed by March 15, 2011.

18. Huefano-Cucharas Irrigation Company – Cucharas Reservoir Rehabilitation

Authorization: Severance Tax Fund	County: Pueblo/Huerfano
Water Source: Cucharas River	Project Yield: 7,500 AF (New)
Terms of Loan: \$1,622,060@2.5% for 30 yrs.	Project Type: Reservoir Rehabilitation

The Huerfano-Cucharas Irrigation Company (Company) provides irrigation water to farmers in the Arkansas valley. The Company was organized in 1944 and currently has 47 shareholders. The Company owns and operates the Cucharas Reservoir, located east of Walsenburg. The dam is a 145-foot high rock fill dam that has undergone several enlargements since the original construction in 1914. The reservoir has a capacity of 35,395 acre-feet. A storage restriction has been in place since 1988 with a deadline of October 1, 2010, imposed by the SEO either to rehabilitate the existing dam, replace it with a new dam or a zero no-storage restriction will be imposed followed by an order to breach the dam and remove the hazard it represents. The Company plans to rehabilitate the existing dam to allow a reduced level (7,500 AF) of storage. The Project involves lowering the spillway, replacing outlet gates, installing a satellite monitoring system, and updating a new Emergency Action Plan. Pending SEO plan approval, project construction might begin during the winter of 2010/11. The owners of the project have changed since the original authorization by the Board. This change will require the project to be de-authorized and a new project presented to the Board, based on the new owner's financials and project plan.

**COLORADO WATER CONSERVATION BOARD
FINANCIAL ACTIVITY REPORT
FOR FISCAL YEAR 2010
CONSTRUCTION FUND**

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2009	\$ 991,399	\$ 902,079	\$ 1,893,478	\$ 237,276	\$ 1,656,202
August 2009	\$ 368,125	\$ 340,643	\$ 708,768	\$ 369	\$ 708,398
September 2009	\$ 212,430	\$ 253,625	\$ 466,054	\$ 380,017	\$ 86,037
October 2009	\$ 256,291	\$ 146,224	\$ 402,515	\$ 352,123	\$ 50,393
November 2009	\$ 242,852	\$ 209,413	\$ 452,264	\$ 499,365	\$ (47,101)
December 2009	\$ 178,895	\$ 438,803	\$ 617,698	\$ 251,585	\$ 366,113
January 2010	\$ 599,266	\$ 2,533,446	\$ 3,132,712	\$ 49,139	\$ 3,083,573
February 2010	\$ 420,414	\$ 135,138	\$ 555,552	\$ 145,047	\$ 410,505
March 2010	\$ 284,896	\$ 360,443	\$ 645,339	\$ 2,183,801	\$ (1,538,462)
April 2010	\$ 974,176	\$ 530,612	\$ 1,504,788	\$ 25,318,389	\$ (23,813,601)
May 2010	\$ 613,141	\$ 1,320,374	\$ 1,933,515	\$ 147,361	\$ 1,786,154
June 2010	\$ 452,178	\$ 415,341	\$ 867,520	\$ 348,659	\$ 518,861
FY 2010 Totals	\$ 5,594,063	\$ 7,586,140	\$ 13,180,203	\$ 29,913,131	\$ (16,732,928)

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2009	\$ 130,286	\$ 149,080	\$ 279,366	\$ 86,769	\$ 192,597
August 2009	\$ 214,894	\$ 202,229	\$ 417,123	\$ 670,022	\$ (252,898)
September 2009	\$ 560,259	\$ 567,960	\$ 1,128,219	\$ 223,399	\$ 904,820
October 2009	\$ 540,684	\$ 83,923	\$ 624,607	\$ 663,310	\$ (38,703)
November 2009	\$ 87,097	\$ 71,587	\$ 158,683	\$ 591,567	\$ (432,884)
December 2009	\$ 82,320	\$ 191,165	\$ 273,485	\$ 1,149,375	\$ (875,890)
January 2010	\$ 420,941	\$ 788,676	\$ 1,209,617	\$ 1,141,955	\$ 67,662
February 2010	\$ 87,300	\$ 25,630	\$ 112,930	\$ 1,039,284	\$ (926,354)
March 2010	\$ 665,071	\$ 369,416	\$ 1,034,487	\$ 567,719	\$ 466,768
April 2010	\$ 1,229,406	\$ 701,235	\$ 1,930,641	\$ 367,076	\$ 1,563,565
May 2010	\$ 396,977	\$ 590,097	\$ 987,073	\$ 4,670	\$ 982,403
June 2010	\$ 168,866	\$ 193,660	\$ 362,526	\$ 168,647	\$ 193,878
FY 2010 Totals	\$ 4,584,100	\$ 3,934,659	\$ 8,518,758	\$ 6,673,792	\$ 1,844,966

GRAND TOTALS	\$ 10,178,162	\$ 11,520,799	\$ 21,698,961	\$ 36,586,924	\$ (14,887,962)
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